

**BID DOCUMENTS
FOR
FIRE HYDRANT PAINTING**



**CITY OF OWOSSO
301 W. MAIN STREET
OWOSSO, MICHIGAN 48867**

September 5, 2019

**NOTICE TO BIDDERS
FOR THE CITY OF OWOSSO, MICHIGAN
FIRE HYDRANT PAINTING**

Sealed proposals will be received by the city of Owosso for the **Fire Hydrant Painting** bid and should be addressed to:

Bid Coordinator
City of Owosso
301 W. Main Street
Owosso, Michigan 48867

Major Items Include: Sandblasting and Painting 145 Fire Hydrants within City of Owosso Distribution System, which reside in Owosso Charter Township and Caledonia Charter Township.

Bids will be accepted until **3:00 p.m. Thursday, September 19, 2019** for the **Fire Hydrant Painting** at which time bids will be publicly opened and read aloud.

All bids must be in writing and must contain an original signature by an authorized officer of the firm. Electronic bids (i.e., telephonic, fax, email, etc.) are **NOT** acceptable.

The bidder agrees that if the city accepts their proposal, the bidder will, within 10 consecutive calendar days after receiving notice of this acceptance, enter into a contract to furnish all labor, equipment and tools necessary to execute the work at the unit prices named in the bid proposal and will furnish the surety for performance, for one hundred percent (100%) of this bid, which shall be accepted and approved by the city.

All bids shall clearly contain on the outside of the **sealed** envelope in which they are submitted:

Fire Hydrant Painting Bid

Hard copies of the proposal, contract forms and specifications are on file and may be obtained for a fee in accordance with the city's FOIA Policy at the office of the Bid Coordinator, City Hall, 301 West Main Street, Owosso, Michigan 48867. Bid documents are available at no charge on our website at www.ci.owosso.mi.us or on the MITN website at www.mitn.info.

The city reserves the right to accept any proposal; or to reject any proposal; to waive irregularities in a proposal; or to negotiate if it appears to be in the best interest of the city of Owosso.

Work can begin within one week of signing contract pending weather conditions and completed before the painting season ends or continued in Spring 2020 if deemed necessary by City of Owosso.

INQUIRIES/ADDENDUMS

Addendums will be available on the city's website at www.ci.owosso.mi.us and on the MITN website at www.mitn.info.

All inquiries regarding this bid request must be received at least five (5) calendar days prior to the submission and shall be received in, and responded to, in writing, or via FAX at 989-723-8854 or by e-mail to david.haute@ci.owosso.mi.us

INSTRUCTIONS TO BIDDERS

1. Each proposal must be signed by the bidder with his usual signature. Bids by partnerships should be signed with the partnership name by one of the members of the partnership or by an authorized representative, followed by the signature and title of the person signing. Proposals by corporations must be signed with the name of the corporation, followed by the signature and designation of the president, vice-president or person authorized to bind it in the matter. **Any paperwork not filled out properly or signed will cause the bid to be considered non-responsive and shall be rejected by the city.**
2. Proposals, to receive consideration, must be received prior to the specified time of opening and reading as designated in the invitation.
3. Bidders are requested to use the proposal form furnished by the city when submitting their proposals. Envelopes must be **sealed** when submitted and clearly marked on the outside indicating the name of the bid.
4. Proposals having and erasures or corrections thereon may be rejected unless explained or noted over the signature of the bidder.
5. References in the specifications or description of materials, supplies, equipment, or services to a particular trade name, manufacturer's catalog, or model number are made for descriptive purposes to guide the bidder in interpreting the type of materials or supplies, equipment, or nature of the work desired. They should not be construed as excluding proposals on equivalent types of materials, supplies, and equipment or for performing the work in a manner other than specified. However, the bidders' attention is called to General Condition seven (7).
6. Proposals should be mailed or delivered to the Bid Coordinator's Office, City Hall, 301 W. Main Street, Owosso, MI 48867.
7. Special conditions included in this inquiry shall take precedence over any conditions listed under General Conditions or Instructions to Bidders.
8. Insurance coverage –The winning bidder, prior to execution of the contract, shall file with the city copies of completed certificates of insurance naming the city of Owosso as an additional insured party, as evidence that the contractor carries adequate insurance satisfactory to the city.
9. The city of Owosso has a local preference policy for the purchase of goods and services. The policy in part states: *A business located within the city limits and paying real or personal property taxes to the city of Owosso will be granted a six percent (6%) bid advantage or \$2,500, whichever is less, over a business located outside Shiawassee County. A business located outside the city limits but within Shiawassee County and paying property taxes to the county will be granted a three percent (3%) bid advantage or \$2,500, whichever is less, over a business located outside Shiawassee County. The preference also applies to subcontractors performing twenty-five percent (25%) or more of the work of a general contract.*
10. **The following items must be included with the bid response: Vendor Proposal**
 - a. **Local Preference Affidavit**
 - b. **W-9 Request for Taxpayer ID No. and Certification**
 - c. **Signature Page & Legal Status/ Acknowledgement of Addendum(s)**
 - d. **Insurance Endorsement**

BID Proposal

TO: THE CITY OF OWOSSO (HEREINAFTER CALLED THE "CITY")

Bidder must provide pricing for each item listed. If additional pricing elements are being offered by the bidder, list under "other services/items offered."

