

**HENDERSON WATER UTILITY**

**REQUEST FOR PROPOSALS  
and TECHNICAL SPECIFICATIONS**

***Fire Hydrant Cleaning,  
Painting and Upgrades  
2019***

HENDERSON, KENTUCKY

May 2019



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**Note:** Items shown with **Bold Underline** in this Table of Contents must be completed in their entirety in the bid submittal.



## **INVITATION FOR BID**

The Henderson Water and Sewer Commission of the City of Henderson, Kentucky will receive sealed competitive bids at its office at 111 Fifth Street, Henderson, Kentucky 42420, until 1:30 p.m. (CDT), on the 10<sup>th</sup> day of May 2019, at which time the bids will be opened and considered for the purchase of the following:

**FIRE HYDRANT CLEANING, PAINTING & UPGRADES  
FOR THE  
HENDERSON WATER UTILITY**

**REF# 201908 Fire Hydrant Painting & Upgrades**

Specifications and Instructions to Bidders, and copies of plan sheets for this project may be obtained from:

HWU website: <http://tinyurl.com/hwu-bids>

HWU Bobby Gish Administration Building: 111 Fifth Street, Henderson, KY 42420

The Water and Sewer Commission reserves the right to accept or reject any or all bids in whole or in part and to waive informalities and/or technicalities in the bids. Conflicts of interest, gratuities and kickbacks as defined and provided for in K.R.S. 45A.455 are absolutely prohibited.

Clarifications and Addenda will be posted on the HWU procurement web site as listed above.

## SOLICITATION INSTRUCTIONS AND CONDITIONS

### 1. DEFINITIONS:

As used herein:

- a. The term "solicitation" includes the Invitation for Bid, Solicitation Instructions and Conditions, Bid Form and Technical Specifications, and any Clarifications or Addenda issued by the Owner.
- b. The term "offer" means "bid" or "proposal".
- c. The term "Vendor" shall mean the party responsible for furnishing submittals, equipment, accessories, controls, operation and maintenance manuals and training, startup services and warranting the equipment as required in this Request for Proposals. Prior to award of contract, a potential Vendor may be referred to by the terms "Bidder" or "Offeror".
- d. The term "Owner" shall mean the Henderson Water Utility (HWU), 111 Fifth Street, Henderson, Kentucky, 42420.
- e. The term "Engineer" refers to an individual employee of the Owner, acting as design engineer or inspector for this project or procurement.
- f. The term "Purchase Order" shall mean the document executed by the Vendor and the Owner of which each of the following form a part: the Invitation for Bids; the Vendor's Proposal; and the attached technical specifications for Fire Hydrant Cleaning, Painting and Upgrades, prepared by Henderson Water Utility, dated March 2018.
- g. The term "Nonresident bidder" is defined by KRS 45A.494(3).
- h. The term "Resident bidder" is defined by KRS 45A.494(2).
- i. The term "Qualified bidder" means Kentucky Industries for the Blind, Incorporated; any nonprofit corporation that furthers the purposes of KRS Chapter 163; or a qualified nonprofit agency for individuals with severe disabilities as described in KRS 45A.465(3).

### 2. PREPARATION OF OFFERS

- a. Offerors shall examine the drawings, specifications, schedule, and all instructions. Failure to do so shall be at the offeror's risk.
- b. Offers shall set forth full, accurate, and complete information as required by the solicitation. Offers that contain an offeror's own special terms and conditions in conflict with the terms of the solicitation or state statutes and regulations may be rejected.
- c. Each offeror shall furnish the information required by the solicitation on the bid forms included herein. The offeror shall sign the solicitation in ink and type or print in ink his name, firm, address, telephone number, and date. Erasures or other changes shall be initialed in ink by the person signing the offer. Approved electronic format may also be accepted.
- d. Any explanation or statement which the offeror wishes to make concerning the bid shall be written separately and independently of the proposal or bid, attached to the bid form, and placed in the envelope with the bid. Any such statement or explanation must refer to the bid submitted and shall also be signed by the offeror.
- e. Unit price for each unit offered shall be shown and such price shall include packing and delivery to HWU unless otherwise specified within the Bid Form, and shall include startup and training services where specified in the Technical Specifications. Fuel Surcharges and any other miscellaneous charges should be included in the unit price. A total shall be entered in

the amount column of the schedule for each item offered. In case of discrepancy between a unit price and extended price, the unit price shall govern.

- f. Cash discounts shall not be considered in making the award of the contract.
- g. Trade discounts shall be deducted by the vendor in calculating the unit price quoted, unless otherwise stated.
- h. Offers for supplies or services other than those specified shall not be considered unless authorized by the solicitation.
- i. Proposal shall include guaranteed time schedules for submission of shop drawings after award of the Purchase Order, and for shipment of equipment after receipt of approved shop drawings. The award of the Purchase Order will be based on the quoted price and an acceptable shop drawing and equipment delivery schedule.
- j. Time, if stated as a number of days, shall include Saturdays, Sundays, and Holidays. One day is 24 hours; one week is 7 days; one month is 28 days.

### **3. OFFEROR CLARIFICATION – REQUEST AND RESPONSE**

Any explanation desired by an offeror regarding the meaning or interpretation of the solicitation drawings, specifications, etc., **shall be requested in writing to the HWU Purchasing Manager, not less than five (5) calendar days prior to the bid opening date.** Oral explanations or instructions given before the award of the contract shall not be binding. Any information given to a prospective vendor concerning a solicitation shall be furnished to all prospective vendors as an amendment or clarification of the solicitation, if such information is necessary to vendors in submitting offers on the solicitation, or if the lack of such information would be prejudicial to uninformed vendors.

### **4. ACKNOWLEDGEMENT OF ADDENDA TO SOLICITATIONS**

Receipt of an addendum to a solicitation shall be acknowledged by the offeror. Acknowledgement shall be received prior to the hour and date specified for receipt of offers, or shall be shown in the appropriate place on the Bid Form. Verbal acknowledgement shall not be accepted. Failure to acknowledge addenda may cause the bid to be considered non-responsive.

### **5. PROTEST PROCEDURES**

#### **a. Protests prior to bid opening**

Any protests, prior to bid opening must be submitted in writing and received by HWU at least ten (10) calendar days prior to bid opening. This ten (10) calendar day deadline may be waived by the HWU Purchasing Manager for good cause shown. The HWU Purchasing Manager will issue a response to the protest no later than five (5) calendar days after receipt of the protest. The response shall be in writing and set forth the reasons for the response. Upon receipt of a protest, the HWU Purchasing Manager will immediately determine if the bid opening should be postponed. If the bid opening is postponed, HWU will notify all prospective bidders who have been furnished a copy of the specifications that a request for review has been received and that the bid opening is postponed. Upon issuance of its response to the protest, HWU will issue an appropriate addendum rescheduling the bid opening.

**b. Protests after bid opening**

Protests after bid opening will be considered only as to issues which were not apparent before bid opening. After bid opening no protests of specifications will be considered. Any protest after bid opening, including a protest of contract award, must be submitted in writing and received by HWU within five (5) calendar days of the action being protested. No other form of protest will be considered. After the time for protest of contract award has expired, these protest procedures will be considered to be inapplicable, and any disputes will be resolved by HWU under contract provisions or other remedies, if available.

