



COVER PAGE

Bid Proposal # 2590

EXTRICATION TOOLS AND BATTERY CHARGERS

Sealed bids and electronic submitted bids for the above will be received until **10:00 AM CST, Tuesday, August 11, 2026** and publicly opened in the City of Alexandria Council Chambers or Council Committee Room.

Please file bid by one of the following means:

Hand-Delivered or Express Delivery:

Attention: Donna Jones, City Clerk
City of Alexandria - City Hall
915 Third Street, First Floor
Alexandria, LA 71301
Phone: 318-449-5090

Mailed via USPS:

Attention: Donna Jones, City Clerk
City of Alexandria - City Hall
PO Box 71
Alexandria, LA 71309-0071

Electronic Bid Submission: Central Bidding

Pursuant to Louisiana R.S. 38:2212 B.(6)(a) through E. (1-7) and R.S. 38:2212.1 B.(4)(a), vendors/contractors have the option to submit their bids and bid bonds electronically. Bids and bonds to be filed electronically shall be posted with **Central Bidding** at www.centrauctionhouse.com (phone 1-225-810-4814). Registration will need to be completed prior to posting of bid.

Complete bid specifications are available for viewing and downloading at the City of Alexandria's website www.cityofalexandriala.com ; on the left hand side of the opening page, go to the heading "*Business*" then drop down to "*RFP/RFQ/Bids*"; the current bids will be listed for your convenience.

City of Alexandria Buyer Name: Casey Barnes
Phone Number: (318)441-6162
Fax Number: (318)619-3415
E-Mail Address: casey.barnes@cityofalex.com



Wilma Kelly, Interim
Purchasing Manager

City of Alexandria
Purchasing Department
P.O. Box 71
Alexandria, Louisiana
71309-0071



Office: (318) 441-6180
Fax: (318) 441-6185

Sealed bids will be received until **10:00 AM, Tuesday, August 11, 2026** and publicly opened in the Council Chambers or Council Committee Room.

City of Alexandria Bid # 2590
Page: 1 of 20
Date Specifications Prepared: June 5, 2026

Bid Bond Requirements: A bid bond or check for N/A% of the total amount of bid.

Performance Bond Requirements: In the event bid is accepted, a performance bond shall be required in the amount of N/A%.

Please file bid with the following:
Donna Jones, City Clerk
City of Alexandria - City Hall
915 Third Street
P.O. Box 71
Alexandria, LA 71309-0071
Phone: 318-449-5047

INTRODUCTION

EXTRICATION TOOLS AND BATTERY CHARGERS

It is the intent of the City of Alexandria to secure pricing on a **minimum of 3 (three) Electro-Hydraulic Spreaders, 3 (three) Electro-Hydraulic Cutters and 6 (six) 12 Volt Chargers**, for use by the City of Alexandria Fire Department.

All products shall be new and unused. Quoted prices shall be for a complete unit ready for use. Each unit shall be equipped with the manufacturer's equipment and accessories which are included as "standard" in the advertised and published literature for the unit. No such item of equipment shall be removed or omitted for the reason that it was not specified in the bid documents.

All bid prices shall include any and all freight charges. All products are to be shipped F.O.B., freight prepaid, to the City of Alexandria Fire Department, to the attention of Dylan Derbonne, 1000 Bolton Ave. Alexandria, LA 71301, phone 318-441-6618.

Completed bid packet should be returned as issued by the City of Alexandria with ALL PAGES intact and all specification response columns filled in. Incomplete columns or missing pages, to include any addendum pages, may result in the bidder's entire bid being rejected.