The undersigned, having examined the bid proposal forms and specifications, does hereby offer to Sandblast and Paint Fire Hydrants as shown below at the following prices to wit:

Item	Description	Approx. Quantity	Unit	Unit Price	Total Price
1	Caledonia Charter Township	91	EA		
2	Owosso Charter Township	54	EA		
Grand Total					
3	Additional Hydrants	N/A	Each		N/A

Bidder's Initial _____

VARIANCE FROM SPECIFICATIONS: If the bidder is unable to comply with the specifications as outlined, the bidder shall clearly note these variations from the specifications. The bidder may also propose additions to these specifications for the city to consider, but the costs associated with these additions shall be stated separately.

On behalf of _____, I hereby submit this proposal for Fire Hydrant Painting Bid for your consideration. The undersigned acknowledges that this proposal is subject to the General Conditions and the General Specifications included in the contract documents. In submitting this proposal, it is understood that the right is reserved by the CITY to reject any and all proposals, and waive any irregularities in the bidding process. The CITY may award this contract based on any combination of the total bid and/or alternates.

Dated and signed at _____ State of _____

This _____ day of _____, 20_____.

Witness:

By/s/

Bidder

Business Address

Signature

Printed Name

Title

Telephone Number

E-Mail Address

GENERAL CONDITIONS

1. LOCAL PREFERENCE POLICY

The city of Owosso has a local preference policy for the purchase of goods and services. The policy in part states: *A business located within the city limits and paying real or personal property taxes to the city of Owosso will be granted a 6% bid advantage or \$2,500, whichever is less, over a business located outside Shiawassee County. A business located outside the city limits but within Shiawassee County and paying property taxes to the county will be granted a 3% bid advantage or \$2,500, whichever is less, over a business located outside Shiawassee County. The preference also applies to subcontractors performing 25% or more of the work of a general contract.*

2. BID ACCEPTANCE

The city reserves the right to reject any or all proposals. Unless otherwise specified, the city reserves the right to accept any item in the proposal. In case of error in extending the total amount of the bid, the unit prices shall govern.

3. PAYMENT

Unless otherwise stated by the bidder, time, concerning discount offered, will be computed from date of delivery and acceptance at destination or from date correct bill or claim voucher properly certified by the contractor is received. When so stated herein, partial payments, based on a certified approved estimate by the city of materials, supplies or equipment delivered or work done, may be made upon presentation of a properly-executed claim voucher. The final payment will be made by the city when materials, supplies, equipment or the work done have been fully delivered or completed to the full satisfaction of the city.

4. BID DEFAULT

In case of default by the bidder or contractor, the city of Owosso may procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.

5. UNIT PRICES

Prices should be stated in units of quantity specified.

6. QUOTED PRICES

Unless otherwise stated by the bidder, prices quoted will be considered as being based on delivery to a designated destination and to include all charges for packing, crating, containers, shipping, etc., and being in strict accordance with specifications and standards as shown.

7. SUBSTITUTIONS

Wherever a reference is made in the specifications or description of the materials, supplies, equipment, or services required, to a particular trade name, manufacturer's catalog, or model number, the bidder, if awarded a contract or order, will be required to furnish the particular item referred to in strict accordance with the specifications or description unless a departure or substitution is clearly noted and described in the proposal.

8. HOLD CITY HARMLESS

The bidder, if awarded an order or contract, agrees to protect, defend, and save the city harmless against any demand for payment for the use of any patented material, process, article, or device that may enter into the manufacture, construction, or form a part of the work covered by either order or contract. Bidder further agrees to indemnify and save the city harmless from suits or action of every nature and description brought against it, for or on account of any injuries or damages received or sustained by any party or parties, by or from any of the acts of the contractor, his employees, subcontractors, or agents.

9. COMPETITIVE BIDDING STATUTES

The laws of the state of Michigan, the charter and ordinances of the city of Owosso, as far as they apply to the laws of competitive bidding, contracts and purchases, are made a part hereof.

10. SAMPLES

Samples, when requested, must be furnished free of expense to the city and, if not destroyed, will upon request be returned at the bidder's expense.

11. EQUAL EMPLOYMENT OPPORTUNITY AND OTHER CLAUSES

The contractor shall agree not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined by Michigan Compiled Statutes, or national origin. This provision shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training including apprenticeship. The contractor further agrees to take affirmative action to ensure equal employment opportunities for persons with disabilities. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provision of the non-discrimination clause.

LOCAL PREFERENCE POLICY

The following affidavit should be completed if a bidder is located within Shiawassee County or intends to sub-contract more than twenty-five percent (25%) to a Shiawassee County based business: The city of Owosso has a local preference policy for the purchase of goods and services as recorded in the city ordinance in section 2-348. "Lowest qualified bidder" defined.

1. The term "lowest qualified bidder," as used in this division, shall mean the lowest bidder having qualifications to perform the work which are satisfactory to the council. The lowest bidder shall be determined based on an adjusted bid tabulation which shall be prepared in the following manner: To the bid of any bidder which is neither a city-based business nor a county-based business shall be added an amount equal to six (6) percent of the bid or two thousand five hundred dollars (\$2,500.00), whichever is less.
2. To the bid of any bidder which is a county-based business shall be added an amount equal to three (3) percent of the bid or two thousand five hundred dollars (\$2,500.00), whichever is less; provided, however, that if no bid is received from a city-based business, no additional amount shall be added to the bid of a county-based business.
3. "Owosso-based business" shall be interpreted to mean a business registered with the county clerk or a corporation registered with the state having a business address within the city limits which pays real and/or personal property taxes levied by the city.