Protests submitted to HWU shall:

- (a) Include the name and address of the protestor.
- (b) Identify clearly the procurement under which the protest is being submitted.
- (c) Identify the action being protested and provide sufficient detailed documentation to support the protest action.
- (d) Indicate the action, ruling or relief desired from HWU.

The HWU Purchasing Manager will review the protest and render his or her decision in writing within five (5) calendar days of receipt of the protest, setting forth reasons for his or her decision. HWU is responsible, in accordance with good administrative practice and sound business judgment, for the settlement of all contractual and administrative issues arising out of the procurement, including protests, contract defaults, disputes or breaches. The decision of the HWU Purchasing Manager as to protests shall be final and conclusive, unless, within five (5) calendar days of the date a decision was rendered by the HWU Purchasing Manager, a written appeal of the same is submitted by the bidder to the City of Henderson Water and Sewer Commissioners. Any appeal to the Commissioners shall include:

- (a) A statement of the grounds for review and any supporting documentation.
- (b) A copy of the protest filed with HWU and a copy of the HWU Purchasing Manager's decision.

If the appeal is submitted prior to award of a contract, HWU will not award until the matter is resolved. If the contract has been awarded prior to the appeal, the contractor shall proceed diligently with the performance of the contract.

**6. SUBMISSION OF OFFERS**

- a. Offers and modifications thereof shall be enclosed in sealed envelopes and addressed to the office specified in the solicitation. The offeror shall show the opening hour and date specified in the solicitation, the solicitation number, and the name and address of the offeror on the face of the envelope(s).
- b. Telegraphic or facsimile offers shall not be considered unless authorized by the solicitation; however, offers may be modified by telegraphic or facsimile notice, if such notice is received prior to the hour and date specified for receipt. Telegraphic or facsimile modifications shall not mention unit prices or total price; but shall only refer to percentage change or numerical change (i.e., "*reduce unit price of item 1 by \$1.00*").
- c. Samples of items, if required, shall be submitted within the time specified, and not unless otherwise specified, at no expense to HWU. If not destroyed by testing, samples shall be



returned at the offeror's request and expense, unless otherwise specified by the solicitation. Unless a request for their return is made within thirty (30) days of award of contract, all samples shall become property of HWU.

## **7. MODIFICATION OR WITHDRAWAL OF OFFERS**

Offers may be modified or withdrawn by written notice received prior to the exact hour and date specified for receipt of offers. An offer may also be withdrawn in person by an offeror or his authorized representative, if his identity is made known and he signs a receipt for the offer, but only if the withdrawal is made prior to the exact hour and date set for receipt of offers.

## **8. LATE OFFERS AND MODIFICATIONS**

Offers and modifications of offers received at the office designated in the solicitation after the exact hour and date specified for receipt shall not be considered for an award of contract, UNLESS:

- a. No bids are received other than the late bid; and
- b. The needs of HWU are determined to preclude the re-solicitation of bids.

## **9. MULTIPLE AND ALTERNATE BIDS**

Bidders shall submit one response only to the solicitation and shall not propose more than one price, model, and brand for each bid item. Multiple or alternate bids offering more than one bid price in total (or by line-item) shall be cause for rejection unless specifically called for in special provisions provided elsewhere in the solicitation.

## **10. AWARD OF CONTRACT**

- a. It is the intent of HWU to award this contract to the vendor or vendors offering the lowest evaluated bid price for products which meet the specifications set forth in this document. Any and all anticipated costs for HWU to implement the project will be taken into consideration.
- b. HWU reserves the right to reject any offers and to waive informalities and minor irregularities in offers received. The award of this contract will be contingent upon funds being appropriated for this purchase.
- c. The bidder, if awarded an order or contract, agrees to protect, defend, and save harmless the Henderson Water and Sewer Commission and the Henderson Water Utility against any demand for the use of any patented materials, process, article, or device, that may enter into the manufacture, construction, or form a part of the work covered by either order or contract and he further agrees to indemnify and save harmless the Henderson Water and Sewer Commission and the Henderson Water Utility from suits or actions of every nature and description brought against it, for on account of any injuries or damages received or sustained by any party or parties, by or form any of the acts of the contractor, his servants, or agents.
- d. The awarded contract shall agree to offer the prices and the terms and conditions offered herein to any municipality, county or state government; public utility; non-profit hospital; educational institute; special governmental agency; and non-profit corporation performing governmental functions in Western Kentucky area who wish to participate in a cooperative purchase program with Henderson Water Utility. Other agencies will be responsible for entering into separate agreements with the Contract and for all payments thereunder.
- e. The bidder agrees to hold the proposed pricing for up to 90 days after bid proposal is opened, or for such time as specified on the Bid Form, if different.

- f. A written award mailed (or otherwise furnished) to the successful offeror within the time for acceptance specified in the offer shall be deemed to result in a contract without further actions by either party.

**11. METHOD OF AWARD: BEST VALUE - RANKING APPROACH**

The Owner intends to award a Contract to the Contractor whose bid, conforming to the BID FORM, is the most advantageous on the basis of "best value" for all products, services, and requirements contained herein. An evaluation committee or a designated individual will evaluate the information provided by the Contractor in response to the established measurable criteria contained herein.

***Measurable Criteria: Price 100 Points***  
***TOTAL POINTS 100 Points***

Each Contractor is responsible for submitting all relevant, factual and correct information with their Bid to enable the evaluator(s) to afford each Contractor the maximum score based on the available data submitted by the Contractor. The Contractor shall explicitly adhere to the BID FORM which contains adequate space for the Contractor's pricing.

**Bid Price (100 Points)**

The bidder with the lowest Bid Price receives the maximum score. The bidder with the next lowest Price receives points by dividing the lowest Price by the next lowest Price and multiplying that percentage by the available points. For Example, 100 points is allocated to the lowest Price criteria for this procurement, Bidder "A" bids \$3.00 as the lowest bidder and receives the maximum 100 points ( $\$3.00 / \$3.00 = 1.00 \times 100 = 100$ ). Assume Bidder "B" is next lowest bidder at \$4.00, then "B" receives 75 points ( $\$3.00 / \$4.00 = .75 \times 100 = 75$ ).

Best Value scoring is subject to Reciprocal preference for Kentucky resident bidders and Preferences for a Qualified Bidder or the Department of Corrections, Division of Prison Industries (KAR 200 5:410).

The Contractor is required to submit a complete copy of the "Required Affidavit for Bidders, Offerors, and Contractors Claiming Resident Bidder Status" attached to the BID FORM.

**12. KENTUCKY / INDIANA SALES AND USE TAXES**

Sales of tangible personal property or services to HWU are not subject to state sales or use taxes. Henderson Water Utility's Kentucky/Indiana sales tax exemption number will be provided to the successful bidder(s).

**13. COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS**

Any contracts or orders placed as a result of the offer shall be governed by the laws of the Commonwealth of Kentucky. The rights and obligations of the parties thereto shall be determined in accordance with these laws. Any offer conditioned upon governance by the laws of a state other than Kentucky shall not be considered.