Questions and/or clarifications of bid specifications are to be in written form only, either mailed, faxed, or e-mailed to the attention of Casey Barnes, City of Alexandria - Purchasing Department, P.O. Box 71, Alexandria, LA 71309-0071; Fax #318-619-3415; e-mail casey.barnes@cityofalex.com ; and must be received by **4:00PM CST, on Thursday, July 30, 2026.**

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

GENERAL CONDITIONS FOR BIDDERS - PLEASE READ CAREFULLY

1. Pursuant to LA R.S 38:2212.1. C.(1)(2), any manufacturer's preference in this proposal is descriptive, but non-restrictive, and is used only to indicate minimum requirement for type, grade and quality unless otherwise specified.
2. Pursuant to LA R.S. 38:2212 B.(1), the provisions and requirement of this bid shall not be considered as informalities and shall not be waived by the City of Alexandria. Therefore, conditions and specifications on this bid form shall be strictly enforced and any and all alterations, deviations, and non-compliance to said conditions and specifications, either on the bid form or by separate attachment, shall be grounds for immediate disqualification.
3. Preference shall be given to bidders quoting F.O.B. Destination (the City of Alexandria using department), FREIGHT PREPAID, unless otherwise requested.
4. Each bidder shall submit his proposal on the proposal form furnished by the City of Alexandria Purchasing Department. The complete bid package must be returned as issued by the City with all pages intact and all specification response columns filled in. Incomplete columns or missing pages, to include addendum pages, shall result in the vendor's entire bid package being rejected.
5. Literature, brochures, and other related paperwork attached to the bid should be identified with the name of the bidder and bid item number.
6. In case of a mathematical discrepancy between unit price and extensions, the unit price shall prevail.
7. Pursuant to LA R.S. 38:2212 F., the bid specifications may contemplate a fixed escalation or de-escalation in accordance with the United States Bureau of Labor Statistic's Consumer Price Index or the Producer Price Index. Bids based on specifications which are subject to a recognized escalation index shall be legal and valid for any item of a public work, at the discretion of the City.
8. Pursuant to LA R.S. 38:2212.1. F., any public procurement unit may participate in a cooperative purchasing agreement with the City of Alexandria to acquire quantities of the above listed items under a contract with the City of Alexandria for items awarded by public bid, pursuant to the cooperative purchasing provisions of Part VII of Chapter 17 of Subtitle III of Title 39 of the Louisiana Revised Statutes of 1950, R.S. 39:1701 et seq.
9. The City of Alexandria reserves the right to award by item or by total bid, unless otherwise specified in the bid specifications. (Price(s) should be itemized.)
10. All erasures or corrections on the bid form must be initialed and the City of Alexandria may rely on the apparent authority represented by the initials.
11. The City of Alexandria reserves the right to reject for cause any and all bids or parts of bids, or accept bids most beneficial to the City.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

General Conditions for Bidders - Please Read Carefully (Continued)

12. Any bid submitted which contains additions, conditional or alternate bids, or irregularities which may make the proposal incomplete, indefinite, or ambiguous as to its meaning, thus requiring clarification after the specified date and time of bid opening shall be rejected.
13. Bids shall be opened publicly in the City Council Chambers or Council Committee Room.
14. Cash discounts may be accepted, but SHALL NOT be considered in making award.
15. Regarding a bid for purchase of materials, supplies or services, not to include construction of any public works, a written notice of acceptance mailed or otherwise furnished to the successful bidder shall result in a binding contract without further action by either party.
16. When any bid is accepted for the construction or doing of any public works, a written contract shall be executed by and between the City of Alexandria and the Contractor. No contract shall be binding upon the City until it has been executed by the City and delivered to the successful bidder. Should the bidder to whom the contract is awarded fail to execute the contract, the award shall then be made to the next lowest responsible bidder, or re-advertised for public bid, said decision to be in the sole judgment of the City of Alexandria. This action may result in the loss of bidding privileges for a period of one (1) year.
17. The City of Alexandria shall schedule for payment the invoices for articles or services purchased under this bid within thirty (30) days after due and proper delivery accompanied by invoice.
18. The City of Alexandria is exempt from all sales taxes. A sales tax exempt form shall be furnished by the City of Alexandria Purchasing Department, if requested.
19. Bidder(s) awarded item(s) by the City of Alexandria shall be responsible for supplying all products at the awarded price(s). Failure may result in the City's cancellation of the remaining items awarded.
20. Regarding Service Contracts and Procurement Contracts, the terms of the contract shall be binding upon any and all parties involved until goods and supplies are delivered, services have been rendered, and/or work has been completed and accepted by the Mayor on behalf of the City of Alexandria and all payments required to be made to the Contractor have been made. However, a contract may be terminated under any and all of the following conditions:
 - (a) By mutual agreement and consent of each party upon thirty (30) days written notice to the other party;
 - (b) By the Mayor, on behalf of the City of Alexandria, as a consequence of the failure of the Contractor to comply with the terms and conditions of the contract or the progress or quality of work to be performed in a satisfactory manner, proper allowance being made for circumstances beyond the control of the Contractor; or
 - (c) By satisfactory completion of all services and obligations described in the contract.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