The term "county-based business" shall be interpreted to mean a business other than a city-based business registered with the county clerk or a corporation registered with the state having a business address within the county which pays real and/or personal property taxes levied by the county.

4. If twenty-five (25) percent or more of a contract for construction or other services is to be subcontracted by a city-based business bidder to a non-city-based business or businesses, or by a county-based business bidder to a non-county-based business or businesses, the adjusted bid shall be calculated by applying the provisions of this section separately to each portion of the contract based on the status of the contractor or subcontractor performing that portion of the contract as a city-based or county-based business.

AFFIDAVIT

In accordance with Section 2-348 of the Owosso city code, the bid from a business located in Shiawassee County shall be adjusted to reflect a preference. In order for the city to calculate the adjustment, the bidder hereby deposes and states that their business address is registered, and is currently paying real and/or personal property taxes in Shiawassee County at the following address:

Registered business address

The affiant further deposes and states that a sub-contract with a business registered, and paying real and/or personal property taxes in Shiawassee County will be executed for a percentage equal to or greater than twenty-five percent (25%) as stated below:

Business name and address of sub-contractor

Percentage of contract

Authorized signature

Date

Title

Company name

SIGNATURE PAGE AND LEGAL STATUS

The undersigned certifies that he is an official legally authorized to bind his firm and to enter into a contract should the city accept this proposal.

Bid proposal by _____
(Name of Firm)

Legal status of bidder. Please check the appropriate box and **USE CORRECT LEGAL NAME.**

A. Corporation ____ ; State of Incorporation _____

B. Partnership ____ ; List of names _____

C. DBA ____ ; State full name _____ DBA

D. Other ____ ; Explain _____

Signature of Bidder _____ Title _____
(Authorized Signature)

Printed name _____

Signature of Bidder _____ Title _____
(Authorized Signature)

Printed name _____

Address _____ City _____ Zip _____

Telephone () _____ E-Mail _____

Signed this _____ day of _____ 20____.

Bidder acknowledges receipt of the following Addenda:

ADDENDUM NO.	BIDDER'S INITIALS
_____	_____
_____	_____
_____	_____

PROOF OF INSURANCE

This is to certify that the following endorsement is part of the policy (ies) described below:

NAMED INSURED (CONTRACTOR)

COMPANIES AFFORDING COVERAGE

- A.
- B.
- C.

ADDRESS

It is hereby understood and agreed that the city of Owosso, its city council and each member thereof and every officer and employee of the city shall be named as joint and several assureds with respect to claims arising out of the following project:

FIRE HYDRANT PAINTING

It is further agreed that the following indemnity agreement between the city of Owosso and the named insured is covered under this policy: Contractor agrees to indemnify, hold harmless and defend city, its city council and each member thereof and every officer and employee of city from any and all liability or financial loss resulting from any suits, claims, losses or actions brought against and from all costs and expenses of litigation brought against city, its city council and each member thereof and any officer or employee of city which results directly or indirectly from the wrongful or negligent actions of contractor’s officers, employees, agents or others employed by Contractor while engaged by contractor in the (performance of this agreement) construction of this project.

It is further agreed that the inclusion of more than one assured shall not operate to increase the limit of the company’s liability and that insurer waives any right on contribution with insurance which may be available to the city of Owosso.

The contractor, or any of their subcontractors, shall not commence work under this contract until they have attained the insurance required below, and shall keep such insurance in force during the entire life of this contract. All coverage shall be with insurance companies licensed and admitted to do business in the State of Michigan and acceptable to the city of Owosso. The requirements below should not be interpreted to limit the liability of the Contractor. All deductibles and SIR’s are the responsibility of the Contractor.

The Contractor shall procure and maintain the following insurance coverage:

1. **Worker’s Compensation Insurance** including Employers’ Liability Coverage, in accordance with all applicable statutes of the State of Michigan.
2. **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.
3. **Automobile Liability** 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.
4. **Additional Insured:** Commercial General Liability and Automobile Liability, as described above, shall include an endorsement stating the following shall be **Additional Insureds:** City of Owosso, all elected and appointed officials, all employees and volunteers, all boards, commissions, and/or authorities and board members, including employees and volunteers thereof. It is understood and agreed by naming City of Owosso as additional insured, coverage afforded is considered to be primary and any other insurance the city of Owosso may have in effect shall be considered secondary and/or excess.
5. **Cancellation Notice:** All policies, as described above, shall include an endorsement stating that it is understood and agreed that a Ten (10) days notice for non-payment of premium is required and a Thirty (30) days notice is required for Non-Renewal, Reduction, and/or Material Change, shall be sent to: City of Owosso, Bid Coordinator, 301 W. Main Street, Owosso, Michigan 48867.