Conflicts of interest, gratuities and kickbacks as defined and provided for in KRS 45A.455 are absolutely prohibited. Bidder acknowledges and certifies by submission of his bid that all the provisions of KRS 45A.455 are complied with fully.

A City of Henderson business license is required for all vendors servicing accounts within the City of Henderson. A Henderson County business license is required for all vendors servicing accounts at HWU locations outside the City of Henderson but in Henderson County. Information regarding the business license can be obtained by calling the business license office at 270-831-1200. Vendors will be allowed ten (10) days after award of bid to submit a copy of their current business license(s) to the Purchasing Manager.

**14. CONFLICTS OF INTEREST – Gratuities and kickbacks – Use of confidential information (KRS 45A.455)**

- a. It shall be a breach of ethical standards for any employee with procurement authority to participate directly in any proceeding or application; request for ruling or other determination; claim or controversy; or other particular matter pertaining to any contract, or subcontract, and any solicitation or proposal therefore, in which to his knowledge:
  - i. He, or any member of his immediate family has a financial interest therein; or
  - ii. A business or organization in which he or any member of his immediate family has a financial interest as an officer, director, trustee, partner, or employee, is a party; or
  - iii. Any other person, business, or organization with whom he or any member of his immediate family is negotiating or has an arrangement concerning prospective employment is a party. Direct or indirect participation shall include but not be limited to involvement through decision, approval, disapproval, recommendation, preparation of any part of a purchase request, influencing the content of any specification or purchase standard, rendering of advice, investigation, auditing or in any other advisory capacity.
- b. It shall be a breach of ethical standards for any person to offer, give, or agree to give any employee or former employee, or for any employee or former employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment, in connection with any decision, approval, disapproval, recommendation, preparation of any part of a purchase request, influencing the content of any specification or purchase standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling or other determination, claim or controversy, or other particular matter, pertaining to any contract or subcontract and any solicitation or proposal therefore.
- c. It is a breach of ethical standards for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.
- d. The prohibition against conflicts of interest and gratuities and kickbacks shall be conspicuously set forth in every local public agency written contract and solicitation therefore.
- e. It shall be a breach of ethical standards for any public employee or former employee knowingly to use confidential information for his actual or anticipated personal gain, or the actual or anticipated personal gain of any other person.

## **15. CONTRACT MODIFICATIONS**

During the period of the contract, no modification shall be permitted in any of its conditions and specifications unless the contractor receives written approval from the Purchasing Manager. If the contractor finds at any time that existing conditions make modification in requirements necessary, he shall promptly report such matter to the Purchasing Manager for consideration and decision. All contract modifications shall be subject to the provisions of 200 KAR 5:311.

## **16. ADDITIONAL CHARGES/FEEES**

The bid price of the product is the complete product price. There will be no fuel surcharges, delivery fees, handling fees, container return fees, or any other fees/charges associated with the purchase, installation or delivery of products.

## **17. WARRANTY – CORRECTIVE WORK**

The Contractor shall guarantee all work performed under this contract for a period of one (1) year after the date of Substantial Completion. This provision covers any work performed by the Contractor that is found to be defective, the repair of any damages to the site and adjacent areas that the contractor used during construction. Where defective work has been corrected or removed and replaced, the correction period with respect to that work will be extended for an additional period of one year after correction has been satisfactorily completed.

## **18. SELLER'S INVOICES**

Invoices shall be prepared and transmitted via fax or USPS to HWU at the provided address. Invoices shall contain, at a minimum, the following information: Purchase Order number, Bill of Lading number, delivery location, and an appropriate weight ticket, where applicable.

HWU is a municipality and invoices are processed for payment not less than once per month. Terms are net 30 after receipt of invoice.

## **19. PRECEDENCE OF PROVISIONS**

In the event of an inconsistency between provisions of the solicitation, the inconsistency shall be resolved by giving precedence in the following order: (a) Addenda, if issued; (b) Solicitation Instructions and Conditions; (c) General Conditions; (d) other provisions of the contract, whether incorporated by reference or otherwise; and, e) the Technical Specifications.

## **20. NONDISCRIMINATION**

**Civil Rights Act of 1964:** In accordance with the provisions of Title VI of the Civil Rights Act of 1964 and the regulations of the Federal Department of Transportation (49 CFR, part 21) issued pursuant to such Act, all bidders are hereby notified that HWU will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the responsible bidder with the lowest evaluated bid without discrimination on the grounds of race, color, national origin, disability, gender, or age.

**Americans with Disabilities Act:** In accordance with the provisions of The Americans with Disabilities Act of 1990 (ADA) which specifically prohibits discrimination against persons with disabilities, all bidders are hereby notified that the contract entered into pursuant to this advertisement shall include a clause that specifically requires compliance with the ADA and prohibits discrimination against persons with disabilities. The ADA further requires that all new construction, reconstruction, and

alterations to existing pedestrian facilities be constructed in accordance with Federal accessibility standards.

**21. INSURANCE**

Contractors, including all Subcontractors, furnishing labor, and/or equipment under this requirement shall carry the following insurance in addition to all insurance required by law. Valid certificates of insurance shall be furnished to the Owner prior to the Contractor causing any work to begin.

A. Workman’s Compensation	Statutory
B. Broad Form Comprehensive General Liability including coverage for Bodily Injury, Personal Injury, Products, Completed Operations, and Broad Form Property Damage, (No deductible clauses are acceptable for these coverages), and Independent Contractors (Subcontractors)	Bodily Injury: \$1,000,000 each occurrence \$2,000,000 aggregate Property Damage: \$1,000,000 each occurrence
C. Comprehensive Automobile Liability, including Hired Car and Employer’s Non-Ownership Liability Coverage.	\$1,000,000 Combined Single Limit
D. Endorsement naming as additional insured “The Henderson Water and Sewer Commission, its elected and appointed officials, employees, agents, boards, consultants, assigns, volunteers and successors in interest.”	
E. Endorsement that Contractor’s insurance coverage shall be primary insurance as respects HWU. Any insurance or self-insurance maintained by HWU shall be separate from Contractor’s insurance and shall not contribute with it.	
F. Certificates of insurance, issued by companies authorized to do business in the state of Kentucky, satisfactory in form to the HWU and signed by the Bidder’s insurer shall be supplied by Bidder to HWU evidencing that the above insurance is in force and that not less than thirty (30) calendar days written notice will be given to the HWU prior to any cancellation or restrictive modification of the policies. Bidder shall replace any cancelled policy within the thirty (30) day notice period so that there is no lapse in coverage at any time during the period covered by this contract.	

The insurance shall:

- a) Include the interests of the Owner, Contractor, Subcontractor, Engineer, Engineer’s consultants and any other individuals, and the officers, directors, partners, employees, agents and other consultants and subcontractors of any of them each of whom is deemed to have an insurable interest and shall be listed as an insured or additional insured.
- b) Be written on a Builder’s Risk “all-risk” or open peril or special causes of loss policy form that shall at least include insurance for physical loss and damage to the work, temporary buildings, falsework, and materials and equipment in transit and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage, and such other perils or causes of loss.
- c) Remain in effect for the duration of the contract and warranty period.

