ADVERTISEMENT FOR SEALED BIDS FOR WATER SUPPLY WELL AND WATER HYDRANT INSTALLATION

Oakland Township Parks and Recreation is seeking sealed bids from experienced and qualified contractors to install a water supply well and 2 water hydrants at Oakland Township’s Bear Creek Nature Park.

Bear Creek Nature Park is located at 740 West Snell Road, Oakland Township Michigan.

Sealed bids will be received at the Oakland Township clerk’s office at 4393 Collins Rd, Rochester, MI 48306 until Tuesday, March 24th, 2020, at 3:00 P.M., Local Time.

The submission of a sealed bid by a contractor shall be considered evidence that the contractor is satisfied with respect to the conditions to be encountered and the character, quantity and quality of the work to be performed.

Oakland Township Parks and Recreation officially distributes bid documents from the Oakland Township office, 4393 Collins Rd, Rochester, MI 48306, the Oakland Township website (www.oaklandtownship.org) or through Bid Net (www.bidnetdirect.com/mitn). Copies of bid documents obtained from any other source are not considered official copies. Only those vendors who obtain bid documents from either the Oakland Township office or the MITN System are guaranteed access to receive addendum information, if such information is issued.

OAKLAND TOWNSHIP PARKS AND RECREATION RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS. Any deviation from the specifications must be noted on the proposal.

Please submit sealed bids to:

Clerk’s Office
Charter Township of Oakland
4393 Collins Road
Rochester, Michigan 48306

Proposals must be submitted in a sealed envelope marked: “RFP – BEAR CREEK NATURE PARK WATER WELL AND HYDRANT INSTALLATION.”

To inspect Bear Creek Nature Park’s grounds, bidders may access the park on their own during Normal Park hours.
1. **INTENT**

The intent of this RFP is to select a qualified and experienced Contractor that can complete the water well and hydrant installation at Oakland Township’s Bear Creek Nature Park after April 9th 2020 and before September 1st 2020.

2. **SEALED BID SUBMISSION**

Please submit sealed bids to:

Clerk’s Office  
Charter Township of Oakland  
4393 Collins Road  
Rochester, Michigan 48306

Proposals must be submitted by Tuesday, March 24th 2020, at 3:00 P.M., Local Time in a sealed envelope marked: “**RFP – BEAR CREEK NATURE PARK WATER WELL AND HYDRANT INSTALLATION**”

It is the responsibility of the Bidder to ensure that the proposal arrives on time and at the right place. Any proposals received after the above date and time will be disqualified.

3. **PUBLIC INFORMATION**

All submitted proposals and information included therein or attached thereto shall become public record upon their delivery to the Township.

4. **CLARIFICATION OF RFP**

Any request(s) for clarification of this RFP shall be made in writing and delivered to: Doug Caruso, Parks Maintenance Foreman 4393 Collins Road, Rochester, MI 48306 or dcaruso@oaklandtownship.org. Inquiries on the proposal will not be accepted after Friday, March 20th 2020.

5. **RIGHT TO REJECT PROPOSALS AND WAIVE INFORMALITIES**

The Township reserves the right to accept or reject any or all proposals, waive or modify proposal requirements, waive informalities, allow correction of errors or omissions, negotiate individually with one or more proponents, request supplemental proposals and/or additional information, and to select and award a contract to a qualified consultant determined by the Parks and Recreation Commission, in its discretion, to be in the best interest of the Township considering all factors. Members of the Parks and Recreation Commission and Staff will review the proposals and make a recommendation to the Parks and Recreation Commission who will award the contract.

Any acceptance of a proposal by the Parks and Recreation Commission shall not be binding on the Township and may be withdrawn for at least ten days after the date of acceptance and until the selected consultant has submitted the signed contract and satisfied all insurance and other acceptance conditions. During the period of time the Parks and Recreation Commission acceptance may be withdrawn, the Parks and Recreation Commission reserves the right to continue to review, evaluate and investigate all proposals and consultants, and for any reason
approved by the Parks and Recreation Commission, may withdraw the acceptance of a proposal.

6. RESPONSIVE PROPOSALS

Companies are expected to examine the RFP requirements and all instructions. Failure to do so will be at the company’s risk. Each company shall furnish all information requested herein. The person signing the proposal must initial all erasures or other changes. If any person contemplating submitting a proposal is in doubt of the true meaning of any part of the specifications or other conditions with the RFP, they are advised to call and have the portion in question clarified.

7. CHANGES AND ADDENDA TO BID DOCUMENTS

Each change or addendum issued in relation to the RFP will be posted on the Bid Net/MITN system website, the Oakland Township website, and at the Oakland Township office. It shall be the contractor’s responsibility to make inquiry as to the changes or addenda issued. All such changes or addenda shall become part of the contract and all bidders shall be bound by such changes or addenda.