6. **Proof of Insurance Coverage:** The Contractor shall provide the city of Owosso, at the time that the contracts are returned by him/her for execution, a Certificate of Insurance as well as the required endorsements. In lieu of required endorsements, if applicable, a copy of the policy sections where coverage is provided for additional insured and cancellation notice would be acceptable. Copies or certified copies of all policies mentioned above shall be furnished, if so requested.

If any of the above coverages expire during the term of this contract, the Contractor shall deliver renewal certificates and endorsements to the city of Owosso at least ten (10) days prior to the expiration date.

Please include a copy of insurance declaration verifying amounts of coverage. The verification of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate or verification of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

DATE _____

BY _____
Authorized Insurance Agent

AGENCY _____

TITLE _____

ADDRESS _____

W-9 INFORMATION FOR LEGAL STATUS

Sole proprietor. Enter your individual name as shown on your income tax return on the “Name” line. You may enter your business, trade, or “doing business as (DBA)” name on the “Business name/disregarded entity name” line.

Partnership, C Corporation, or S Corporation. Enter the entity's name on the “Name” line and any business, trade, or “doing business as (DBA) name” on the “Business name/disregarded entity name” line.

Disregarded entity. Enter the owner's name on the “Name” line. The name of the entity entered on the “Name” line should never be a disregarded entity. The name on the “Name” line must be the name shown on the income tax return on which the income will be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a domestic owner, the domestic owner's name is required to be provided on the “Name” line. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on the “Business name/disregarded entity name” line. If the owner of the disregarded entity is a foreign person, you must complete an appropriate Form W-8.

Note. Check the appropriate box for the federal tax classification of the person whose name is entered on the “Name” line (Individual/sole proprietor, Partnership, C Corporation, S Corporation, Trust/estate).

Limited Liability Company (LLC). If the person identified on the “Name” line is an LLC, check the “Limited liability company” box only and enter the appropriate code for the tax classification in the space provided. If you are an LLC that is treated as a partnership for federal tax purposes, enter “P” for partnership. If you are an LLC that has filed a Form 8832 or a Form 2553 to be taxed as a corporation, enter “C” for C corporation or “S” for S corporation. If you are an LLC that is disregarded as an entity separate from its owner under Regulation section 301.7701-3 (except for employment and excise tax), do not check the LLC box unless the owner of the LLC (required to be identified on the “Name” line) is another LLC that is not disregarded for federal tax purposes. If the LLC is disregarded as an entity separate from its owner, enter the appropriate tax classification of the owner identified on the “Name” line.

Other entities. Enter your business name as shown on required federal tax documents on the “Name” line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the “Business name/disregarded entity name” line.

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.</p>		
	<p>2 Business name/disregarded entity name, if different from above</p>		
	<p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>		<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions.</p>	Requester's name and address (optional)	
	<p>6 City, state, and ZIP code</p>		
	<p>7 List account number(s) here (optional)</p>		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 40%; border: 1px solid black; height: 20px;"></td> </tr> </table>		-		-	
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or					
Employer identification number					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 70%; border: 1px solid black; height: 20px;"></td> </tr> </table>		-			
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Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
 - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 - Form 1099-S (proceeds from real estate transactions)
 - Form 1099-K (merchant card and third party network transactions)
 - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

1. PROGRAM OVERVIEW

The Municipalities own, their own water distribution systems, and the City of Owosso maintains them. The hydrants to be sandblasted and painted represent a variety of makes from manufacturers such as, Eddy, Mueller, Clow, Waterous, Traverse City, and East Jordan.

The contractor shall provide all labor, equipment, and materials to sandblast and paint fire hydrants. If necessary, the Municipality will allow contractor (with prior permission granted) to barricade spaces in public parking areas to ensure access to the hydrant for the contractor and minimize or eliminate any potential damage to vehicle.

2. SCOPE OF WORK

The contractor shall be responsible for sandblasting and painting selected hydrants. The City of Owosso will identify hydrants for painting.

3. TECHNICAL SPECIFICATIONS

Hydrants shall be sandblasted and painted in accordance with these specifications.

3.1 **Site Preparation and Protection**

The contractor shall place a protective barrier at the base of each hydrant prior to sandblasting. A protective enclosure shall be placed on top of the barrier at the base and around the fire hydrant to contain slag abrasive and prevent overspray. If necessary, the Municipality will allow contractor (with prior permission granted) to barricade spaces in public parking areas, at the request of the contractor to ensure access to the hydrant for the contractor and minimize any damage to vehicles. The contractor must submit requests to the Municipality 36 hours in advance.

3.2 **Sandblasting**

The contractor shall remove all paint from fire hydrants using high pressure air blast with glass bead abrasive media that is silica free, leaving the entire metal surface of the hydrant bare and exposed. Type equipment to be used in this process shall be an eco-blaster (using water and media) that is dust free. An alternative method of equipment and/or process shall be approved by the Public Services Director. Any paint remaining on the hydrant shall be removed using a wire brush. The hydrant caps are to remain on during the blasting process. Fire hydrants shall be completely free of old paint and grime prior to application of primer or paint. Any hydrants leaking after sandblasting shall be reported immediately.

3.3 **Painting**

Paint – All material shall be brought to the job site in the original sealed and labeled containers of the paint manufacturer and shall be subject to inspection by the City of Owosso. The Contractor shall submit to the City of Owosso, immediately upon completion of the job, certification from the paint manufacturer indicating that the quantity of each coating purchase was sufficient to coat all surfaces in accordance with the specifications and manufacturer's recommendations.