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**BID FORM**

**PROJECT IDENTIFICATION:** Fire Hydrant Cleaning, Painting and Upgrades - 2019  
Henderson Water Utility  
Ref# - 2019 - 08

**THIS BID SUBMITTED TO:** Henderson Water Utility  
111 Fifth Street  
Henderson, KY 42420

**CONTACT INFORMATION:** All questions regarding this bid solicitation should be directed to the Purchasing Manager as per item #3 in the Solicitation Instructions and Conditions.

**DATE REFERENCES:** Last day for bid clarifications: 7 May 2019  
Bid Closing: 10 May 2019, 1:30 p.m.  
HWU Board Meeting (award): 20 May 2019

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to furnish equipment as specified or indicated in the Bid Documents and Technical Specifications for the Bid Price(s) and in accordance with the other terms and conditions of the Bid Documents and Technical Specifications.
2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and the Bid Documents and Specifications. This bid will remain subject to acceptance for ninety days after the day of bid closing.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement that:
  - a. BIDDER has examined copies of all the Bidding Documents and of the following addenda (receipt of all which is hereby acknowledged):

DATE	NUMBER

- b. BIDDER has familiarized itself with the nature and extent of the Bid Documents and Technical Specifications, and all conditions, laws and regulations that in any manner may affect cost, or furnishing the equipment required.
    - c. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over the PURCHASER.

Bidder acknowledges and certifies by submission of his bid that all the provisions and statutes of KRS 45a.465 are complied with fully.

- d. Specify a unit price in figures for each bid item for which a quantity is given and show the products of the respective unit prices and quantities written in figures in the column provided for that purpose. Round the products by dropping all digits past the cent. Write in ink or type all figures. In case of discrepancy between a unit price and extended price, the unit price shall govern.
- e. Bid Proposals will be considered irregular and will be rejected when the bidder either:
  - i) omits both a unit price for any pay item and an amount for the entire quantity of the same pay item; or
  - ii) submits zero as a unit price for any pay item or as an amount for the entire quantity of the same pay item.

**Bid Form**  
**Fire Hydrant Cleaning, Painting and Upgrades**  
**Pricing to be held for 60 days after submittal is opened**

<b><i>Fire Hydrant Cleaning, Painting and Upgrades - 2019</i></b>			
<i>Item</i>	<i>Unit Price</i>	<i>Estimated Number per year</i>	<i>Total Cost</i>
Cleaning & Painting Hydrants (each)	\$	250	\$
Furnish and Install "Storz" Pumper Nozzle (each)	\$	176	\$
<b><i>Total of Bid</i></b>			<b>\$</b>

**Shop Drawing / Equipment Delivery Schedule:**

Number of days from Award of Purchase Order to complete delivery: \_\_\_\_\_ days

**Exceptions Taken to this Proposal:** List any and all exceptions. (If none, check here).



**SIGNATURE PAGE**

**Non-Collusive Bid Statement:** The undersigned bidder, having fully informed himself regarding the accuracy of the statements made herein, certifies that: (1) The bid has been arrived at by the bidder independently and has been submitted without collusion with and without any agreement, understanding, or planned common course of action with any other vendor of materials, supplies, equipment, or services described in the bid, designed to limit independent bidding or competition, and (2) The contents of the bid have not been communicated by the bidder or its employees or agents to any person not any employee or agent of the bidder or its surety on any bond furnished with the bid, and will not be communicate by any such person prior to the official opening of the bid.

\_\_\_\_\_  
Signature of Authorized Official

\_\_\_\_\_  
Name and Title (printed)

\_\_\_\_\_  
Legal Name of Business

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Date

Affix seal below if bid is by corporation.

This seal was herewith affixed in the presence of:

Signature \_\_\_\_\_ Title \_\_\_\_\_

**REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS  
CLAIMING QUALIFIED BIDDER STATUS**

**FOR BIDS AND CONTRACTS IN GENERAL:**

I. The bidder or offeror swears and affirms under penalty of perjury that the entity bidding, and all subcontractors therein, meets the requirements to be considered a "qualified bidder" in accordance with 200 KAR 5:410(3); and will continue to comply with such requirements for the duration of any contract awarded. Please identify below the particular "qualified bidder" status claimed by the bidding entity.

\_\_\_\_\_ A nonprofit corporation that furthers the purposes of KRS Chapter 163

\_\_\_\_\_ Per KRS 45A.465 (3), a "Qualified nonprofit agency for individuals with severe disabilities" means an organization that:

- (a) Is organized and operated in the interest of individuals with severe disabilities; and
- (b) Complies with any applicable occupational health and safety law of the United States and the Commonwealth; and
- (c) In the manufacture or provision of products or services listed or purchased under KRS 45A.470, during the fiscal year employs individuals with severe disabilities for not less than seventy-five percent (75%) of the man hours of direct labor required for the manufacture or provision of the products or services; and
- (d) Is registered and in good standing as a nonprofit organization with the Secretary of State.

The BIDDING AGENCY reserves the right to request documentation supporting a bidder's claim of qualified bidder status. Failure to provide such documentation upon request may result in disqualification of the bidder or contract termination.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

Subscribed and sworn to before me by \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
My Commission Expires

[Seal of Notary}

Check this box if not claiming Qualified Bidder Status

**REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS  
CLAIMING RESIDENT BIDDER STATUS**

**FOR BIDS AND CONTRACTS IN GENERAL:**

The bidder or offeror hereby swears and affirms under penalty of perjury that, in accordance with KRS 45A.494(2), the entity bidding is an individual, partnership, association, corporation, or other business entity that, on the date the contract is first advertised or announced as available for bidding:

1. Is authorized to transact business in the Commonwealth;
2. Has for one year prior to and through the date of advertisement
  - a. Filed Kentucky corporate income taxes;
  - b. Made payments to the Kentucky unemployment insurance fund established in KRS 341.49; and
  - c. Maintained a Kentucky workers' compensation policy in effect.

The BIDDING AGENCY reserves the right to request documentation supporting a bidder's claim of resident bidder status. Failure to provide such documentation upon request shall result in disqualification of the bidder or contract termination.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

\_\_\_\_\_

Subscribed and sworn to before me by \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
My Commission Expires

[Seal of Notary}

Check this box if not claiming Resident Bidder Status

**Statement Required Pursuant to KRS 45A.395  
NON-COLLUSIVE AFFIDAVIT OF PRIME BIDDER**

State of \_\_\_\_\_)

County of \_\_\_\_\_)

\_\_\_\_\_, being first duly sworn, deposes and says that:

1. He or she is the owner, partner, officer, representative, or agent of \_\_\_\_\_, the Bidder that he or she has submitted the attached bid;
2. He or she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached bid or of any other bidder, or to fix any overhead, profit or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Henderson Water Utility, the City of Henderson or any person interested in the proposed Contract: and
5. The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Title

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_

\_\_\_\_\_ My commission expires \_\_\_\_\_  
Title

**TECHNICAL SPECIFICATIONS**  
**Fire Hydrant Cleaning, Painting and Upgrades**

**1. SCOPE OF WORK**

This request is for a proposal to furnish labor and equipment to clean and paint Fire Hydrants in the water system, and to furnish and install "Storz" hydrant nozzles, at selected locations, for the Henderson Water Utility, Henderson, Kentucky.

