

Patricia A. Peshka  
Purchasing Agent



Joseph J. Solomon  
Mayor

**City of Warwick**  
Purchasing Division  
3275 Post Road  
Warwick, Rhode Island 02886  
Tel (401) 738-2013  
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The following notice is to appear on the City of Warwick's website Tuesday, November 24, 2020. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK  
BIDS REQUESTED FOR**

**Bid2021-217 Firefighting Nozzles and Appliances**

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Tuesday, November 24, 2020. **Our office will also be closed on Wednesday, November 25, 2020 at 12:00pm and will reopen on Monday, November 30, 2020 at 8:30am.**

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 11:00 AM, Tuesday, December 8, 2020. The bids will be opened publicly commencing at 11:00 AM on the same day in the Lower Level Conference Room, Warwick City Hall. ***Please note with the continued increase in COVID-19 cases throughout the state, all public bid openings are to be held via Zoom.***

When: Dec 8, 2020 11:00 AM Eastern Time (US and Canada)  
Topic: City of Warwick - Bid Opening

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/81647187336?pwd=eEE4YVJmYmk4RHJERjBuMDZjNUt3Zz09>

Passcode: **147569**

Or iPhone one-tap :

US: +13017158592,,81647187336#,,,,,0#,,147569# or  
+13126266799,,81647187336#,,,,,0#,,147569#

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 301 715 8592 or +1 312 626 6799 or +1 929 205 6099 or +1 253 215 8782 or +1 346 248 7799 or +1 669 900 6833 or 833 548 0276 (Toll Free) or 833 548 0282 (Toll Free) or 877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Webinar ID: **816 4718 7336**

Passcode: **147569**

International numbers available: <https://us02web.zoom.us/j/81647187336?pwd=eEE4YVJmYmk4RHJERjBuMDZjNUt3Zz09>

Awards will be made on the basis of the lowest evaluated or responsive bid price.  
Please note that no bids can be accepted via email or fax.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: <https://www.ridop.ri.gov/contract-portal/>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): <https://www.njpacoop.org/cooperative-purchasing>

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net/>

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

**Original Signature on File**

Patricia A. Peshka

Purchasing Agent

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**Acknowledgement of Addendum (if applicable)**

**Addendum Number**

**Signature of Bidder**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_

BIDDER'S SIGNATURE: \_\_\_\_\_

BIDDER'S NAME (PRINT): \_\_\_\_\_

TITLE: \_\_\_\_\_ TEL. NO.: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_\*

\*Please include your email address. Future bids will be emailed, unless otherwise noted.

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**II. AWARD AND CONTRACT:**

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: \_\_\_\_\_

Bid2021-217

\_\_\_\_\_

Purchasing Agent

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**CERTIFICATION & WARRANT FORM\***

**This form must be completed and submitted with sealed bid.  
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statues, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

**\*This form cannot be altered in any way**

**CITY OF WARWICK  
NOTICE TO BIDDERS**

**Bid2021-217 Firefighting Nozzles and Appliances**

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2021-217 Firefighting Nozzles and Appliances."

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact Assistant Chief Umbenhauer, Warwick Fire Department, at 401-468-4044.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder should initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder will indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 available on [www.warwickri.gov](http://www.warwickri.gov) should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

The successful bidder will provide said **Certificate of Good Standing** (if required) within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm one (1) year from date of award. Term contracts may be extended for one (1) additional term upon mutual agreement unless otherwise stated.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The successful bidder must comply with all Rhode Island Laws applicable the public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

**Warwick Fire Department**  
**Request for Bids**

**Firefighting Nozzles and Appliances**

The Warwick Fire Department is seeking bids for Firefighting Nozzles and Appliances, in accordance with the following specifications.

All prices will remain in effect for (1) year from date of award. All prices are to include shipping and handling charges.

Firefighting attack hose is to be shipped to Warwick Fire Department, 111 Veterans Memorial Drive, Warwick, RI 02886. Estimated minimum quantities that will be ordered are specified on the pricing page.

**EXCEPTIONS TO SPECIFICATIONS:**

All exceptions to the below specifications must be clearly stated for each specification listed. Use additional pages for exceptions, if necessary.