8. INTERVIEWS

Interviews will be scheduled if it is determined to be necessary by the Township.

9. SUBCONTRACTORS

The Bidder shall not subcontract any or all portions of the work unless the Charter Township of Oakland grants prior written approval. Any subcontractor, so approved, shall be bound by the terms and conditions of this Contract.

10. AWARD

Competitive proposals will be evaluated based upon criteria formulated around the most important features of the service, of which qualifications, experience, and timelines may be overriding factors, and price may not be determinative in the issuance of a contract or award. The proposal evaluation criteria should be viewed as standards, which measure how well a vendor’s approach meets the desired requirements. The firm selected for the award will be chose on the basis of the apparent greatest benefit to Oakland Township Parks and Recreation. Oakland Township Parks and Recreation reserves the right to select, and subsequently recommend for award, the proposed services which best meets its required needs, quality levels and budget constraints.

The evaluation and award of this proposal shall be rated on the following (not in any relevant order):

- Quote pricing for installation of water well and hydrants.
- Evaluation of the preliminary work plan and scheduling.
- Evaluation of professional qualifications and capabilities of the firm and its project management and assigned personnel to perform requested services.
- Related experience with similar types of projects.
- Attention to requests and requirements of this RFP.
- Results of interview (if conducted).
The rates proposed shall be considered firm and cannot be altered after receipt per the terms of this bid. The contents of this RFP and the vendor’s response will become contractual obligations if a contract ensues. Failure of the successful vendor to accept these obligations may result in cancellation of the award.

11. WITHDRAWAL OF PROPOSAL

Proposals may be withdrawn in person by a bidder, or authorized representative, provided their identity is known and a receipt is signed for the bid, but only if the withdrawal is made prior to the stated bid deadline. No proposal may be withdrawn for at least 90 days after opening except the successful bidder whose prices shall remain firm for the entire contract period.

12. EXECUTION OF AGREEMENT

If a vendor does not execute an agreement within 7 days after being notified of selection, the Parks and Recreation Commission (PRC) may give notice to the firm of the PRC’s intent to select the next most qualified Bidding firm or call for new proposals, whichever the PRC deems most appropriate.

13. LIABILITY FOR COSTS

The Township is not liable for any costs incurred by firms with regard to this RFP.

14. TAX EXEMPTION

Municipalities are exempt from Michigan State Sales and Federal Excise taxes. Do not include such taxes in the proposal figure. The Township will furnish the successful bidder with tax exemption certificates when requested.

15. IRAN LINKED BUSINESS

In accordance with Michigan Public Act 517 of 2012, the Iran Economic Sanctions Act, MCL 129.311, et seq., effective date 4/1/13, all vendors must certify that they are not an “Iran Linked Business” in order to submit a proposal. The act prohibits individuals who have economic relations with Iran from submitting bids on RFP’s with the state or any other public entities. The act also includes penalty provisions for submittal of false certifications. See Attachment “B”.

SUMMARY OF WORK

A. The work to be done shall consist of furnishing all labor, materials and equipment necessary for the complete and satisfactory construction and testing of the proposed water supply well and yard hydrants in accordance with the plans and Oakland County Well Permit # W1963-0001 as specified in this request for price. The contractor shall procure any other permits, certificates and licenses required by law and shall comply with all federal, state and local laws and ordinances relating to the performance of the work. All work to be done in accordance with Michigan Department of Public Health Ground Water Quality Control Methods as provided for in Act 368 P.A. and Act 399 P. A. 1976.

B. Including, but not necessarily limited to, the following:
1. A 5” Schedule 80 PVC well casing.
2. Well and pump capacity of 16 gallons per minute at 45 – 60 PSI.
3. Installation of water supply line and electrical wiring from well to pressure tank and pressure tank to electrical panel located inside the maintenance building.
4. Installation of a 20-gallon pressure tank inside heated maintenance building as shown in plans provided in this request for price.
5. Complete installation of 2 – Woodford Model S4H sanitary yard hydrants as shown in plans provided in this request for price using at 1 inch or larger supply line.
6. Compacted sand backfill of any trenches crossing driveways or walking trails.
7. Installation of all exterior water lines and hydrants shall be below specified frost level for this region.
8. The contractor shall assume the responsibility of estimating the depth of the well.
9. The contractor must ensure that final inspections and water testing are satisfactory.
10. The contractor must submit to owner, all operating and maintenance instructions including shop drawings for all equipment installed.
11. The contractor must submit to owner, all manufacturers and contractor’s warranties.

**CONTRACT TERMS**

1. **CONTRACT PERIOD**

   The selected consultant(s) will be provided with a contract commencing on approximately April 9th 2020. If awarded the Contract, the Contractor agrees to perform the work after April 9th 2020 and before September 1st 2020 unless adverse weather conditions prevent work, in which case the completion time will be determined by the Owner and Contractor.