Prime coat – Immediate after surface preparation is complete; one coat of primer paint shall be applied to all exposed metal surfaces of the hydrant. All peaks in the surface profile shall be thoroughly coated. The City of Owosso shall choose the following primers: Eagle Bridges - 2 Part Epoxy Primer. The primer shall be applied per the manufacturer's specifications for complete coverage.

Top coat – After the primer coat has thoroughly dried; the Contractor shall apply a top coat to all surfaces to achieve a wet film thickness recommended by the manufacturer. Choice of top coat will be determined by City of Owosso. The City of Owosso shall choose the following paint for the top coat: Eagle Bridges Epoxy with Urethane and Hardener. Hydrant colors will be specified as: **Safety Red, Safety Orange, Safety Yellow, Safety Green, and Laser Blue.**

2nd Top coat – Apply a second top coat after the manufacturer’s recommended drying time to provide complete coverage.

Primer and paint thickness shall be applied according to manufacturer’s minimum spreading rate per coat plus 1.0 mils. Wet film thickness shall be measured in accordance with current ATSM D4415-95 “Stand Practice for Measurement of Wet Film Thickness by Notched Gages”. Dry film thickness shall be measured in accordance with current SSPC PA2, “Dry Paint Thickness with Magnetic Gauges”. If the specified thickness is not obtained, an additional coat(s) of paint shall be applied.

Paint and primer shall be applied evenly to prevent drips. If paint or primer is applied using a spray method, the CONTRACTOR shall no spray hydrants on days when wind exceeds twenty (20) M.P.H., unless a protective enclosure is used.

The CONTRACTOR shall apply in strict accordance with the applicable manufacturer’s printed data sheet and container label outlining minimum and maximum surface and air temperatures required for application. Paint shall not be applied to wet damp surfaces and shall not be applied in the rain, snow, fog or mist or when the relative humidity exceeds 85%.

No paint shall be applied when it is expected that the relative humidity will exceed 85% and/or the air temperature will drop below recommended levels within 12 hours after paint application. Dew or moisture condensation should be anticipated, and if such conditions are prevalent, painting shall be delayed until certain that the surfaces are dry.

Hydrants shall not be left unprimed for any period of time after sandblasting. After application of the primer coat and/or top coat of paint, the contractor shall place signage on or around the hydrant indicating that there is wet paint. After the primer coat, top coat, or 2nd top coat of paint is dry to the touch, the signage may be removed. Wet paint signage shall be approved by the City of Owosso before use.

3.4 **Site Clean-Up**

The contractor shall remove all trash, excess materials, barriers, enclosures, wrappers, and debris and return the site to its original condition at the end of the day or after painting has been completed.

3.5 **Damage to Parkway**

Damage to the parkway caused by the contractor shall be repaired by the contractor to its original state prior to the final invoice being paid. Damage to the parkway shall include, but not be limited to, cracking of concrete, damage to brick paver driveways, paint spills, and tire ruts in the ground.

4. SCHEDULING OF WORK

The contractor shall schedule all work with the Public Works Director or his/her designee. The sandblasting and painting of most fire hydrants will be done during regular business hours, 7 am to 3 pm. All hydrants identified by the City of Owosso shall be sandblasted and painted within 60 (sixty) days of NOTICE TO PROCEED.

5. WORKZONE SAFETY AND PROPERTY PROTECTION

The contractor shall be responsible for all work zone safety including proper traffic control when necessary. The contractor shall also be responsible for ensuring private property is not damaged while performing the work.

6. DAMAGE TO PRIVATE PROPERTY

The contractor shall take all necessary precautions to prevent damage to trees, grounds, driveways, curbs, sidewalks, structures, or other private property on or adjacent to the work site. Any damage shall be reported in writing to the property owner and the Public Works Department on the day of occurrence. Any damages shall be repaired at the contractor's expense within ten (10) days of the occurrence (Unless demonstrable reason for a delay can be shown with the consent of the City of Owosso).

7. WARRANTY

The contractor shall provide, at a minimum a one (1) year warranty against all workmanship beginning on the date of acceptance of the final invoice by City of Owosso. Warranty items shall include, but are not limited to: chipping, fading, peeling, and improper thickness pursuant to the manufacturer's specifications.

If it is determined that the workmanship is not sufficient to the City of Owosso standards, the Contractor shall return and repair to the satisfaction of the City of Owosso at no additional cost.

CONTRACTOR REFERENCES

Please list below five (5) references for which your firm has performed similar work for municipalities as identified in Bidder Qualifications.