	<b>GENERAL REQUIREMENTS</b>	<b>Meets Requirements</b>		
a	<u>Standards:</u> All spray nozzles and appliances must conform to the current NFPA 1964 Standard for Spray Nozzles and Appliances, 2018 edition.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
b	<u>Delivery:</u> All delivery costs must be included in the bid price. Delivery must be made at a mutually agreed upon time and location.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
c	<u>Manufacturer's Warranty:</u> Equipment must have, at minimum, a 5-year warranty against defects in material and workmanship.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
d	<u>Technical Support:</u> The vendor or manufacturer must provide 24/7 technical support over the phone for all products.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
e	<u>Equipment Repairs:</u> The vendor or manufacturer must guarantee all repairs will be made within 24 hours.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
f	<u>Serial Number:</u> Nozzles and Valves must be issued a unique serial number by the manufacturer that is laser engraved on the body.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
	<b>TECHNICAL SPECIFICATIONS</b>	<b>Meets Requirements</b>		
Item	<u>Fixed Gallonage Nozzle with Grip</u>	<b>Yes</b>	<b>No</b>	<b>Exception</b>



#1	<p>The nozzle design must allow for straight stream through wide fog patterns with user selectable flows and pressures and be able to be flushed without shutting down. For corrosion resistance and durability, the nozzle must be constructed from hardcoat anodized aluminum alloy, have a stainless steel slide valve with detent flow control for turbulence free flow, a rubber bumper with "power fog" teeth, stainless steel inlet debris screen and reflective labeling. An integral pistol grip handle must be positioned directly below the valve handle.</p> <p>The nozzle must have the capability to change flow/pressure discs, available separately. The nozzle must be configured with 185 GPM at 75 PSI (K factor 21.4) disc.</p> <p>The nozzle must have a 1-1/2" female NH swivel rocker lug inlet that allows the nozzle to swivel when tightened.</p> <p><b>Task Force Tips Model # ME1VPGI-214</b></p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Item #2	<p><u>Fixed Gallonage Nozzle Tip</u></p> <p>The nozzle design must allow for straight stream through wide fog patterns and be able to be flushed without shutting down. For corrosion resistance and durability, the nozzle must be constructed from hardcoat anodized aluminum alloy, a rubber bumper with "power fog" teeth, and reflective labeling.</p> <p>The nozzle must have the capability to change flow/pressure discs, available separately. The nozzle must be configured with 185 GPM at 75 PSI (K factor 21.4) disc.</p> <p>The nozzle must have a 1-1/2" female NH rigid rocker lug inlet.</p> <p><b>Task Force Tips Model #ME1TO-214</b></p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #3	<p><u>Fixed Gallonage Nozzle Tip</u></p> <p>The nozzle design must allow for straight stream through wide fog patterns with user selectable flows and pressures and be able to be flushed without shutting down. For corrosion resistance and durability, the nozzle must be constructed from hardcoat anodized aluminum alloy, a rubber bumper with "power fog" teeth, stainless steel inlet debris screen and reflective labeling.</p> <p>The nozzle must have the capability to change flow/pressure</p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>

	<p>discs, available separately. The nozzle must be configured with 250 GPM at 75 PSI (K factor 28.9) disc.</p> <p>The nozzle must have a 1-1/2" female NH rigid rocker lug inlet.</p> <p><b>Task Force Tips Model #ME2TO-289</b></p>			
Item #4	<p><u>Nozzle Shutoff - Ball Valve with Grip</u></p> <p>The shutoff must be designed with a ball valve flow control handle. For corrosion resistance, the valve body must be constructed from hardcoat anodized aluminum extruded alloy and include a quick change rear valve seat and stainless steel shut off ball. An integral pistol grip handle must be positioned directly below the valve handle. The waterway must have a 1-3/8" diameter unobstructed path.</p> <p>The couplings must be configured as a 2-1/2" female NH rocker lug swivel inlet with the ability to continuously swivel when tightened and a 1-1/2" male NH outlet and be suitable for use with smooth bore tip, stack tip, or combination fog/straight stream nozzles or used for break-and-extend operations.</p> <p><b>Task Force Tips Model #J140FP</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #5	<p><u>Nozzle Shutoff - Detent Valve with Grip</u></p> <p>The shutoff must be designed with a six (6) position detent (click stop) flow control handle. For corrosion resistance, the valve body must be constructed from hardcoat anodized aluminum extruded alloy and Nylon shut off ball. An integral pistol grip handle must be positioned directly below the valve handle. The waterway must have a 1-3/8" diameter unobstructed path.</p> <p>The couplings must be configured as a 1-1/2" female NH rocker lug swivel inlet with the ability to continuously swivel when tightened and a 1-1/2" male NH outlet and be suitable for use with smooth bore tip, stack tip, or combination fog/straight stream nozzles or used for break-and-extend operations.</p> <p><b>Task Force Tips Model #H-VOI</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #6	<p><u>Smooth Bore Insert Kit</u></p> <p>The inserts must be made from polymer material and have the size of the orifice laser engraved on the insert. The inserts</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>