Each bid item should include any delivery fees, handling fees, fuel surcharges, or any other fees/charges associated with the purchase, delivery and installation of the product.

If the total construction contract amount (bid) awarded is an amount in excess of twenty-five thousand dollars (\$ 25,000), a Performance bond and a Payment bond shall be furnished. Performance and Payment bonds shall be in an amount equal to one hundred percent (100%) of the contract price.

Bid security (bid bond) in an amount equal to five percent (5%) of the amount of the bid shall be furnished for all bids. If the successful low bidder fails or refuses to execute the contract and bonds required within ten (10) days after notice of acceptance of his bid, he shall forfeit to the Owner as liquidated damages the bid security submitted with his bid.

If the work is not completed within the time specified, liquidated damages in the amount of \$ 250 per week shall be deducted from the compensation due the contractor.

It is the intention of the Owner to award a total project bid to one vendor for this procurement. HWU reserves the right to adjust the quantity of hydrants upgraded and painted by plus or minus 50 units (200 to 300) in each calendar year, if renewal option is exercised as per the next paragraph. Consequently, each bid item should include all taxes, freight, overhead or other costs associated with those quantities of a particular item. HWU will consider an adjustment to unit pricing in subsequent years, upon the Contractor providing justification of price increases for labor and materials, up to a maximum adjustment of five percent (5%) per annum.

**2. CONTRACT TERM**

The initial contract term is one year, with two additional one-year contracts allowed if offered by HWU based on acceptable performance by the Vendor with a maximum term of three (3) years total.

**3. MATERIAL TO BE OBTAINED FROM THE VENDOR**

The Vendor shall provide all items named in this Invitation for Bid or so noted on the Purchase Order and such incidental items as may be required for the safe and proper installation and operation of the materials and equipment furnished for the purpose(s) intended.

The Vendor shall provide all gaskets, bolts, and other miscellaneous items required to install the material described in this Invitation for Bid.

Equipment or materials offered contrary to the provisions of this Paragraph will be subject to rejection.

#### **4. TRANSPORT AND DELIVERY**

The materials described in this Request for Proposals will be procured by the Vendor, who will supply labor and any other work required for installation.

Transport and handle items using equipment and methods that prevent damage to coatings. Deliver fittings and small parts on pallets, boxed, shrink-wrapped, or otherwise protected from weather and loss.

Repair minor damage to coatings as the Engineer directs before installation. Significant damage due to improper procedures for handling and unloading of materials will be reason for rejection.

#### **5. MATERIALS OR EQUIPMENT TO BE FURNISHED (“OR EQUAL” CLAUSES)**

Where the specifications state "equal to" followed by a brand name or model, a standard of quality is being set. The naming of a brand or model is a matter of convenience to avoid writing a volume. Other brands or equipment under this category may be submitted. The Engineer will consider other products on the basis of materials of construction, weight, function, size (it must fit the space provided), service history and electrical and mechanical characteristics.

Where the specifications state one or more model numbers and manufacturers followed by the words "or approved equal" the meaning is that the product(s) specified is acceptable and that while there may be other products that are acceptable the only way to be assured is to submit the desired substitution during the BID PROCESS and receive an affirmative answer. The Engineer will consider the factors previously described in making the determination.

Unless otherwise specified, all materials shall be the best of their respective kinds and shall be in all cases fully equal to approved samples. The Engineer shall have the right to require the use of such specifically designated material, article, or process. The Engineer, where practical, may require submission of actual samples of materials or products.

#### **6. SAFETY**

All work shall be carried out in accordance with all applicable rules and regulations of the Kentucky Labor Cabinet, Division of Occupational Safety and Health, and HWU Safety Policies.

#### **7. PRODUCT DELIVERY, STORAGE AND HANDLING**

Care shall be exercised in transporting and handling to avoid damage to pipe and fittings, and all appurtenances. Materials shall be stored in an enclosure or under protective coverings if required by the engineer to prevent damage. Materials shall not be stored directly on the ground. The inside of pipes and fittings shall be kept free of dirt and debris.

Contractor shall be responsible for all materials furnished and shall replace at his own expense all materials found defective in handling after delivery. Contractor shall report to HWU immediately upon finding defects in any material supplied by HWU. Contractor shall furnish all materials and labor required for replacement of installed materials discovered defective or damaged.

HWU reserves the right to reject any materials that do not comply with these standards.

## 8. FIRE HYDRANT CLEANING AND PAINTING

Fire Hydrant Cleaning and Painting will be provided on an annual basis beginning in the summer of 2019 (not before 1 July 2019). The contractor must mobilize its labor force and begin work within ten (10) days after receipt of a purchase order. All work specified in this contract shall be completed no later than October 31 of each year.

- a. Furnish all materials, labor, and equipment necessary to perform the indicated work. Price shall cover all expenses incurred in performing the work required herein; including all labor, materials, equipment, removal, overhead, profit, insurance, etc. Pricing shall be on a per hydrant basis.
- b. Work shall be performed in accordance with the paint manufacturer's requirements, with the following minimum preparation and painting specifications:
  - 1) Surface Preparation: All fire hydrant surfaces shall be power washed in accordance with SSPC-SP-12 LPWC (5,000 psi) to remove all loose paint, dirt, and foreign material. All rusted surfaces, along with any areas of loose paint shall be SSPC-SP2 (Hand Tool) or SSPC-SP3 (Power Tool) cleaned. All surfaces shall be clean and free of dust, dirt, grease, oil, and foreign matter prior to painting.
  - 2) Primer: Primer coat shall be single component, flat, moisture cure urethane, Wasser MC-Universal Primer 100 DTM, or approved equal, at 4.0 to 6.0 mils DFT. Two coats may be required to achieve specified thickness. The primer coat color shall be in the same family (but noticeably different) as the finish coat. Follow manufacturer recommendations for dry times, mil thickness, and application methods/equipment.
  - 3) Paint: Finish coat shall be single component, semi-gloss, aliphatic moisture cure urethane, Wasser MC-Luster 100, or approved equal, at 2.0 to 4.0 mils DFT. The finish coat for the hydrant body and caps shall be safety yellow. Follow manufacturer recommendations for dry times, mil thickness, and application methods/equipment.
  - 4) Prime and finish coats may be brushed or sprayed in accordance with the manufacturer's recommendations. Coatings shall not be applied to wet or damp surfaces, nor shall coatings be applied in rain, snow, fog, mist, or when the relative humidity exceeds or is expected to exceed 85%.
  - 5) The application of the coatings shall not interfere with the proper operation of the fire hydrant. Steps shall be taken to ensure that the operating nuts and caps do not become painted shut.
- c. Bid shall include any necessary provisions for accessing and securing the work area, including traffic control and safety signing in conformance with the Manual on Uniform Traffic Control Devices (MUTCD) if traffic lanes are blocked. The Vendor is solely and exclusively responsible for construction means, methods and site safety.
- d. The contractor shall pick up, collect, and dispose of all debris generated by this work.
- e. Bidder shall be licensed, bonded, and insured. Bidder shall also provide three (3) references with the bid.
- f. Work hours shall be 7:00 a.m. to 6:00 p.m., Monday through Saturday. No Sunday or holiday work is to be performed unless prior approval is given by HWU.