Municipality: _____

Address: _____

City, State, Zip Code: _____

Contact Person/

Telephone Number: _____

Dates of Service/Award

Amount: _____

Municipality: _____

Address: _____

City, State, Zip Code: _____

Contact Person/Telephone

Number: _____

Dates of Service/Award

Amount: _____

Agency: _____

Address: _____

City, State, Zip Code: _____

Contact Person/

Telephone Number: _____

Dates of Service/Award

Amount: _____

Agency: _____

Address: _____

City, State, Zip Code: _____

Contact Person/

Telephone Number: _____

Dates of Service/Award

Amount: _____

Agency: _____

Address: _____

City, State, Zip Code: _____

Contact Person/

Telephone Number: _____

Dates of Service/Award

Amount: _____

FIRE HYDRANT LISTING

	HYDRANT # (new)	LOCATION	Existing Hydrant Color	Existing Hydrant Cap Color	New Hydrant Color	New Hydrant Cap Color	Notes
1	5H-101	North Hickory, at 1540	Y	R	Y	O	
2	5H-102	Velma, at 501	Y	R	Y	R	
3	5H-103	East Oliver, near 1101	R	R	Y	B	NOT SHOWN ON OHM DRAWING
4	5H-104	East Oliver, at 1115	R	R	Y	B	
5	5H-105	East Oliver, at 1231	R	R	Y	G	
6	5H-106	East Oliver, at 1405	R	R	Y	G	
7	5H-107	East Oliver, at Copas/Hintz	R	R	Y	G	
8	5H-108	Cross & Hazelton, West End	Y	2 R	Y	R	EXISTING HYDRANT HAS 2 RED CAPS
9	5H-109	Hintz, across from 315	R	R	Y	B	
10	5H-110	Hintz, at Exchange (1)	R	R	Y	O	
11	5H-111	East Main, at 1028	Y	G	Y	B	
12	5H-112	East Main, at 1060	Y	G	Y	B	
??		East Main, North side of Elite VR Arcade	R	R	Y	B	NOT ON TOWNSHIP LIST
13	5H-113	East Main, at 1201	Y	R	Y	B	
14	5H-114	East Main, at 1345	Y	R	Y	B	
15	5H-115	East Main, at 1365	Y	R	Y	B	
16	5H-116	East Main, at 1489	R	R	Y	B	
17	5H-117	East Main, at 1513	R	R	Y	B	
18	5H-118	East Main, at 1518	Y	Y	Y	B	
19	5H-119	East Main, at 1621 (west of Wal-Mart gas)	Y	Y	Y	G	
20	5H-120	East main, at 1621 (east of Wal-Mart gas)	Y	Y	Y	B	
21	5H-121	East Main, at 1580 (east of Planet Fitness)	Y	Y	Y	B	
22	5H-122	East Main, at 1630 (Aldi's)	R	R	Y	B	
23	5H-123	East Main, at 1709 (Big Boy)	R	R	Y	B	
24	5H-124	East Main, at 1737 (Sherwin Williams)	R	R	Y	B	
25	5H-125	East Main, west of 1855	R	R	Y	B	
26	5H-126	East Main, at 1895 (Auto-Zone)	R	R	Y	B	
27	5H-127	East Main, at Elizabeth	R	R	Y	B	
28	5H-128	East Main, at 2005	R	R	Y	B	
29	5H-129	East Main, at 2085 (Godwins)	R	R	Y	B	
30	5H-130	East Main, at 2205 (west side of Home Depot)	R	R	Y	B	
31	5H-131	East Main, at 2205 (east side of Home Depot)	R	R	Y	B	
32	5H-132	N. State Rd, (north side of Applebees)	R	R	Y	B	
33	5H-133	East Main, at State Rd.	R	R	Y	B	
34	5H-134	East Main, at 2591 (Meijer gas pumps)	Y	Y	Y	B	
35	5H-135	East Main, at 2611 (Enterprise Rental)	R	R	Y	B	
??		East Main, Immanuel Bapt Church Parking Lot	R	R	Y	B	NOT ON TOWNSHIP LIST
36	5H-136	East Main, at Elmwood	R	R	Y	B	
37	5H-137	East Main, at Stanley	R	R	Y	B	
38	5H-138	East Main, at Sylvia	R	R	Y	B	
39	5H-139	Rawleigh, 50' south of East Main	Y	Y	Y	B	
40	5H-140	Rawleigh, at Comstock	Y	Y	Y	B	
41	5H-141	Comstock, 500' east of Rawleigh	Y	Y	Y	B	
42	5H-142	Comstock, 1000' east of Rawleigh	Y	Y	Y	B	
43	5H-143	Airport Drive, near Caledonia Drain	?	?	Y	B	COULD NOT FIND HYDRANT
44	5H-144	Airport Drive, south of 1346 East main	Y	Y	Y	B	
45	5H-145	Airport Drive, at Airport Trail (entrance road)	Y	Y	Y	B	
46	5H-146	Airport Drive, north of terminal area	Y	Y	Y	B	