	<p>must be designed for use in Item #5, above. The changeover from one size to must requires no tools.</p> <p>The following tip sizes must be supplied: 7/8", 15/16", 1", 1-1/8".</p> <p><b>Task Force Tips Model # F140SBI</b></p>			
Item #7	<p><u>Smooth Bore Tip</u></p> <p>The nozzle tip must be constructed from hardcoat anodized aluminum alloy and have a smooth inside taper. The nozzle tip must be configured with a 1-1/2" female NH inlet and 7/8" bore. The tip must be laser engraved with bore size, thread size, and a pressure/flow chart.</p> <p><b>Model # FSS8</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #8	<p><u>Smooth Bore Tip</u></p> <p>The nozzle tip must be constructed from hardcoat anodized aluminum alloy and have a smooth inside taper. The nozzle tip must be configured with a 1-1/2" female NH inlet and 1-1/8" bore. The tip must be laser engraved with bore size, thread size, and a pressure/flow chart.</p> <p><b>Model # FSS10</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #9	<p><u>Low Pressure Selectable Gallonage Foam Nozzle with Grip</u></p> <p>The nozzle must be capable of producing either a fog or straight stream with the ability to instantly aspirate foam by sliding a sleeve forward. For corrosion resistance the nozzle must be constructed from hardcoat anodized aluminum, utilize a stainless steel ball valve, and have a quick change polymer valve seat. An integral pistol grip handle must be positioned directly below the valve handle. The nozzle must have reflective labeling and fixed teeth.</p> <p>The nozzle must be configured for flow settings of 30, 60, 95 and 125 GPM at 75 PSI, have a 1-1/2" female NH swivel inlet.</p> <p><b>Model # FQS125BCPL</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #10	<p><u>Portable Attack Monitor Combination Package</u></p> <p>For maximum corrosion protection the aluminum casting must be hard coat anodized aluminum. The monitor must be equipped with a pressure gauge located downstream of the</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>

	<p>inlet coupling. The monitor must be equipped with a ball valve. The monitor must be capable of flowing 500 GPM.</p> <p>The valve handle must have a lock that holds the valve handle in the closed positions when not in use. The handle must have a pull knob to release lock allowing the valve to be opened. When the valve is closed, the handle must automatically lock. A label must be present indicating if the valve is open or closed.</p> <p>The inlet coupling must be 2.5 Inch female coupling with national hose thread that is capable of swiveling when tightened. The discharge coupling must 2.5" male National Hose thread.</p> <p>The monitor must be equipped with stacked smoothbore tips capable of flowing from a 1 inch, 1.25 inch, and 1.5 inch orifice</p> <p>The monitor discharge must have a horizontal range of 20 degrees in each direction from center. The monitor must have an elevation range when unmanned of 30 degrees to 60 degrees. The monitor must have an elevation range when manned or 20 degrees to 60 degrees. For manned operation, the monitor must have an override mechanism that allows the operator to decrease the elevation angle past the unmanned 30 degree limit.</p> <p>The monitor may not weight more than 15lbs. The valve must have a maximum inlet pressure of 175 PSI.</p> <p>The monitor must have two stabilization legs with carbide tips that are capable of folding for carrying and storage. The monitor must have an anchor strap mounted to the monitor at the factory with a storage take up reel. The strap must have a safety hook at the end of the strap capable of grasping and anchor or being secured back onto itself.</p> <p><b>Task Force Tips Model #XXLG-42</b></p>			
Item #11	<p><u>Hydrant Assist Valve w/ Shutoff</u></p> <p>The units must have a valve ball constructed of hardcoat anodized aluminum alloy with corrosion resistant coating, and an NFPA compliant slow-close crank handle gear operator with valve position indicator. An automatic clapper valve with position indicator must be standard to allow water flow in the event of booster pump failure for uninterrupted water flow when the main valve is open. Large diameter inlets and outlets must have corrosion resistant polymer</p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>