2. **CANCELLATION OF CONTRACT**

   The Parks and Recreation Commission (PRC) reserves the right to cancel any agreement at any time upon seven (7) days prior written notice of its intent to terminate any agreement. The selected firm shall provide the PRC at least thirty (30) days prior written notice of its intent to terminate any agreement.

3. **INDEMNIFICATION AND HOLD HARMLESS**

   The Contractor shall, at its own expense, protect, defend, indemnify and hold harmless the Charter Township of Oakland, its elected and appointed officials, employees and volunteers and others working on behalf of the Charter Township of Oakland, against any and all liabilities, obligations, damages, penalties, claims, costs, charges, losses, and expenses, including without limitation: direct, indirect, incidental, consequential, special and punitive damages, fees and expenses of attorneys, expert witnesses and other consultants which may be imposed upon, incurred by, or asserted against the Township as a result of any negligent or tortuous act, error of omission of the Contractor, or any of its personnel, employees, consultants, or subcontractors, agents or any entities associated, affiliated or subsidiary to the Contractor now existing or hereafter created, their agents and employees (collectively called ‘Associates’) for whose acts any of them might be liable, including, but not limited to, any and all injury to the person or damage to the property of, or any loss or expense incurred by an employee or the
Township; and any failure by the Contractor, or any of its “Associates” to perform its obligations either implied industry standards, or expressed under this Contract; and any violation of any federal, state or local statute, regulation, ordinance, permit or license by the Contractor, or any of its personnel, employees, consultants, or subcontractors, or any of its “Associates”.

The Contractor’s indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages; compensation; or employee benefits. In addition, the Contractor agrees to hold the Township harmless from the payment of any deductible on any insurance policy paid or any other amount paid to the Township, or its elected and appointed officials, employees and volunteers, or by the insurance coverage obtained and/or maintained by the selected firm pursuant to the requirements of this RFP and the contract entered into.

4. INSURANCE REQUIREMENTS

The contractor shall secure and maintain during the term of this contract insurance in the types and amounts specified in Attachment A, from an insurance agency authorized to do business in the State of Michigan, whose rating is satisfactory to the Township’s Risk Management Advisor. The Contractor shall be required to provide policies evidencing the required coverage prior to execution of the contract and the policies shall include the notice of cancellation time period, naming of additional insured and endorsement language as required. See Attachment A. In addition, please attach a copy of your current insurance coverage to the bid submitted.

5. Equipment and Materials

The contractor shall furnish, operate and maintain suitable and adequate equipment and materials necessary to perform the water well and hydrant installation services satisfactory to the Oakland Township Parks and Recreation Commission. The equipment furnished by the contractor must be in good repair and shall be maintained at all times. All equipment shall comply with all current MIOSHA safety standards and shall be maintained to those standards.

The Contractor shall have sufficient equipment, materials and personnel to complete a project once the work has begun. Under no circumstances shall the Oakland Township Parks and Recreation Commission be responsible for any damage to the Contractor’s equipment due to obstacles encountered during the work performed under this contract. Contractor shall provide supervision, labor, equipment, services and expertise required to perform the water well and hydrant installation services.

Proposer will be responsible for carefully examining the work sites and to judge for themselves the nature of the work to be done. Existence and location of underground utilities shall be verified by contractor before starting work. Excavation near structures and utilities shall be done by hand. Contractor is responsible for protection of structures and utilities. Proper equipment and care shall be used to prevent unnecessary damage to natural areas and trees. The submission of a proposal hereunder shall be considered evidence that the proposer is satisfied with respect to the conditions to be encountered and the character, quantity and quality of the work to be performed.
All contractors will be held responsible for the safety of their employees and any unsafe acts or conditions that may cause injury or damage to any persons or property within and around the work site area under this contract.

6. **Safety**

All work shall be executed in an orderly and careful manner with due consideration to contractor’s workers, Oakland Township Parks and Recreation personnel and the general public. The proposer shall be required to perform and complete the proposed work in a thorough and workmanlike manner and to furnish all necessary labor, tools, equipment, material and supplies.

All contractors and subcontractors performing services for the Oakland Township Parks and Recreation are required and will comply with all Occupational Safety and Health Administration (OSHA), State and Oakland Township Parks and Recreation’s Safety and Occupational Health Standards and any other applicable rules and regulations. Also all contractors and subcontractors will be held responsible for the safety of their employees and any unsafe acts or conditions that may cause injury or damage to any persons or property within and around the work site area under this contract. Proposer shall provide all barricades and other safety equipment, as necessary.