47	5H-147	Airport Drive, at terminal area	Y	Y	Y	O	
48	5H-148	Grover, 100' east of Rawleigh	Y	Y	Y	B	
49	5H-149	Grover, east of Bullard	Y	Y	Y	G	
50	5H-150	Bullard, north of 421	Y	Y	Y	O	
51	5H-151	Bullard, south end	Y	Y	Y	R	
52	5H-152	Allendale, at Beck	Y	G	Y	B	
53	5H-153	Allendale, at Aiken	Y	G	Y	R	
54	5H-154	Griffin, at Aiken	Y	G	Y	O	
55	5H-155	Harden, at Union	Y	R	Y	O	
56	5H-156	Harden, at east end	?	?	Y	R	BRUSH - CANNOT ACCESS TO SEE
57	5H-157	Grove, at Union	Y	Y	Y	O	
58	5H-158	Grove, west of Division		RED (TOP)	Y	O	
59	5H-159	James, at Division	Y	Y	Y	O	
??		James between Division and west dead end					Hydrant on drawing not on list - not found
60	5H-160	James, at east end	Y	Y	Y	R	
61	5H-161	Rowley, south of Melinda	Y	2R	Y	R	EXISTING HYDRANT HAS 2 RED CAPS
62	5H-162	Kilbourn, at Union	Y	Y	Y	O	
63	5H-163	Kilbourn, at east end	Y	Y	Y	R	
64	5H-164	Owosso Ave., at Linwood	Y	G	Y	G	
65	5H-165	Owosso Ave., at Aiken	Y	G	Y	B	
66	5H-166	Owosso Ave., At 1865 west of Union	Y	Y	Y	R	
67	5H-167	Owosso Ave., at Division	Y	Y	Y	R	
68	5H-168	Owosso Ave., at east end	Y	Y	Y	R	
69	5H-169	Corunna Ave., east of Linwood	Y	G	Y	B	
70	5H-170	Corunna Ave., across from 1823 (south side)	Y	G	Y	?	NOT SHOWN ON OHM DRAWING
71	5H-171	Corunna Ave., east of Aiken (north side)	Y	R	Y	R	
72	5H-172	Corunna Ave., at Union (south side)	Y	G	Y	R	
73	5H-173	Corunna Ave., at 1920	Y	G	Y	R	
74	5H-174	Corunna, Ave., at Division (south side)	Y	G	Y	B	
75	5H-175	Corunna Ave., at 2060	Y	G	Y	B	
76	5H-176	Aiken, south of Corunna Ave.	R	R	Y	B	
77	5H-177	Vandecar, by 1151	Y	Y	Y	?	NOT SHOWN ON OHM DRAWING
78	5H-178	East Main, by 1826 (Art Van - former Sneliders)	R	R	Y	B	
79	5H-179	East Main (North) along Meijers east entrance drive	Y	Y	Y	?	NOT SHOWN ON OHM DRAWING
80	5H-180	Caledonia Dr. 1st hydrant north of E. Main by Godwins	R	R	Y	B	
81	5H-181	Caledonia Drive 2nd Hydrant South of 245 (Assisted Living)	Y	2 G	Y	B	EXISTING HYDRANT HAS 2 GREEN CAPS
82	5H-182	Caledonia Drive end of Phase 1 by 200 Caledonia	Y	2 BLK	Y	G	EXISTING HYDRANT HAS 2 BLACK CAPS
83		North Caledonia Dr. 3rd Hydrant West of staff parking entry West side of building	Y				
84		North Caledonia Dr. 4th Hydrant North of North West Staff Parking lot.	Y				
85		Caledonia Dr. 5th Hydrant North side of Road	Y				
86		Caledonia Dr. 6th Hydrant East of Dr. of Pleasant View	Y				
87		Caledonia Dr. 7th Hydrant West of Big Transformer	Y				
88		Caledonia Dr. 8th Hydrant South of Drive for 239 State Rd.	Y				
89		North corner of Caledonia Dr. and State Rd.	Y				
Total = 91 Hydrants							
		Walmart Parking Lot NW Prop Corner	Y	Y	Y	G	NOT ON TOWNSHIP LIST
		Walmart Parking Lot NE Prop Corner	Y	Y	Y	G	NOT ON TOWNSHIP LIST
		Walmart Parking Lot SW Prop Corner	Y	Y	Y	B	NOT ON TOWNSHIP LIST
		Walmart Parking Lot SE Prop Corner	Y	Y	Y	G	NOT ON TOWNSHIP LIST
		THE COMMONS PHASE 2	Y	?	Y	?	NOT ON TOWNSHIP LIST AND NOT SHOWN ON OHM DRAWING
		THE COMMONS PHASE 2	Y	?	Y	?	NOT ON TOWNSHIP LIST AND NOT SHOWN ON OHM DRAWING
		THE COMMONS PHASE 2	Y	?	Y	?	NOT ON TOWNSHIP LIST AND NOT SHOWN ON OHM DRAWING
		THE COMMONS PHASE 2	Y	?	Y	?	NOT ON TOWNSHIP LIST AND NOT SHOWN ON OHM DRAWING
		Flow Codes:				92	Hydrants
		Green: 1000(+)-GPM					
		Orange: 500 to 1000 GPM					
		Red: <500 GPM					
		GPM = Gallons per Minute					