	<p>bearing strip. The unit must have a folding carrying handle. The aluminum casting must be hardcoat anodized and have silver powdercoat finish inside and out for maximum corrosion protection.</p> <p>The connections must be: 4-1/2" NH female long handle full time swivel coupling inlet; 5" Storz swivel primary outlet; 5" Storz swivel "to boost" outlet; 5" Storz swivel "boosted" inlet. The Storz couplings must be easily configurable as swivel or rigid with a tool.</p> <p><b>Model #ARS5R2T2T2T</b></p>			
Item #12	<p><u>High Flow, Low-Profile Ball Intake Valve with Pressure Relief Valve with Left Drive with Front Crank</u></p> <p>The unit must be equipped with an adjustable pressure relief valve with visual pressure settings. An eight position adjustable inlet elbow must be located on the bottom of the valve. The valve must be controlled with an NFPA compliant slow-close crank gear operator facing the front of the valve. A 3/4" bleeder valve must be provided to exhaust excess air or water from the valve and hoseline. A position indicator must be provided to allow for quick visualization of the status of the valve in the open, closed or partial positions. For maximum corrosion protection the aluminum casting must be hardcoat anodized, with a powder coat internal and external finish. All components facing the wet side of the valve must be constructed from hardcoat anodized aluminum alloy with corrosion resistant coating.</p> <p>The connections must be: 5" Storz rigid with 30 degree swiveling detent elbow and a 6" female NH swivel long handle connection and include polymer bearing strips for prevention of galvanic corrosion. The Storz coupling must be easily configurable to swivel from rigid. <b><u>The unit must be covered by a ten-year warranty.</u></b></p> <p><b>Task Force Tips Model #AXD1ST-NX-F</b></p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>
Item #13	<p><u>Hydrant Valve</u></p> <p>The lightweight valve must be configured with a 2-1/2" female NH long handle swivel inlet and 2-1/2" male NH rigid outlet. The unit must have quarter-turn aluminum ball valve with full 2-1/2" waterway, and folding Nylon handle with auto-lock feature. A 3/4" NPT female plugged bleeder valve port must be standard. For corrosion resistance the valve must be hardcoat anodized and must have a durable silver powder coat interior and exterior finish.</p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>

	<b>Task Force Tips Model #AV5HNJ-NJ</b>			
Item #14	<p><u>Hydrant Valve, Slow Close</u></p> <p>The lightweight valve must be configured with a 2-1/2" female NH rocker lug swivel inlet and 2-1/2" male NH rigid outlet. The unit must have quarter-turn aluminum ball valve with full 2-1/2" waterway, and multi-turn knob with valve position indicator. A 3/4" NPT female plugged bleeder valve port must be standard. For corrosion resistance the valve must be hardcoat anodized and must have a durable silver powder coat interior and exterior finish.</p> <p><b>Task Force Tips Model #AV5NJ-NJ-SC</b></p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>
Item #15	<p><u>Standpipe Gated Wye with Gauge</u></p> <p>The lightweight wye must be configured with a 2-1/2" female NH swivel rocker lug inlet and two (2) 1-1/2" male NH outlets. One male outlet must be provided without a valve for direct connection to the fire hose. This outlet must have a protected, integral 0-200 PSI pressure gauge. The other outlet must have a 1/4 turn aluminum ball valve with a Nylon folding handle. For corrosion resistance the valve must be hard coat anodized and must have a durable silver powder coat interior and exterior finish.</p> <p><b>Task Force Tips Model #AYG-NJ-NF</b></p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>
Item #16	<p><u>Gated Wye with Long Valve Handles</u></p> <p>The lightweight wye must be configured with a 2-1/2" female NH swivel rocker lug inlet and two (2) 1-1/2" male NH outlets. The outlets must have 1/4 turn aluminum ball valves with color-coded Nylon folding handles. For corrosion resistance the valve must be hardcoat anodized and must have a durable silver powder coat interior and exterior finish.</p> <p><b>Task Force Tips Model #AYNJ-NF</b></p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>
Item #17	<p><u>Foam Eductor</u></p> <p>The portable in line foam eductor must be constructed of corrosion resistant, hardcoat anodized aluminum alloy with stainless steel components. The foam concentrate pickup tube must be 36" in length and constructed of 1" inside diameter, reinforced transparent tubing attached to a stainless steel wand. A back-flush pushbutton control must be</p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>