Contractor shall take all necessary measures to prevent damage to other areas adjacent to work areas. Should damage occur as a result of the Contractor’s work, the Contractor is responsible for the repair and/or replacement of the damaged area. Otherwise the Oakland Township Parks and Recreation shall repair and/or replace the damaged area and charge the Contractor or deduct the amount from the Contractor’s invoice. Damage to agricultural fields will be assessed and that amount will be deducted from the contractor’s invoice.

Contractor shall store materials, supplies and equipment in a neat and orderly manner so as not to unduly interfere with the progress of work, the work of other contractors or the operation of the Oakland Township Parks and Recreation Commission’s business. Contractor shall keep streets and/or parking lot pavement clear of mud and debris. Contractor shall not unload, move, hoist and/or store material or equipment so as to interfere with normal use of facilities, roads, driveways, sidewalks or building entrances except with prior written authorization by the Oakland Township Parks and Recreation Commission.

Contractor is responsible for the storage and security of equipment and materials and that of their subcontractors. Location of materials and equipment storage, vehicle parking and staging areas shall be established, only after approval by the Oakland Township Parks and Recreation Commission. No part of the work site may be left in an unsafe condition. If any danger is imminent, the contractor shall rope off or place barricades around the area. Such barricades shall be snow fence or equal with vehicle supports on 10’ centers anchored securely into the ground at least 4 feet high above the ground. Barricades shall enclose throughout the entire length all open ditches, trenches, excavations, or other work, which must be barred to the general public. Barricades shall be properly painted to the satisfaction of the Oakland Township Parks and Recreation Commission in order to retain a high degree of visibility to vehicular and pedestrian traffic.
Should the contractor or his employees neglect to set out and maintain barricades or lights, as required in these specifications, the Oakland Township Parks and Recreation Commission immediately and without notice, may furnish, install and maintain barricades or lights. The cost thereof shall be borne by the contractor and may be deducted from any amount due or to become due to the contractor under this contract.

7. **General Requirements**

Contractor accepts all risks associated with, and shall be liable for any injury to Contractor’s officers, employees and/or others, as well as for any property damage incurred by Contractor, its officers, employees and/or others, occurring on account of the performance or non-performance of the work under this Contract.

**In order to avoid conflicts with events, classes or rentals at the park, a time schedule must be coordinated with and approved by the Park Maintenance Foreman before any work commences.** All work should be completed in a safe and timely manner, respectful of persons using the park at the same time. No work is to be performed after 5 pm weeknights, during weekends, or on recognized Township holidays. Whenever possible, but keeping safety as the paramount issue, the park should remain open for users. The Oakland Township Parks and Recreation office at 248-651-7810 should be notified promptly of any difficulties encountered. In case of any emergencies please call 911.

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**SUBMITTAL REQUIREMENTS**

ALL PROPOSALS MUST BE SUBMITTED TO CLERKS OFFICE AT THE CHARTER TOWNSHIP OF OAKLAND 4393 COLLINS ROAD ROCHESTER, MICHIGAN 48306 IN A SEALED ENVELOPE MARKED “RFP-BEAR CREEK NATURE PARK WATER WELL AND HYDRANT INSTALLATION” ON OR BEFORE March 24th, 2020 @ 3 P.M.

**The proposal must contain the following information:**

1. **Completed and Signed Bid Form.** Include in your bid, rates for equipment, including operator and mobilization, as described in the Summary of Work.

2. **Proposed work schedule.** Provide a proposed work schedule.

3. **3 References.** Provide 3 references of similar work.

4. **State Registration Certificate.** Provide a water well driller state registration certificate.

5. **Insurance Certificate with Proof of Additional Insured.** See Attachment A for details of insurance requirements.
6. **Attachment B.** Certification that Vendor is not an Iran Linked Business.

7. **Bidder warranty period** parts and labor.
BID FORM

NAME OF BIDDER __________________________________________________________

MICHIGAN REGISTERED WATER WELL AND PUMP INSTALLATION CONTRACTOR

REGISTRATION NUMBER____________________________________________________

BIDDER WARRANTY PERIOD ON PARTS AND LABOR__________________________

ADDRESS

________________________________________________________

________________________________________________________

PHONE

________________________________________________________

TO:
Oakland Township Clerk
Charter Township of Oakland, 4393 Collins Road, Rochester, MI 48306

BID FOR: “BEAR CREEK NATURE PARK WATER WELL AND HYDRANT
INSTALLATION”

TOTAL BID PRICE $____________________________

If awarded the Contract, the undersigned agrees that time is an essential condition of the Contract and will
totally complete and perform the work within the dates listed on the Anticipated Schedule (unless adverse
weather conditions prevent work, in which case the completion time will be determined by the Owner and
Contractor).
The undersigned further proposes: to provide all, labor, supplies, permits, new and current materials,
transportation and equipment required to perform the Work described herein; and to complete the Work
described herein in strict accordance with the Summary of Work, Instructions to Bidder, Bid Form,
Specifications, Maps, Addenda (if any), and other Contract Documents, all of which are incorporated in
this Proposal as if set forth at length herein.