- g. HWU will provide maps and a hydrant inventory. The inventory will list each of the locations and identification numbers of hydrants that need service. The list for the first year (2019) is attached. Maps are available in a separate pdf document.
- h. Special Precautions: Fire hydrants are located in commercial and residential areas within and near the City of Henderson. The contractor shall take the appropriate steps to prevent harm or damage to the areas surrounding the hydrant (including hydrant seals, grass, trees, shrubs, vehicles, homes, pets, and pedestrians), and shall clean-up any overspray.
- i. If a hydrant is hidden from view by overgrown vegetation, contractor shall perform minimal cutting and clearing to enable work in the area.
- j. The Contractor shall notify the Engineer if a hydrant or associated valve is leaking, or obviously damaged, and shall not paint any such hydrant until clearance is obtained from the Engineer.
- k. The contractor shall supply a 1-year warranty from the completion date for any manufacturer or workmanship defects.

## **9. FIRE HYDRANT NOZZLE RETROFITS**

- a. Fire hydrant accessories shall be designed and manufactured in accordance with the latest revision of ANSI/AWWA C502.
- b. Furnish and install quick-connect pumper nozzles, "Storz" or approved equal (Harrington HPHA50-45NH/Cap; Kocheck part# ZSZMC5045-2) on selected hydrants as noted on the attached list. Nozzles shall have a 5" metal face, a 4-1/2" NH female face for connection to the hydrant, (3) set screws, hi-visibility reflective tape, low profile hydrant nut cap, and 3/32-inch stainless steel aircraft cable retainer. Color of the nozzle assembly shall be dark grey or yellow.
- c. One Storz nozzle will be installed on each blue or green-topped hydrant, after painting is complete. The listing attached specifies which hydrants will receive the nozzles. Nozzles are not required on hydrants that are outside the City limits. Existing caps shall be placed in approved containers and returned to the Owner.



Proposed Fire Hydrant List - Year 1

OBJECTID	AssetId	InServiceDate	Color	Owner	HydrantTyp	FireDeptID	Street/Area	Storz?
<b>Map 1</b>								
925	hy925		Blue	HWU	Fire	HY416	McKinley Street @ WARM Center	1
926	hy926		Blue	HWU	Fire	HY708	McKinley Street @ WARM Center	1
927	hy927		Green	HWU	Fire	HY414	McKinley Street @ Garfield Ave.	1
928	hy928		Green	HWU	Fire	HY417	Roosevelt Street @ Maple	1
929	hy929		Green	HWU	Fire	HY418	Garfield St @ Burdette	1
930	hy930		Orange	HWU	Fire	HY464	Roosevelt Street - E. of McKinley	0
931	hy931		Orange	HWU	Fire	HY413	Washington Street @ Maple	0
932	hy932		Orange	HWU	Fire	HY717	Roosevelt Street @ Maple	0
933	hy933		Green	HWU	Fire	HY419	Roosevelt Street @ Burdette	1
934	hy934		Orange	HWU	Fire	HY412	Washington Street @ Burdette	0
								0
<b>Map 2</b>								
249	hy249		Blue	HWU	Fire	HY524	Pebble Crk Drive @ Community Bap. Ch.	1
250	hy250		Blue	HWU	Fire	HY552	Pebble Crk Drive @ Summerhill Drive	1
256	hy256		Blue	HWU	Fire	HY269	Red Bird Lane - N of Morning Dove Court	1
257	hy257		Blue	HWU	Fire	HY757	Summer Hill Drive @ Red Bird Lane	1
258	hy258		Blue	HWU	Fire	HY658	Stepping Stone Lane	1
259	hy259		Green	HWU	Fire	HY633	Pebble Creek - Apartment Complex	1
260	hy260		Green	HWU	Fire	HY562	Pebble Creek - Apartment Complex	1
262	hy262		Blue	HWU	Fire	HY777	Balmoral Drive @ Wesley	1
263	hy263		Blue	HWU	Fire	HY776	Wesley Drive - SE of Balmoral Drive	1
								0
<b>Map 3</b>								
888	hy888		Green	HWU	Fire	HY1000	333 Tree Line Road	1
889	hy889		Orange	HWU	Fire	17	2127 Augusta Drive	0
890	hy890		Green	HWU	Fire	HY475	Augusta Drive @ Hall Way	1
893	hy893		Green	HWU	Fire	HY478	Vanguard Avenue @ Augusta Drive	1
894	hy894		Blue	HWU	Fire	HY477	121 Hubbard Lane	1
895	hy895		Blue	HWU	Fire	HY516	103 Hubbard Lane	1
896	hy896		Green	HWU	Fire	HY639	124 Cheaney Drive	1
905	hy905		Orange	HWU	Fire	HY337	2211 Wentworth Avenue	0
906	hy906		Orange	HWU	Fire	HY406	Greenbriar Drive @ Melwood Dr.	0
								0
<b>Map 4</b>								
999	hy999		UNKNOWN	HWU	Fire	HY1016	Clay Street @ Lett St.	0
1000	hy1000		Blue	HWU	Fire	HY302	1025 Clay Street	1
987	hy987		Blue	HWU	Fire	HY301	225 Meadow St. @ Helm St.	1
1001	hy1001		Blue	HWU	Fire	HY375	1131 Clay Street	1
1002	hy1002		Blue	HWU	Fire	HY376	1251 Clay Strreet	1
1004	hy1004		Green	HWU	Fire	HY378	1439 Clay Street	1
1005	hy1005		Blue	HWU	Fire	HY379	Clay Street @ Atkinson Street	1
981	hy981		Blue	HWU	Fire	HY380	Atkinson Street @ Helm Street	1
936	hy936		Blue	HWU	Fire	HY528	Clay Street @ Burdette St.	1
771	hy771		Orange	HWU	Fire	HY707	Behind 1813 Kresge Drive	0
1078	hy1078		Green	HWU	Fire	HY136	Corner of Drury and S. Main	1
<b>Map 5</b>								
940	hy940		Blue	HWU	Fire	HY492	241 Ky 2084 (Roysters Machine Shop)	1
941	hy941		Blue	HWU	Fire	HY532	2002 Clay Street	1
884	hy884		Green	HWU	Fire	HY425	Lake Drive @ Reid Drive	1
885	hy885		Blue	HWU	Fire	HY564	Reid Drive @ KY 2084 (old US 41)	1
886	hy886		Blue	HWU	Fire	HY493	335 S. Ky 2084 (Dollar General Market)	1
881	hy881		Orange	HWU	Fire	HY514	504 Southside Drive	0
882	hy882		Blue	HWU	Fire	HY534	505 Southside Drive	1
883	hy883		Red	HWU	Fire	HY530	442 Lake Drive	0
<b>Map 6</b>								
5	hy5		Green	HWU	Fire	HY662A	741 KY 2084	1
880	hy880		Blue	HWU	Fire	HY0000	2033 Cresline Drive (rear)	1
679	hy679		Blue	HWU	Fire	HY677	2049 Cresline Drive	1
680	hy680		Green	HWU	Fire	HY663	2033 Cresline Drive (front)	1
681	hy681		Blue	HWU	Fire	HY511	2030 Cresline Drive (front of Cresline Plant)	1
878	hy878		Blue	HWU	Fire	HY640	2030 Cresline Drive (front of Cresline Plant)	1
548	hy548		Blue	HWU	Fire	HY758	887 KY 2084	1
673	hy673		Green	HWU	Fire	HY801	1021 Market Street	1
672	hy672		Blue	HWU	Fire	HY329	Madison Street @ KY 2084	1
677	hy677		Blue	HWU	Fire	HY336	1921 Madison Street	1
678	hy678		UNKNOWN	HWU	Fire	HY346	1775 Madison Street	0
1051	hy1051		Blue	HWU	Fire	HY829C	Keach Drive - State Police Post	0
<b>Map 7</b>								
468	hy468		Blue	HWU	Fire	HY130	316 Community Drive	1
469	hy469		Blue	HWU	Fire	HY129	390 Community Drive	1
470	hy470		Blue	HWU	Fire	HY529	1491 Dana Drive	1
479	hy479		Blue	HWU	Fire	HY624	Graves Drive @ Old Corydon Road	1
481	hy481		Green	HWU	Fire	HY561	Old Corydon Road @ Carter Drive	1