	<p>provided for fast cleaning of the unit and all controls must be designed for use with gloved hands.</p> <p>The device must be calibrated to proportion Class A or B foams in the following percentages: 0.25%, 0.50%, 1.0%, 3.0%, and 6.0%</p> <p>The eductor must be configured with a 1-1/2" female NH swivel coupling and 1-1/2" male NH rigid thread and be rated for a 125 GPM foam solution discharge.</p> <p><b>Task Force Tips Model #UE-125-NF</b></p>			
Item #18	<p><u>Adapter - 1.5" NHM x 1.5" NHM</u></p> <p>For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with a 1-1/2" male NH rigid thread on both ends with center rocker lugs.</p> <p><b>Task Force Tips Model #AA6NF-NF</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #19	<p><u>Adapter - 1.5" NHF x 1.5" NHF</u></p> <p>For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with two (2) 1-1/2" female NH swivel rocker lug couplings.</p> <p><b>Task Force Tips Model #AA7NF-NF</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #20	<p><u>Adapter - 2.5" NHF x 1.5" NHM, Rigid</u></p> <p>For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy. The adapter must be configured with a 2-1/2" female NH rigid rocker lug and a 1-1/2" male NH rigid threads.</p> <p><b>Task Force Tips Model #AA5NJ-NF</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #21	<p><u>Adapter - 2.5" NHM x 2.5" NHM, Rigid</u></p> <p>For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with a 2-1/2" male NH rigid thread on both ends with center rocker lugs</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>

	<b>Task Force Tips Model #AA6NJ-NJ</b>			
Item #22	<u>Adapter - 2.5" NHF x 2.5" NHF, Swivel</u> For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with two (2) 2-1/2" female NH swivel rocker lug couplings.  <b>Task Force Tips Model #AA7NJ-NJ</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #23	<u>Adapter - 1.5" NHF x 0.75" GHTM, Rigid</u> For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy. The adapter must be configured with a 1-1/2" female NH rigid rocker lug and a 3/4" male GH rigid threads.  <b>Task Force Tips Model #AA5NF-GHT</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #24	<u>Adapter – 5" Rigid Storz x 4" Rigid Storz</u> For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy and include a polymer bearing ring for prevention of galvanic corrosion. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with a 4" rigid Storz coupling and a 5" rigid Storz coupling.  <b>Task Force Tips Model #AA4ST-SP</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #25	<u>Adapter – 5" Swivel Storz x 2.5" NHF Swivel Rocker Lug</u> For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy and include a polymer bearing ring for prevention of galvanic corrosion. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with a 5" swivel Storz coupling and a 2-1/2" female NH swivel rocker lug coupling.  <b>Task Force Tips Model #AA3ST-NJ</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>
Item #26	<u>Adapter – 5" Rigid Storz x 2.5" NHM Rigid Male Rocker Lug</u> For corrosion resistance, the adapter must be constructed of hardcoat anodized aluminum alloy and include a polymer	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Exception <input type="checkbox"/>



	bearing ring for prevention of galvanic corrosion. The adapter must meet a 900 PSI hydrostatic test and comply with the current NFPA 1964 Standard. The adapter must be configured with a 5" rigid Storz coupling and a 2-1/2" male NH rigid.  <b>Task Force Tips Model #AA2ST-NJ</b>			
Item #27	<u>Blind Cap – 5” Storz with Lanyard</u>  A lightweight, heat treated aluminum 5" Storz cap with suction gasket must be provided. An 18" lanyard with 1/4" eyelet for attachment must also be supplied. Cap should be provided without locking lever.  <b>Model #A01ST</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #28	<u>30 Degree Elbow – 5” Rigid Storz x 2-1/2” NHF Swivel Female Rocker Lug</u>  For corrosion resistance, the 30 degree elbow shall be constructed of hardcoat anodized aluminum alloy, have a silver powder coat finish inside and out and include a polymer bearing ring for prevention of galvanic corrosion. An eyelet attachment point shall be provided for securing the lanyard or chain for the cap or plug. The elbow shall meet a 900 PSI hydrostatic test and comply with the current NFPA 1965 Standard. The elbow shall be configured with a 5" swivel Storz coupling and a 2-1/2" female NH swivel rocker lug coupling.  <b>Task Force Tips Model #AH1ST-NJ</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #29	<u>30 Degree Elbow – 5” Rigid Storz x 3” NHF Swivel Female Rocker Lug</u>  For corrosion resistance, the 30 degree elbow shall be constructed of hardcoat anodized aluminum alloy, have a silver powder coat finish inside and out and include a polymer bearing ring for prevention of galvanic corrosion. An eyelet attachment point shall be provided for securing the lanyard or chain for the cap or plug. The elbow shall meet a 900 PSI hydrostatic test and comply with the current NFPA 1965 Standard. The elbow shall be configured with a 5" swivel Storz coupling and a 3" female NH swivel rocker lug coupling.  <b>Task Force Tips Model #AH1ST-NL</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item	<u>30 Degree Elbow – 5” Rigid Storz x 4” NHF Swivel Female</u>	<b>Yes</b>	<b>No</b>	<b>Exception</b>