This Proposal has been prepared with the knowledge that control of the project site and coordination of
the work of this Contract with the work of others will be subject to the direction of the Charter Township
of Oakland, Charter Township of Oakland Parks and Recreation Commission, or their agents. The
undersigned agrees that cooperation with other contractors in coordinating the work is offered as a part of
this Proposal.

In submitting this bid, it is understood that the right is reserved by the Owner, in its sole discretion, to
accept any bid, to reject any or all bids or parts of bids, to waive irregularities and/or formalities in any
bid and to make award in any manner deemed in the best interest of the Owner, Charter Township of
Oakland Parks and Recreation Commission. It is further understood that the Owner reserves the right, in
its sole discretion on an area by area basis to one or more Contractors.

It is the policy of Oakland Township Parks and Recreation Commission to provide equal employment opportunity to all persons, regardless of age, race, religion, color, national origin, sex, political affiliations, marital status, non-disqualifying physical or mental disability, age, sexual orientation, membership or non-membership in an employee organization, or on the basis of personal favoritism or other non-merit factors, except where otherwise provided by law.

SIGNED THIS ____ DAY OF ___________________, 2020.

Respectfully Submitted,

BY: __________________________________
   Authorized Signature of Bidder

TITLE: _______________________________

Completed and signed bid form included?       Yes____   No____
Proposed work schedule included?              Yes____   No____
3 References included?                        Yes____   No____
State registration certificate included?      Yes____   No____
Insurance Certificate with Proof of Additional Insured Included? Yes____   No____
Attachment B Included?                        Yes____   No____
Bidder warranty period parts and labor        Yes____   No____

TAXES
Townships are exempt from Michigan State Sales and Federal Excise taxes. Do not include such taxes in the bid proposal figures. The Charter Township of Oakland will furnish the successful bidder with the tax exemption certificates when required.

ADDENDA
Addendum No.  _______________  Dated  _______________

Addendum No.  _______________  Dated  _______________
LEGAL ADDRESS, FIRM DESIGNATION AND SIGNATURE
The Undersigned hereby declares that the address given below is the legal address to which all written notices, directions or other communications may be served or mailed:

Street _________________________________________________________________

City _____________________________ State _________________ Zip ____________

Undersigned declares this bid is submitted in the name of:
_________________________________________________________________

Which has the following legal status:

_____ Corporation, organized and operating under the laws of the State of

Federal Tax I.D. Number: _________________

_____ Partnership, with partners as follows: ________________________________

Federal Tax I.D. Number: _________________

_____ Individual, doing business as ______________________________________

Federal Tax I.D. Number: _________________ or Social Security Number: ____________

The Undersigned has the authority to represent the above-named firm and has the title therein of:

Signature ___________________________________________________________

Dated _______________________________________________________________

In the Presence of ____________________________________________________

END OF BID FORM

ATTACHMENTS

A. Charter Township of Oakland Parks and Recreation Commission’s Insurance Requirements
B. Vendor Certification that It Is Not An “Iran Linked Business”
C. Approved Water Well Permit Application – Oakland County Health Division.
D. Literature for 2 - Woodford Model S4H sanitary yard hydrants.
Certificate of Liability Requirements for Oakland Township Vendors

Insurance coverage and limits required are:

**Workers’ Compensation Insurance:** The Contractor, including sole proprietors with any employees, shall procure and maintain during the life of this contract, Workers’ Compensation Insurance, including Employers’ Liability Coverage, in accordance with all applicable statutes of the State of Michigan. If the Contractor is a sole proprietor with no other employees, in lieu of Workers’ Compensation Insurance, the Contractor must submit a Waiver of Workers Compensation.

**Commercial General Liability Insurance:** The Contractor shall procure and maintain during the life of this contract, Commercial General Liability Insurance on an “Occurrence Basis” with limits of liability not less than $1,000,000 per occurrence and aggregate. Coverage shall include the following extensions: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Broad Form General Liability Extensions or equivalent, if not already included; (E) Deletion of all Explosion, Collapse, and Underground (XCU) Exclusions, if applicable.

**Motor Vehicle Liability:** The Contractor shall procure and maintain during the life of this contract Motor Vehicle Liability Insurance, including Michigan No-Fault Coverages, with limits of liability not less than $1,000,000 per occurrence combined single limit for Bodily Injury, and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

**Additional Insured:** Commercial General Liability and Motor Vehicle Liability Insurance, as described above, shall include an endorsement* stating the following shall be Additional Insureds: “The Charter Township of Oakland, The Charter Township of Oakland Parks and Recreation Commission, all elected and appointed officials thereof, all employees, agents and volunteers thereof, and all boards, commissions and/or authorities thereof, including all members, employees, agents and volunteers thereof.”