Proposed Fire Hydrant List - Year 1

OBJECTID	AssetId	InServiceDate	Color	Owner	HydrantTyp	FireDeptID	Street/Area	Storz?
482	hy482		Red	HWU	Fire	HY131	78 Paragon Drive	0
483	hy483		Red	HWU	Fire	HY132	58 Paragon Drive	0
484	hy484		Red	HWU	Fire	HY133	34 Paragon Drive	0
485	hy485		Red	HWU	Fire	HY134	6 Paragon Drive - @ corner of Old Corydon Rd	0
608	hy608		Blue	HWU	Fire	HY527	1491 Dana Drive	1
609	hy609		Blue	HWU	Fire	HY531	1491 Dana Drive	1
610	hy610		Blue	HWU	Fire	HY0000	2470 S. Green Street - Green Valley Bapt Assoc	1
615	hy615		Blue	HWU	Fire	HY625	Graves Drive - End of Street	1
616	hy616		Green	HWU	Fire	HY128	Community Drive @ S. Green Street	1
617	hy617		Blue	HWU	Fire	HY716	301 Community Drive	1
<b>Map 8</b>								
682	hy682		Blue	HWU	Fire	HY347	1705 Madison Street	1
683	hy683		Blue	HWU	Fire	HY359	1327 Porter Drive	1
684	hy684		Blue	HWU	Fire	HY926	1304 Burchwood Court	1
685	hy685		Blue	HWU	Fire	HY927	1319 Burchwood Court	1
686	hy686		Blue	HWU	Fire	HY928	1354 Burchwood Court	1
687	hy687		Blue	HWU	Fire	HY357	1622 Thornton Place	1
688	hy688		Blue	HWU	Fire	HY356	1605 Thornton Place	1
689	hy689		Blue	HWU	Fire	HY358	1626 Lee Drive	1
<b>Map 9</b>								
490	hy490		Green	HWU	Fire	HY142C	2046 Collier Road	1
491	hy491		Blue	HWU	Fire	HY553C	608 Hwy 41A	1
627	hy627		Green	HWU	Fire	HY150C	613 Winchester Road	1
628	hy628		Green	HWU	Fire	HY151C	1956 Springfield Drive	1
629	hy629		Green	HWU	Fire	HY135C	1974 Springfield Drive	1
630	hy630		Blue	HWU	Fire	HY148C	3680 Hwy 41A	1
631	hy631		Green	HWU	Fire	HY154C	707 O'Grady Street	0
632	hy632		Blue	HWU	Fire	HY153C	717 St. James	0
633	hy633		Blue	HWU	Fire	HY152C	740 O'Grady Street	0
492	hy492		Blue	HWU	Fire	HY147C	664 Hwy 41A	1
1207	hy1207		Green	HWU	Fire	HY0000C	3800 Hwy 41A	0
<b>Map 10</b>								
8	hy8		Blue	HWU	Fire	HY865	374 Borax Drive - Detention Center	1
9	hy9		Blue	HWU	Fire	HY953	374 Borax Drive - Detention Center	1
466	hy466		Blue	HWU	Fire	HY825	380 Borax Drive	1
634	hy634		Blue	HWU	Fire	HY754	394 Borax Drive	1
495	hy495		Blue	HWU	Fire	HY145	434 South Y Drive	1
496	hy496		Blue	HWU	Fire	HY535	473 US 41A	1
497	hy497		Green	HWU	Fire	HY502	1890 S. Green St - across from Fernwood SPS	1
1098	hy1098		UNKNOWN	HWU	Fire	HY0000	1885 S. Green St - Fernwood SPS	0
493	hy493		Blue	HWU	Fire	HY141C	2001 Collier Road	1
707	hy707		Blue	HWU	Fire	HY0000C	2055 S. Green Street	1
708	hy708		Blue	HWU	Fire	HY0000C	S. Green - S. of Canoe Creek bridge	1
709	hy709		Blue	HWU	Fire	HY0000C	1995 S. Green Street	1
622	hy622		Blue	HWU	Fire	HY759C	3005 Ohio Drive	1
623	hy623		Blue	HWU	Fire	HY764	3045 Ohio Drive	1
1101	hy1101		Blue	HWU	Fire	HY760	3033 Ohio Drive	1
465	hy465		Orange	HWU	Fire	HY481	1765 S. Green Street - Hunan	0
<b>Map 11</b>								
704	hy704		Green	HWU	Fire	HY704	Kresge Drive - Rural King	1
1071	hy1071		Green	HWU	Fire	HY0000	1692 S. Green - @ Kresge Drive	1
1070	hy1070		Green	HWU	Fire	HY705	Kresge Drive - Behind Rural King	1
499	hy499		Orange	HWU	Fire	HY911	502 Arbor Drive - @ Kresge Drive	0
639	hy639		Orange	HWU	Fire	HY706	Kresge Drive - Behind Rural King	0
500	hy500		Green	HWU	Fire	HY912	End of Cold Springs Court	1
501	hy501		Orange	HWU	Fire	HY964	End of White Oak Court	0
502	hy502		Green	HWU	Fire	HY965	1800 White Oak Court	1
710	hy710		Red	HWU	Fire	HY971	Arbor Drive - Henderson Cottages	0
711	hy711		Orange	HWU	Fire	HY970	Arbor Drive - Henderson Cottages	0
712	hy712		Green	HWU	Fire	HY969	Arbor Drive - Henderson Cottages	1
713	hy713		Green	HWU	Fire	HY968	Arbor Drive - Henderson Cottages	1
714	hy714		Red	HWU	Fire	HY967	Arbor Drive - Henderson Cottages	0
715	hy715		Green	HWU	Fire	HY966	Arbor Drive - Henderson Cottages	1
<b>Map 12</b>								
1128	hy898		Blue	HWU	Fire	HY898	1666 S. Green Street	1
640	hy640		Green	HWU	Fire	HY138	325 McClain	1
462	hy462		Blue	HWU	Fire	HY756	1627 S. Green Street	1
463	hy463		Blue	HWU	Fire	HY277	332 Yeaman Avenue	1
503	hy503		Blue	HWU	Fire	HY155	402 Smith Avenue	1
1129	hy1129		Blue	HWU	Fire	HY0000	1560 S. Green Street - Fire Station	1
504	hy504		Blue	HWU	Fire	HY656	473 Smith Avenue	1
645	hy645		Blue	HWU	Fire	HY156	1602 Colonial Drive	1
505	hy505		Blue	HWU	Fire	HY988	601 Canoe Creek Drive	1