#30	<p><u>Rocker Lug</u></p> <p>For corrosion resistance, the 30 degree elbow shall be constructed of hardcoat anodized aluminum alloy, have a silver powder coat finish inside and out and include a polymer bearing ring for prevention of galvanic corrosion. An eyelet attachment point shall be provided for securing the lanyard or chain for the cap or plug. The elbow shall meet a 900 PSI hydrostatic test and comply with the current NFPA 1965 Standard. The elbow shall be configured with a 5" swivel Storz coupling and a 4" female NH swivel rocker lug coupling.</p> <p><b>Task Force Tips Model #AH1ST-NP</b></p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Item #31	<p><u>DECON/PAK – 1.5” NHF Angled Swivel Rocker Lug Coupling, 12 GPM @ 100 PSI</u></p> <p>The portable decontamination pack must be a rugged polypropylene concentrate tank with 2.5 gallon capacity. The inlet coupling must be a 1.5 inch female coupling with rocker style lugs capable of swiveling when tightened. The unit must include an integrated twist shut-off valve. The unit must have a selective injection metering knob that can adjust decontamination agent concentrations from 0.1% to 0.5%.</p> <p>The portable decontamination pack must be equipped with a detachable fan spray nozzle is attached to a 12 foot discharge hose. The portable decontamination pack must flow 12 GPM at 100 PSI. The unit must not weight more than 10.4lbs.</p> <p><b>Task Force Tips Model #UM12-NF-D</b></p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #32	<p><u>Spanner Wrench, fits 1-1/4” through 4” couplings</u></p> <p>Spanner wrench must be made from lightweight cast aluminum alloy. Spanner must fit most 1” through 6” rocker lug, Storz, long handle and short handle couplings. Features must include window jimmy, gas cock slot, and hammer head.</p> <p><b>Task Force Tips Model #A3813</b></p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #33	<p><u>Jumbo Spanner Wrench, fits 1” though 6” Storz couplings</u></p> <p>The lightweight aluminum wrench must fit virtually any 1" through 6" Storz, rocker lug or long handle fire hose couplings and is designed to fit wrench bracket Task Force Tips model # A3815. The wrench must have an adjustable</p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>

	tab for releasing of Storz coupling locks  <b>Task Force Tips Model #A3090</b>			
Item #34	<u>Adjustable Hydrant Wrench</u>  The manganese bronze single-headed wrench must be adjustable for square or pentagon hydrant valve stem, include an integral spanner wrench for pin and rocker lug couplings and have a rugged high visibility grip handle.  <b>Task Force Tips Model #A3835</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #35	<u>3-Wrench Bracket, capable of holding two (2) spanner wrenches and one (1) adjustable hydrant wrench</u>  The bracket must be capable of holding two (2) lightweight aluminum universal spanner wrenches and one (1) adjustable hydrant wrench. Bracket must be made from lightweight cast aluminum alloy and have quick, snap action releases  <b>Task Force Tips Model #A3843</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #36	<u>Spanner Wrench Bracket with Spring, capable of holding four (4) jumbo spanner wrenches</u>  The bracket must be designed to hold four (4) lightweight aluminum wrenches that fit 1" through 6" Storz, rocker lug and long handle fire hose couplings  <b>Task Force Tips Model #A3815</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #37	<u>2-1/2" Gate Valve</u>  For corrosion resistance the valve must be cast brass. The unit must have rotational valve control with a non-rising stem. The valve must require 5 turns to fully open/close the valve. The inlet coupling must be a 2.5 inch female coupling with National Hose threads and capable of swiveling when tightened with rocker style lugs. The valve discharge coupling must have must be 2.5 inch male with National Hose threads. The valve must not weight more than 13 lbs. The valve must have a maximum operating pressure of 250 PSI  <b>Akron - Model/Style #285</b>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
Item #38	<u>2-in-1 Universal Storz Adapter, 2.5" NHM x 5" Storz x 2.5" NHF Rigid</u>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>