New Flow Codes:	
Blue	> 1,500 GPM
Green	1,000 - 1,499 GPM
Orange	500 - 999 GPM
Red	< 500 GPM

Note: Previous hydrants (6) on the Meijers Store perimeter loop are still considered private. Billed to Meijers as part of their fire sprinkler quarterly billing - not annual hydrant charge.

OWOSSO CHARTER TOWNSHIP

9/5/2019

FIRE HYDRANT LISTING

HYDRANT #	FLOW CODE	LOCATION	Existing Hydrant Color	Existing Hydrant Cap Color	New Hydrant Color	New Hydrant Cap Color	Notes	
1	6H-01	ORANGE	W. M-21, AT 1900	Y	2R	Y	R	
2	6H-02	ORANGE	W. M-21, AT 1975	Y	R	Y	R	
3	6H-04	RED	KEIFER, AT CLEVELAND	Y	2R	Y	R	
4	6H-05	RED	CLEVELAND, AT 325	Y	R	Y	O	
5	6H-06	ORANGE	W. KING, WEST OF CLEVELAND	?	?	Y	G	
6	6H-07	GREEN	NORTH OF 1780 DOWLING	Y	G	Y	B	
7	6H-08	GREEN	DOWLING, EAST END AT RR	?	?	Y	?	Not Found
8	6H-09	GREEN	DOWLING, AT 1791	Y	G	Y	B	
9	6H-10	GREEN	DOWLING, AT WEST SIDE OF 1791	?	?	Y	B	Covered in Weeds
10	6H-11	GREEN	BY GEORGIA PACIFIC PUMP HOUSE	R	R	Y	B	
11	6H-12	GREEN	DOWLING, AT 1894	?	?	Y	B	Not found
12	6H-13	GREEN	AT MOTOR PRODUCTS FIRE LINE	Y	Y	Y	B	
13	6H-14	GREEN	AT MOTOR PRODUCTS SW CORNER	Y	Y	Y	B	
14	6H-15	GREEN	AT MOTOR PRODUCTS NE CORNER	Y	Y	Y	B	South East?
15	6H-16	GREEN	W. M-21, AT 1870 (BACK YARD AREA)	?	?	Y	?	Not found
16	6H-17	GREEN	N. M-52, AT CHIPPEWA TRAIL	Y	G	Y	B	
17	6H-18	GREEN	N. M-52, AT 1475	Y	G	Y	O	
18	6H-19	GREEN	N. M-52, ACROSS/NORTH OF LAURA LANE	Y	G	Y	O	
19	6H-20	GREEN	N. M-52, AT 1484 S. SIDE PARKING	Y	G	Y	B	
20	6H-21	GREEN	CHIPPEWA TRAIL, NORTH OF VG'S	?	?	Y	?	Not found
21	6H-25	GREEN	N. M-52, EAST SIDE OF VG'S	Y	G	Y	G	
22	6H-27	GREEN	ADA ST., AT 1304	Y	G	Y	O	
23	6H-28	GREEN	INDUSTRIAL PARK - WAUSAKEE (NERO#1)	?	?	Y	?	Not found
24	6H-29	GREEN	INDUSTRIAL PARK - WATER TOWER	Y	Y	Y	B	
25	6H-30	GREEN	INDUSTRIAL PARK - WABASSEE NORTH CIRCLE	Y	Y	Y	B	
26	6H-31	GREEN	INDUSTRIAL PARK - WABASSEE & SEQUOIA	Y	Y	Y	B	
27	6H-32	GREEN	INDUSTRIAL PARK - WABASSEE - SOUTH END	Y	Y	Y	B	
28	6H-33	GREEN	INDUSTRIAL PARK - SEQUOIA - MID-BLOCK	Y	Y	Y	B	
29	6H-34	GREEN	INDUSTRIAL PARK - DELANEY & SEQUOIA	Y	Y	Y	B	
30	6H-35	GREEN	INDUSTRIAL PARK - 807 S DELANEY	Y	Y	Y	B	
31	6H-36	GREEN	INDUSTRIAL PARK - 833 S DELANEY	Y	Y	Y	B	
32	6H-37	GREEN	INDUSTRIAL PARK - 985 S DELANEY	Y	Y	Y	B	
33	6H-38	GREEN	INDUSTRIAL PARK - KROUSE 1ST EAST OF DELANEY	Y	Y	Y	B	
34	6H-39	GREEN	INDUSTRIAL PARK - KROUSE 2ND EAST OF DELANEY	Y	Y	Y	B	
			410 S. Delaney @ Owosso Township Hall - N Driveway					
			410 S. Delaney @ Owosso Township Hall - S Driveway					
			S. Delaney across from 455 Georgia Pacific					
			S. Delaney Across from 615 N. Entrance of WPI					
			N. M-52 @ Entrance of Health Park Drive					
			N of 200 Health Park Dr.					
			N of 300 Health Park Dr.					
			N M-52, @ Chippewa Trail					
			N M-52, @ 1475					
			N M-52, across & N Laura Lane					
			N M-52, @ 1484 (S side parking lot)					
	6H-40	GREEN	1400 S. SHIAWASSEE	?	?	Y	?	Not found
	6H-41	GREEN	S. DELANEY AT TOWNSHIP HALL (Duplicate?)	Y	BLACK	Y	B	
	6H-42	GREEN	CHERRYLAWN (NORTH END)	Y	2BLACK	Y	B	

Total = 54 HYDRANTS

Total = 37 HYDRANTS (WITH 6 NOT FOUND)

New Flow Codes:	
Blue	> 1,500 GPM
Green	1,000 - 1,499 GPM
Orange	500 - 999 GPM
Red	< 500 GPM

The two hydrants on S. Delaney Rd. in front of Crown Leisure are NOT on the list or charged to the Township since they are covered under the P.A. 425 Agreement between the City & Township. The hydrant at the City Water Tower at Dowling Drive is also not on this list since it is primarily for tank maintenance and was not needed for fire protection.