**Certificate Holders:** Commercial General Liability and Motor Vehicle Liability Insurance shall list as certificate holders: 1) Charter Township of Oakland and 2) Charter Township of Oakland Parks and Recreation Commission. The mailing address for both agencies is 4393 Collins Road, Rochester, MI 48306.

**Format for providing proof of insurance:**

To provide evidence that the vendors of the Oakland Township Parks and Recreation Commission have the required types and amounts of insurance coverage during their term of service, vendors are required to provide both a Certificate of Insurance and evidence that the Charter Township of Oakland has been given Additional Insured Status on liability policies, by furnishing *either the endorsement to the policy or the appropriate language from the actual policy which grants the additional insured status. Vendors: Any insurance-related questions? Call Keith Potter (Ibex) at 248-538-0470.
ATTACHMENT B

VENDOR CERTIFICATION
THAT IT IS NOT AN
“IRAN LINKED BUSINESS”

Pursuant to Michigan law, (the Iran Economic Sanctions Act, 2012 PA 517, MCL 129.311 et seq.), before accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must first certify that it is not an “IRAN LINKED BUSINESS”, as defined by law.

Vendor: ________________________________________________________________

Legal Name: __________________________________________________________

Street Address: _________________________________________________________

City: __________________________________________________________________

State and Zip: __________________________________________________________

Corporate ID # /State: __________________________________________________

Taxpayer ID #: _________________________________________________________

The undersigned, with: 1) full knowledge of all of Vendors business activities, 2) full knowledge of the requirements and possible penalties under the law MCL 129.311 et seq., and 3) the full and complete authority to make this certification on behalf of the Vendor, by his/her signature below, certifies that: the Vendor is NOT an “IRAN LINKED BUSINESS” as required by MCL 129.311 et seq., and as such that Vendor is legally eligible to submit a bid and be considered for a possible contract to supply goods and/or services to Charter Township of Oakland Parks and Recreation Commission.

Signature of Vendor’s Authorized Agent: ________________________________

Printed Name of Vendor’s Authorized Agent: ______________________________

Witness Signature: _____________________________________________________

Printed Name of Witness: _______________________________________________
April 10, 2019

MELINDA MILOS-DALE
4393 COLLINS ROAD
ROCHESTER, MI 48306

RE: ADDENDUM TO PERMIT TO CONSTRUCT A PUBLIC WATER SUPPLY AT BEAR CREEK NATURE PARK, 740 WEST SNELL ROAD, OAKLAND TOWNSHIP, MI 48363

PERMIT NUMBER: W1963-0001 WSSN: 22941-63

Dear Ms. Milos-Dale:

Enclosed is the approved Type II well permit application for the above captioned site.

Please note the conditions of the permit are as follows:

CONSTRUCTION
The well must be constructed in accordance with the Michigan Water Well Construction and Pump Installation Code (Part 127 of Act 368, P.A. 1978, as amended, and rules).

ISOLATION
All Type II B public wells must meet or exceed minimum isolation distances as set forth in the Michigan Safe Drinking Water Act, Act 399, P.A. of 1976, as amended and rules (SDWA), and Part 127, Act 368, P.A. 1978, as amended, and rules.

Type II water wells are to be located at least 75 feet away from standard sources of potential contamination, including but not limited to, septic systems, sewer lines, storm water run-off catch basins, buried storm water lines, and surface water.

Type II water wells are to be located at least 800 feet from major sources of potential contamination, including but not limited to, chemical storage tanks, buried fuel tanks, waste water lagoons, and buried waste holding tanks.

Owner may be required to comply with other applicable laws, regulations, ordinances, and codes related to the water supply at this location.

GROUTING
The well must be grouted using material and methods approved by the Michigan Department of Environmental Quality (DEQ). The grouting addendum enclosed with the permit addresses proper grouting requirements. The grouting addendum specifies grout from the bottom of the casing up to the surface.

CAPACITY
The well must have a capacity of 16 gallons per minute (gpm) and the well pump must be capable of producing this minimum.
INSPECTION
Please inform the well driller that a grouting inspection is required. The well driller must call (248) 858-1332 or (248) 858-1342 at least twenty-four (24) hours before drilling to schedule an inspection during the grouting operation.

A final inspection and approval of the complete water system is required prior to putting the system into operation for the public.

WELL RECORD
The well contractor is to complete the well record and submit a copy directly to OCHD within 60 days of well completion. This well record will be used for verification of well installation and capacity at the time of final inspection. The final inspection will not occur until the well log is received.

DISINFECTION, SAMPLING, & FINAL INSPECTION
The DEQ has found that the most effective method is placing heavily chlorinated water into the well to displace at least two times the amount of water in the casing. This method is called the displacement method. Heavily chlorinated water is pumped into the system, and allowed to remain in the system for a minimum of twenty-four (24) hours. After a contact time of a minimum of twenty-four (24) hours, the system is pumped to waste.