General Conditions for Bidders - Please Read Carefully (Continued)

If the contract is terminated for any of the terms and conditions authorized in sub-paragraph (b) above, Contractor shall be formally notified in writing by the City of Alexandria Purchasing Department by means of certified mail informing him of cancellation of the contract, giving specific reasons for said cancellation. Contractor shall have the right to appeal to the City Council within ten (10) days from the date that said notification is placed in the U.S. Mail. Contractor's appeal shall be accomplished by means of a letter addressed to the City Council and delivered to the City Clerk, stating that an appeal to the decision of cancellation is desired. The City Council shall thereafter hold a hearing on the appeal, giving all parties the opportunity to present any and all evidence concerning the decision of cancellation. After hearing the appeal, the city Council may, by a majority vote, sustain, modify, or reverse the findings for said decision and shall provide, if requested by Contractor, a written determination of its findings.

21. Contractors submitting bids for Public Works construction projects in excess of \$1.00 must show his Contractor's License Number on the front of the bid envelope, except for certain projects for which a Contractor's License Number is not required by the State Contractor's Licensing Board. Failure to comply with this directive shall result in automatic bid rejection, furthermore, any Contractor who submits a bid for a type of construction for which he is not properly licensed shall be acting in violation of LA R.S. 37:2163, and shall be subject to all provisions for violation and penalties thereof. Contractors who are owned by, and are submitting a bid as a subsidiary of a parent company, whose name is listed in the State of Louisiana's Roster of Licensed Contractors, may do so by including a letter of proof of ownership from the parent company with the submitted bid package. The letter must be signed as per LA R.S. 38:2212 B.(5)(a)(b)(c) (see Item #22 below).

22. All bids submitted via USPS (registered or certified), overnight courier or hand delivered, shall be signed by hand and in ink by an authorized company representative per LA R.S. 38:2212 B.(5)(a)(b)(c), which states:

(c)(i) Evidence of agency, corporate, or partnership authority shall be required for submission of a bid to the division of administration or the State of Louisiana. The authority of the signature of the person submitting the bid shall be deemed sufficient and acceptable if any of the following conditions are met:

(aa) The signature on the bid is that of any corporate officer listed on the most current annual report on file with the Secretary of State, or the signature on the bid is that of any member of a partnership or partnership in commendam listed in the most current partnership records on file with the Secretary of State.

(bb) The signature on the bid is that of an authorized representative of the corporation, partnership, or other legal entity and the bid is accompanied by a corporate resolution, certification as to the corporate principle, or other documents indicating authority which are acceptable to the public entity.

(cc) The corporation, partnership, or other legal entity has filed in the appropriate records of the Secretary of State in which the public entity is located, an affidavit, resolution, or other acknowledged or authentic document indicating the names of all parties authorized to submit bids for public contracts. Such document on file with the Secretary of State shall remain in effect and shall be binding upon the principal until specifically rescinded and canceled from the records of the office.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

General Conditions for Bidders - Please Read Carefully (Continued)