Proposed Fire Hydrant List - Year 1

OBJECTID	AssetId	InServiceDate	Color	Owner	HydrantTyp	FireDeptID	Street/Area	Storz?
506	hy506		Blue	HWU	Fire	HY957	517 Canoe Creek Drive	1
507	hy507		Green	HWU	Fire	HY956	505 Canoe Creek Drive	1
508	hy508		Blue	HWU	Fire	HY955	427 Canoe Creek Drive	1
509	hy509		Orange	HWU	Fire	HY954	407 Canoe Creek Drive	0
718	hy718		Green	HWU	Fire	HY992	679 Canoe Creek Drive	1
719	hy719		Green	HWU	Fire	HY993	637 Canoe Creek Drive	1
720	hy720		Blue	HWU	Fire	HY958	1489 Kayak Drive - Across From	1
1110	hy1110		Blue	HWU	Fire	HY987	536 Sioux Drive	1
1111	hy1111		UNKNOWN	HWU	Fire	HY0000	1483 Arrow Drive	0
42	hy42		UNKNOWN	HWU	Fire	HY1008	511 Kiawah	0
<b>Map 13</b>								
510	hy510		Green	HWU	Fire	HY157	405 Fair Street	1
511	hy511		Green	HWU	Fire	HY158	503 Fair Street	1
512	hy512		Blue	HWU	Fire	HY159	527 Fair Street	1
513	hy513		Blue	HWU	Fire	HY160	400 Sand Lane	1
<b>Map 14</b>								
1056	hy1056		Orange	HWU	Fire	HY0000C	Blue Heron Lane	0
1057	hy1057		Orange	HWU	Fire	HY0000C	Blue Heron Lane	0
76	hy76		Orange	HWU	Fire	HY0000C	Mallard Lane @ Gadwall Ln	0
77	hy77		Orange	HWU	Fire	HY0000C	Mallard Lane @ Blue Heron Ln	0
78	hy78		Orange	HWU	Fire	HY0000C	Blue Heron Lane	0
556	hy556		Green	HWU	Fire	HY960C	7176 Airline Road	1
557	hy557		Green	HWU	Fire	HY961C	7179 Airline Road	1
558	hy558		Orange	HWU	Fire	HY0000C	Teal Lane @ Mallard Lane	0
559	hy559		Orange	HWU	Fire	HY0000C	634 Mallard Lane	0
560	hy560		Orange	HWU	Fire	HY0000C	Mallard Lane @ Magenzer (652 Mallard)	0
10	hy10		Orange	HWU	Fire	HY0000C	668 Mallard Lane	0
11	hy11		Orange	HWU	Fire	HY0000C	642 Mallard Lane	0
<b>Map 15</b>								
4026	hy1235		UNKNOWN	HWU	Fire		Barrett Boulevard - near Walmart	0
4027	hy1236		UNKNOWN	HWU	Fire		Barrett Boulevard - past Walmart	0
4028	hy1237		UNKNOWN	HWU	Fire		Barrett Boulevard - past Walmart	0
<b>Map 16</b>								
6	hy6		Blue	HWU	Fire	HY983	500 Klutey Park Plaza	1
7	hy7		Blue	HWU	Fire	HY984	530 Klutey Park Plaza	1
38	hy38		Blue	HWU	Fire	HY986	449 Hoffman Plaza	1
789	hy789		Blue	HWU	Fire	HY814	481 Klutey Park Plaza	1
792	hy792		Blue	HWU	Fire	HY601	460 Klutey Park Plaza (YMCA)	1
796	hy796		Blue	HWU	Fire	HY204	5th & Priest	1
797	hy797		Blue	HWU	Fire	HY205	Vann Wyck Rd @ Outer 5th Street	1
798	hy798		Blue	HWU	Fire	HY203	1203 Fifth Street	1
808	hy808		Green	HWU	Fire	HY229	5th & Adams	1
<b>Map 17</b>								
294	hy294		Orange	HWU	Fire	HY794	1246 Huntspoint Way	0
295	hy295		Green	HWU	Fire	HY791	1247 Alastair Drive	1
<b>Map 18</b>								
4	hy4		Green	HWU	Fire	HY507	161 KY 2084	1
90	hy90		Orange	HWU	Fire	HY496	119 KY 2084 (@ Magnolia)	0
915	hy915		Orange	HWU	Fire	HY490	149 KY 2084 (@ Poplar Ave)	0
916	hy916		Blue	HWU	Fire	HY410	26 Lincoln Avenue	1
938	hy938		Blue	HWU	Fire	HY411	2047 Washington Street	1
939	hy939		Blue	HWU	Fire	HY491	213 KY 2084 (Algonquin's)	1
942	hy942		Orange	HWU	Fire	HY424	260 Blue Ridge Drive	0
943	hy943		Orange	HWU	Fire	HY423	1951 Powell Street	0
944	hy944		Orange	HWU	Fire	HY422	1900 Powell Street	0
945	hy945		Orange	HWU	Fire	HY421	268 Lincoln Avenue	0
<b>Map 19</b>								
1068	hy1068		Green	HWU	Fire	HY75594	4202 Hwy 41A	0
1067	hy1067		UNKNOWN	HWU	Fire	HY75587	3971 Hwy 41A	0
<b>Map 20</b>								
152	hy152		Orange	HWU	Fire	HY871	931 Bellewood	0
153	hy153		Orange	HWU	Fire	HY872	971 Bellewood	0
<b>Map 21</b>								
148	hy148		Red	HWU	Fire	HY574C	840 Woodspoint Drive	0
149	hy149		Red	HWU	Fire	HY100C	3256 Briarwood Drive	0
146	hy146		Green	HWU	Fire	HY575C	3235 Brentwood Drive	0
147	hy147		Orange	HWU	Fire	HY571C	837 Morningside	0
254	hy254		Orange	HWU	Fire	HY570C	888 Morningside	0
143	hy143		Orange	HWU	Fire	HY573C	3101 South Dell	0