When the entire distribution system is in operation, including disinfection and pumping to waste, OCHD, must be contacted for final inspection and sampling. A minimum of two (2) consecutive satisfactory coliform bacteria water samples (at least twenty-four (24) hours apart with no chlorine residual in the system) and an acceptable nitrate/nitrite sample must be obtained prior to final approval of the water supply. One of the required coliform samples is to be collected at the time of the final inspection. All other required samples are the responsibility of the applicant.

If you have not chosen the well contractor yet, please make sure that you provide him or her with a copy of the permit, the grouting addendum, AND THIS LETTER so that he or she is aware of the permit requirements.

If there are any questions regarding what is required, or if changes to the permit are proposed, please contact the Oakland County Health Division prior to well construction at (248) 858-1342.

Sincerely,

OAKLAND COUNTY HEALTH DIVISION
Department of Health and Human Services

Megan Retel, REHS
Senior Public Health Sanitarian
Environmental Health Services

Enclosures
This permit addendum is intended to notify the property owner and well drilling contractor for grouting requirements for the proposed water well. It is the owner's responsibility to provide the well drilling contractor with a copy of the permit and grouting addendum prior to beginning construction.

**WELL TYPE:**  
**X** Single Family Dwelling  
___ Public  
___ Other

**WELL SITE STATUS:**  
**X** Standard Well Site  
___ Groundwater Contamination Site:  
___ Contaminant Type Level  
___ Reduced Isolation Distance  
___ Flowing Well Site  
___ Other

**GROUTING METHOD FOR DRIVING CASING**  
(E.G. CABLE TOOL, HOLLOW ROD)

**GROUTING METHOD:**

**X** Standard Method  
(Driving With Granular Bentonite)

___ Conductor Pipe To ___ Feet  
___ Other

**GROUTING MATERIAL:**

___ Neat Cement Slurry  
___ High Solids Bentonite Slurry  
___ Granular (driven casing methods only)

**X** Any Of The Above  
___ Other (specify)

**GROUTING METHODS:**

For oversize drill holes:
Neat cement or bentonite grout shall be placed through the permanent casing or grout pipe from the bottom of the annular space upward to the ground surface in a continuous operation without interruption. The density of the grout flowing from the annular space at the ground surface shall be the density of the grout being pumped in. Pouring of neat cement or bentonite slurries into the annulus is not permitted.

For driven casing:
Dry granulated bentonite shall be maintained around the permanent casing as it is being driven.

**COMMENTS:**

**LHD/MDEQ NOTIFICATION:**

**X** LHD Must Be Notified Prior To Grouting Of The Well  
___ LHD/MDEQ Notification Not Required


**Department of Environmental Quality**  
**Office of Drinking Water and Municipal Assistance**  
**Application and Permit to Install Water Supply System**  
Completion is required under the authority of Part 13, 1976 PA 399

Shaded areas for Local Health Department or DEQ use only.  

<table>
<thead>
<tr>
<th>Permit to:</th>
<th>☑ Construct a Public Well Under 1976 PA 399</th>
<th>☐ Alter a Public Well Under 1976 PA 399</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Permit Number</td>
<td>W1963-001</td>
<td>WSSN 1274160</td>
</tr>
<tr>
<td>Source ID</td>
<td>ID 001</td>
<td></td>
</tr>
</tbody>
</table>

**Establishment Name:** Deer Creek Nature Park  
**Address:** 740 West Swell Rd

**City:** Oakland Township  
**State:** MI  
**Zip:** 48363

**Owner/Manager Name:** Charter Township of Oakland Parks and Recreation Commission  
**Address:** 1393 Collins Rd Rochester, MI 48306  
**Contact Phone:** 248-651-7810

**Average No. of Persons Served Per Day:** 50  
**No. of Service Connections:** 3

**Premise Type:** Township Park  
(Park, Campground, School, etc.)  
**License Type:** Food, Campground, DHS, etc.

**Seasonal Operation:** No

**Application Name:** Melinda Miles  
**Address:** 4393 Collins Road

**City:** Rochester  
**State:** MI  
**Zip:** 48306

I hereby apply for this permit and have authorization to do so. I understand this is a construction permit only and the well is not to be put into service until approval has been granted. I further state the information given is accurate and complete.