23. In-State preferences shall not apply to procurements involving federal funds.
24. Pursuant to LA R.S. 38:2212 O.(2)(a)(b), any modifications of plans and specifications will be made through an addendum. No addendum shall be issued within seventy-two (72) hours of the bid opening, excluding weekends and legal holidays, without the extension of the bid opening date. An extension of at least seven (7) but no more than thirty (30) working days is required but, re-advertising is not required. The addendum shall be transmitted by any one of the following methods: (1) facsimile transmission; (2) e-mail; (3) by hand; or (4) posted on the City of Alexandria's website () and posted on Central Bidding's website (www.centralauctionhouse.com) if applicable.
25. All Federal Transit Administration (FTA) funded procurements, including operating assistance funding contracts, are to follow the Master Agreement, to include all applicable federal clauses.
- a. Any bidder that is found listed on the Federal Government's *System for Award Management* (SAM) website, at www.sam.gov/portal/sam , under the advanced search feature for *Excluded Parties List System* (EPLS), shall automatically be rejected for the award of this bid, by Category and/or in its entirety. This applies to any portion of the bid that is a procurement funded by FTA.
26. Under the City's *AFEAT (Alexandria Fairness, Equality, Accessibility, and Teamwork Program)*, participation by minority and/or disadvantaged business enterprise firms is encouraged. Inquiries about the *AFEAT* Program should be directed to the Division of Finance. As a part of its RFP response, each Bidder ***shall*** submit documentation of its bona fide effort to secure subcontractors that meet the City's *AFEAT* goals. Each bidder ***shall*** also submit proof of engagement of any subcontractor selected because of its solicitations. The Bidder's bona fide efforts and engagement(s) are a consideration in bid review and rating.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Alexandria Fairness, Equality, Accessibility and Teamwork Program (AFEAT)

Dear Vendor:

Under the City's *AFEAT (Alexandria Fairness, Equality, Accessibility, and Teamwork Program)*, participation by minority and/or disadvantaged business enterprise firms is encouraged. The AFEAT Program should be inquired about through the Division of Finance. The goals for qualifying disadvantaged, minority and female owned business in the use of professional service agreements with prime contractors will help effectuate the goals of increasing: the competitive viability of small business, minority, and women business enterprise by providing contract, technical, educational, and management assistance; business ownership by small business persons, minority persons, and women (including professional service opportunities); and the procurement by the City of professional services, articles, equipment, supplies, and materials from business concerns owned by small business concerns, minority persons, and women.

Prime contractors offering subcontracting should take specific action to ensure that a bona fide effort is made to achieve maximum results towards meeting the established goals. Primes shall document efforts and shall implement steps at least as extensive as the following in a good faith effort to reach or exceed the established goals:

- A. *Establish and maintain a current list of minority and female owned businesses in Alexandria, in Rapides Parish, and in the State of Louisiana.*
- B. *Document and maintain a record of all solicitations of offers for subcontracts from minority or female construction contractor and suppliers in Alexandria, in Rapides Parish, and in the State of Louisiana.*
- C. *Secure listing of minority and women owned businesses from the City of Alexandria Purchasing Department, the Central Louisiana Business Incubator, and the State of Louisiana Department of Minority Affairs.*
- D. *Participate in associations which assist in promoting minority and women owned businesses such as the Central Louisiana Business League, the Central Louisiana Business Incubator, and the Entrepreneurial League System.*
- E. *Designate a responsible official to monitor all activity made in the effort to achieve or exceed the established goals; record contacts made, subcontracts entered into with dollar amounts, and other relevant information.*

For more information on AFEAT and the City of Alexandria's Diversity in Action Initiative, and to explore a local and statewide directory of minority businesses, please visit www.diversityinaction.org . Should you have any questions or comments, please do not hesitate to contact our Finance Department at 318-449-5091 or our Purchasing Department at 318-441-6180.

As a part of its RFP response, each Bidder ***shall*** submit documentation of its bona fide effort to secure subcontractors that meet the City's AFEAT goals. Each bidder ***shall*** also submit proof of engagement of any subcontractor selected because of its solicitations. The Bidder's bona fide efforts and engagement(s) are a consideration in bid review and rating.

Sincerely,

City of Alexandria

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

BID SPECIFICATIONS

SCOPE: The following bid specifications are to be used as minimum and maximum standards for a **minimum of 3 (three) Electro-Hydraulic Spreaders, 3 (three) Electro-Hydraulic Cutters and 6 (six) 12 Volt Chargers** for use by The City of Alexandria Fire Department. All quoted products shall either meet or exceed the following specifications.

Unless otherwise stated, the use of manufacturer's name and product numbers are for descriptive purposes and to establish general quality levels only, they are not intended to be restrictive.