	<p>The aluminum must be made of 6061-T6 Forged Aluminum. The adapter must be designed with a swivel 2.5 Inch National Hose thread inlet coupling. The adapter must have 2 discharge couplings that can be used interchangeably without alterations being made. One discharge coupling must be a rigid 5 Inch Storz. The second coupling must be set inside of the first Storz coupling and be a rigid 2.5 Inch male National Hose thread.</p> <p><b>Kocheck Model #201-51</b></p>			
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**CITY OF WARWICK**

**BID AND CONTRACT FORM**

**TITLE OF SPECIFICATION:** Bid2021-217 Firefighting Nozzles and Appliances

**I. BID:**

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the bid into a contract. This bid and contract will be secured by Bonds, if required by the specifications.

**Pricing as Follows**

**Continued next page**

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

VENDOR NAME: \_\_\_\_\_

**Firefighting Nozzles and Appliances**

<b>Item #</b>	<b>Description</b>	<b>Estimated Minimum Quantity</b>	<b>Price Each</b>
1	Task Force Tips Metro 1 Fixed Gallonage Nozzle with Grip – 1.5” NHF Swivel Rocker, 185 gpm @ 75psi, K=21.4, <b>Model # ME1VPGI-214</b>	38	
2	Task Force Tips Metro 1 Fixed Gallonage Tip – 1.5” NHF Rigid Rocker Lug, 185 gpm @ 75 psi, K=21.4, <b>Model #ME1TO-214</b>	9	
3	Task Force Tips Metro 2 Fixed Gallonage Tip – 1.5” NHF Rigid Rocker Lug, 250 gpm @ 75 psi, K=28.9, <b>Model #ME2TO-289</b>	11	
4	Task Force Tips Ball Valve with Grip 2.5” NHF Swivel Rocker x 1.5” NHM Rigid <b>Model #J140FP</b>	22	
5	Task Force Tips Detent Valve with Grip, 1.5” NHF Swivel Rocker x 1.5” NHM Rigid, <b>Model #H-VOI</b>	33	
6	Task Force Tips Smooth Bore Insert Kit with 7/8”, 15/16”, 1”, 1-7/8” Diameter Inserts, <b>Model # F140SBI</b>	11	
7	Task Force Tips Smoothbore Series Straight Nozzle Tip 7/8” Orifice x 1.5” NHF Rigid, <b>Model # FSS8</b>	33	
8	Task Force Tips Smoothbore Series Straight Tip 1-1/8” Orifice x 1.5” NHF Rigid, <b>Model # FSS10</b>	22	
9	Task Force Tips Quadracup Selectable Gallonage Nozzle with Grip – 1.5” NHF Swivel Rocker, 30-125 gpm @ 75 psi, fixed teeth, <b>Model # FQS125BCPL</b>	9	
10	Task Force Tips BlitzForce Portable Attack Monitor Combination Package – Monitor and Bracket with 3 Stack Tips (1”, 1-1/4”, 1-1/2”), 500 gpm, 2.5” NHF Swivel Rocker, <b>Model #XXLG-42</b>	9	
11	Task Force Tips Oasis Hydrant Assist Valve w/ Shutoff, Coupling A - 4.5” NHF Swivel Handle, Couplings B/C1/C2 - 5” Storz Swivel, <b>Model #ARS5R2T2T2T</b>	11	