**Applicant's Signature:** Melinda Miles  
**Date:** 2-22-19  
**Phone:** 248-461-9950

DO NOT PROCEED WITH CONSTRUCTION WITHOUT PERMIT APPROVAL FROM THE LOCAL HEALTH DEPARTMENT  
PERMIT IS VALID FOR 2 YEARS FROM THE DATE OF ISSUANCE

| Well Site Evaluation By: | Megan Retel | Date: 1/19/19  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification Type IIA</td>
<td>☐ Type IB ✓</td>
<td>Required Minimum Pump Capacity: 14 GPM</td>
</tr>
<tr>
<td>Standard Isolation Area:</td>
<td>75 ft.</td>
<td>Major Isolation Area: 800 ft.</td>
</tr>
</tbody>
</table>

**Permit Conditions/Deviations:** See attached Computed Addendum and Letter dated April 10, 2019 for construction specifications. Well is to be located at least 800 ft. from all chemical storage or known contamination, and at least 15 feet from all current or future septic systems, sewer lines, 800m water lines, catch basins and buried storm water lines.

**Final Inspection By:**  
**Date:**  

<table>
<thead>
<tr>
<th>Casing Termination Approved:</th>
<th>Yes ☑ No ☐</th>
<th>Storage Tank Approved:</th>
<th>Yes ☑ No ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Location Approved:</td>
<td>Yes ☑ No ☐</td>
<td>Sample Tap Approved:</td>
<td>Yes ☑ No ☐</td>
</tr>
<tr>
<td>Well Construction Approved:</td>
<td>Yes ☑ No ☐</td>
<td>Pressure Relief Valve:</td>
<td>Yes ☑ No ☐</td>
</tr>
<tr>
<td>Well Record Approved:</td>
<td>Yes ☑ No ☐</td>
<td>Pump Capacity Adequate:</td>
<td>Yes ☑ No ☐</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1st Coliform Bacteria Test:</th>
<th>Result:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Coliform Bacteria Test:</td>
<td>Result:</td>
<td>Date:</td>
</tr>
<tr>
<td>Water Supply Approved By:</td>
<td>Date:</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:** On-site waste disposal system is installed at time of site evaluation on 1/9/19.
After well construction is completed, a water well and pump record must be submitted and approved, the local health department is to be notified for final inspection, and applicable sampling of the well and water supply system is to be completed. Approval from the local health department is required prior to placing water supply well into service.
**Please include manufacturer specifications for water demand (gpm) required per fixture.**

Fixture count sheet to be completed and submitted with the permit application.

11/2012
No Horses on Limestone Trails
March 1 - June 8
ADA Compliant Self-Closing

The Model S4H is an automatic draining, sanitary, frost proof Yard Hydrant, with ASSE 1052 double check backflow preventer. This hydrant is designed for use in public areas such as campgrounds and parks or any location were potable water is required.

Unlike conventional hydrants which drain the water into the ground, the Model S4H employs a reservoir below frost line to contain the water. The hydrant is completely sealed to prevent surface and ground water from entering reservoir or service line. The valve, with its unique venturi design, removes the stored water along with the water being used.

The Model S4H is equipped with a diverter spout, which allows the hydrant to be operated independently from the backflow preventer. When the hydrant is to be used with a hose, the diverter sleeve is pulled down during flow and water is automatically diverted to the backflow preventer hose connection. The diverter will work with or without a hose attached to the backflow preventer and will automatically release any time the hydrant is shut off.

An important feature of the S4H is easy maintenance. The entire working portion of the hydrant can be removed from the reservoir without any excavation.

SPECIFICATIONS:
HOSE CONNECTION BACKFLOW PREVENTER (BFP)
• NIDEL® Model 37HF
• ASSE 1052 Approved
• Field Testable (see instruction sheet)
• Two Check Valves
OPTIONAL: ASSE 1057 listed - Consists of NIDEL® Model 34HF Single Check Vacuum Breaker
Order example: S4H-Bury Depth-SC

ADA COMPLIANT - Meets ADA requirements for height and 5 lbs. Max operating force.

PATENT - See website for more information:
http://www.WoodfordMfg.com/Woodford/patents/

FEMALE INLET - 1” N.P.T.
FINISH - Painted Forest Service brown.
MIN PRESSURE - 20 psi
MAX PRESSURE - 100 psi
MAX TEMPERATURE - 120° F

FLOW RATES (GPM)

<table>
<thead>
<tr>
<th>PSI</th>
<th>DIVERTER</th>
<th>BFP</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>7.0</td>
<td>1.5</td>
</tr>
<tr>
<td>30</td>
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<td>3.0</td>
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<tr>
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<td>9.0</td>
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<tr>
<td>90</td>
<td>14.5</td>
<td>9.5</td>
</tr>
<tr>
<td>100</td>
<td>15.0</td>
<td>10.0</td>
</tr>
</tbody>
</table>

NOTICE

FOR WINTER USE: The hydrant must be operated at full flow, through the diverter, for a minimum of 30 seconds before and after each use to drain the hydrant and prevent freezing.

For Installation / Troubleshooting Instructions go to www.woodfordmfg.com or call 1-800-621-6032

When ordering, specify bury depth.