Prospective bidders are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items as stated. Bidder should indicate in the space provided below, under "*Bidder's Response*:", the necessary information to indicate he/she is conforming with the bid specifications for each item as written. If Bidder is in complete compliance with each bid specification item as written, please write "Comply" in the space provided; if not, please indicate in this space, the necessary information on the product you are proposing. Each specification response is necessary to ensure the proper evaluation and tabulation of this bid. If each "*Bidder's Response*" section is not filled in or completed, your bid may be rejected.

Bidder's Response:

1.0 General:

1.1 No bid may be withdrawn for at least thirty (30) days after the scheduled closing time for the receipt of bids. Quoted prices shall remain firm until product(s) have been accepted by the City of Alexandria as delivered.

1.2 Products shall be new, un-used, and of current manufacture.

1.3 Pursuant to LA R.S. 38:2212 A.(2), the bid specifications may contemplate a fixed escalation or de-escalation in accordance with the United States Bureau of Labor Statistic's Consumer Price Index and/or Wholesale Price Index. Bids based on specifications which are subject to a recognized escalation index shall be legal and valid.

1.3.1 If any items bid has an escalation or de-escalation unit price change based on data from the manufacturer during the contract period, the low bidder shall provide a copy of such notification to the Fire Department and invoices shall be adjusted to reflect the price change.

1.4 Where applicable, bids for "optional" equipment shall be listed in the appropriate spaces provided on the bid specifications "Price Page". Option bids shall not be a basis for bid award and shall not be included in the total bid price.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

1.0 General: (Continued)

1.6 All products shall be delivered F.O.B., freight pre-paid to the City of Alexandria, Fire Department, Attn: Dylan Derbonne, 1000 Bolton Ave., Alexandria, LA 71301, Phone 318-441-6618.

1.7 Each bidder is requested to furnish, attached to the bid, complete descriptive literature on product being bid. Any item(s) appearing in the manufacturer's regularly published specifications as "standard", are assumed to be included in the bidder's proposal.

1.8 Each respective bidder shall be responsible for insuring that his/her products meet or exceed specifications as described herein.

2.0 Product Warranty:

2.1 Bidders should attach a copy of their warranty statement for item bid with this bid submittal.

3.0 Electro-Hydraulic Spreader:

3.1 The tool should be designed to hydraulically activate piston with two equal, opposite light metal alloy spreader arms that are symmetrically opened by mechanical joints, hereby spreading objects.

3.1.1 Closing the spreader arms should also be carried out hydraulically and mechanically by reverse order of the piston.

3.2 Electro-hydraulic devices must not require connection to an external hydraulic source.

3.2.1 Generation of the required hydraulic pressure should take place within the body of the device by either a quick exchange lithium/ion battery or an external power supply.

3.3 The electro-hydraulic tool should be equipped with light-emitting diodes attached to facilitate work under poor lighting conditions.

3.3.1 For simplicity, the lights must be powered by the same Lithium-Ion battery that powers the electro-hydraulic tool and not a secondary battery.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

3.0 Electro-Hydraulic Spreader: (Continued)

3.4 The cylinder of the tool shall be a one-piece design made of anti-corrosive T6-7075 light aluminium alloy for its lightweight, strength and long life; or equal design.

3.5 The spreader shall produce a maximum spreading force of up to 187,940 lbf. (836 kN).

3.6 The tool shall produce a maximum spreading distance of 23.6 in (600 mm).

3.7 The spreader shall produce a minimum HSF test result of 14,162 lbf (63 kN), and a minimum LSF test result of 8,768 lbf (39 kN) as set forth in NFPA 1960-2024.

3.8 To maximize the capability of the spreader the unit shall be compatible with an optional chain and shackle package for pulling operations, should only use HURST chain set KSV 11; or equal.

3.8.1 This should not require the removal of the tips for attachment.

3.8.2 The spreader shall produce a HPF test result of 9,667 lbf (43 kN), and a minimum LPF test result of 5,171 lbf (23 kN) as set forth in NFPA 1960-2024.