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VENDOR NAME: \_\_\_\_\_

**Firefighting Nozzles and Appliances**

<b>Item #</b>	<b>Description</b>	<b>Estimated Minimum Quantity</b>	<b>Price Each</b>
12	Task Force Tips Jumbo Low-Profile Ball Intake Valve with Pressure Relief Valve, Left Drive with Front Crank, 5" Rigid Storz x 6" NHF Swivel Handle, <b>Model #AXD1ST-NX-F</b>	11	
13	Task Force Tips Hydrant Valve, Quarter Turn, 2.5" NHF Swivel Handle x 2.5" NHM Rigid, <b>Model #AV5HNJ-NJ</b>	11	
14	Task Force Tips Hydrant Valve, Slow Close, 2.5" NHF Swivel Rocker x 2.5" NHM Rigid, <b>Model #AV5NJ-NJ-SC</b>	11	
15	Task Force Tips Hi-Rise Gated Wye with Gauge, 2.5" NHF Swivel Rocker x two (2) 1.5" NHM Rigid Outlets, <b>Model #AYG-NJ-NF</b>	11	
16	Task Force Tips Gated Wye with Long Valve Handles, Quarter Turn, 2.5" NHF Swivel Rocker x two (2) 1.5" NHM Rigid Outlets, <b>Model #AYNJ-NF</b>	22	
17	Task Force Tips Foam Eductor – 125 gpm, 1.5" NHF Swivel Rocker x 1.5" NHM Rigid, 36" Hose (0.25%, 0.5%, 1%, 3%, 6%), <b>Model #UE-125-NF</b>	9	
18	Task Force Tips Adapter - 1.5" NHM x 1.5" NHM, Rigid, <b>Model #AA6NF-NF</b>	22	
19	Task Force Tips Adapter - 1.5" NHF x 1.5" NHF, Swivel, <b>Model #AA7NF-NF</b>	22	
20	Task Force Tips Adapter - 2.5" NHF x 1.5" NHM, Rigid, <b>Model #AA5NJ-NF</b>	22	
21	Task Force Tips Adapter - 2.5" NHM x 2.5" NHM, Rigid, <b>Model #AA6NJ-NJ</b>	22	
22	Task Force Tips Adapter - 2.5" NHF x 2.5" NHF, Swivel, <b>Model #AA7NJ-NJ</b>	22	
23	Task Force Tips Adapter - 1.5" NHF x 0.75" GHTM, Rigid, <b>Model #AA5NF-GHT</b>	11	

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VENDOR NAME: \_\_\_\_\_

**Firefighting Nozzles and Appliances**

<b>Item #</b>	<b>Description</b>	<b>Estimated Minimum Quantity</b>	<b>Price Each</b>
24	Task Force Tips Adapter – 5” Rigid Storz x 4” Rigid Storz, <b>Model #AA4ST-SP</b>	33	
25	Task Force Tips Adapter – 5” Swivel Storz x 2.5” NHF Swivel Rocker Lug, <b>Model #AA3ST-NJ</b>	22	
26	Task Force Tips Adapter – 5” Rigid Storz x 2.5” NHM Rigid Male Rocker Lug, <b>Model #AA2ST-NJ</b>	11	
27	Task Force Tips Blind Cap – 5” Storz with Lanyard <b>Model #A01ST</b>	22	
28	Task Force Tips 30 Degree Elbow – 5” Rigid Storz x 2-1/2” NHF Swivel Female Rocker Lug, <b>Model #AH1ST-NJ</b>	2	
29	Task Force Tips 30 Degree Elbow – 5” Rigid Storz x 3” NHF Swivel Female Rocker Lug, <b>Model #AH1ST-NL</b>	2	
30	Task Force Tips 30 Degree Elbow – 5” Rigid Storz x 4” NHF Swivel Female Rocker Lug, <b>Model #AH1ST-NP</b>	2	
31	Task Force Tips DECON/PAK – 1.5” NHF Angled Swivel Rocker Lug Coupling, 12 GPM @ 100 PSI, <b>Model #UM12-NF-D</b>	3	
32	Task Force Tips Spanner Wrench, fits 1-1/4” through 4” couplings, <b>Model #A3813</b>	44	
33	Task Force Tips Jumbo Spanner Wrench, fits 1” though 6” Storz couplings, <b>Model #A3090</b>	22	
34	Task Force Tips Adjustable Hydrant Wrench, <b>Model #A3835</b>	11	
35	Task Force Tips 3-Wrench Bracket, capable of holding two (2) spanner wrenches and one (1) adjustable hydrant wrench, <b>Model #A3843</b>	11	

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VENDOR NAME: \_\_\_\_\_

**Firefighting Nozzles and Appliances**

<b>Item #</b>	<b>Description</b>	<b>Estimated Minimum Quantity</b>	<b>Price Each</b>
36	Task Force Tips Spanner Wrench Bracket with Spring, capable of holding four (4) jumbo spanner wrenches, <b>Model #A3815</b>	11	
37	Akron 2-1/2" Gate Valve <b>Model/Style #285</b>	11	
38	Kochek 2-in-1 Universal Storz Adapter, 2.5" NHM x 5" Storz x 2.5" NHF Rigid, <b>Model #201-51</b>	11	

**EXCEPTIONS TO SPECIFICATIONS**

**Any and all exceptions to the above specifications must be clearly stated for each specification listed. Use additional pages for exceptions, if necessary.**