3.9 The tool shall produce a pulling distance of 17.3 in (440 mm).

3.10 The tips are to be removable, multifunctional tips that can be used for spreading, squeezing, and pulling without the need to be changed.

3.11 The removable tips shall have 15 contact points machined to a sharp-edged “shark tooth” aggressive design for maximum performance and gripping capability.

3.12 The tips shall be easily removed by depressing a spring loaded “button” style detent pins to allow for the use of compatible optional peeling tips used for tearing linear holes in sheet metal.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

3.0 Electro-Hydraulic Spreader: (Continued)

3.13 The arms of the tool should be made of aluminium alloy and attach via removable links for ease of repair, efficient power transmission and smooth operation.

3.13.1 The arms shall include a metal protective and gripping squeezing plate on both the inside and the outside of each arm.

3.14 The control mechanism shall feature a star-grip control actuator for ease of operation by allowing 360 ° operations in any position; or equivalent design.

3.14.1 The tool must provide a non-interflow shear seal “dead man” actuator, whereby the unit stops functioning when thumb pressure is released.

3.15 The opening and closing positions shall be clearly marked.

3.16 The tool shall have two handles:

3.16.1 One located at the center of the tool and the other located below the control mechanism.

3.16.2 The center crossbar handle should allow for easy ergonomic manipulation from the center or either side without the need of rotating the handle in to position.

3.17 The tool should be equipped with a dual pilot check valves to prevent accidental movement of the arms in the event of power loss.

3.18 The tool shall be protected by a pressure relief valve that prevents it from being over pressurized.

3.19 The tool dimensions without the battery should not be any longer than 32.4 in (823 mm), wider than 10.1 in (256 mm) or higher than 9.96 in (253 mm).

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

3.0 Electro-Hydraulic Spreader: (Continued)

3.20 The operating pressure to the tool should be a minimum of 10,000 psi (70 MPa).

3.21 The current consumption should be 6A DC in idle mode and 39A DC at maximum load.

3.22 The tool shall be able to tolerate an ambient temperature range of -4°F (-20°C) up to +131°F (+55°C).

3.23 The tool must be compatible with three battery options:

3.23.1 5Amp/25.2 V battery capable of freshwater submersion up to 11ft.

3.23.2 9Amp/25.2V battery capable of freshwater submersion up to 11ft.

3.23.3 9Amp/25.2V battery capable of saltwater submersion up to 11ft.

3.24 The tool must be NFPA 1960; 2024 Edition compliant and shall be labelled as such bearing the mark of the 3rd Party testing agency.

3.25 The tool should not weigh more than 36.6lbs (16.6 kg) excluding the power supply.

3.26 The tool shall have a noise pressure level of 77 dB(A) at max load.

3.27 The tool shall be able to operate submerged in fresh water up to 11ft.

3.28 The tool shall have an IP rating of IP58 and utilize a battery with an IP rating of IP68; or equal.

3.29 Tool dashboard shall illuminate to notify the user of a higher than normal temperature in the main circuit board and shall discontinue the turbo feature while detected.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

3.0 Electro-Hydraulic Spreader: (Continued)

- 3.30 Tool dashboard shall illuminate an icon on the tool's dashboard to indicate that the tool has a saltwater capable battery attached. _____
- 3.31 The tool dashboard shall display an indicator that illuminates when the turbo feature is active. _____
- 3.32 The tool dashboard shall display a pressure indicator that will continually change showing the level of pressure being produced by the tool throughout its operation. _____
- 3.33 The tool dashboard shall display an icon that shows the current battery state of charge for real-time awareness. _____
 - 3.33.1 The indicator lights shall consist of green, yellow, and red indication levels relative to the battery level. _____
- 3.34 Open and Close icons shall illuminate on the tool dashboard when the trigger control valve is actuated in their respective direction. _____
- 3.35 The tool shall be Wi-Fi enabled and compatible with a 2.4GHz network. _____
 - 3.35.1 The tool shall have a Wi-Fi indicator light and should consist of the following (3) colors, green, yellow, and red. _____
 - 3.35.2 The tool shall connect to secure Wi-Fi networks to transmit tool, battery, and charger data and receive firmware updates. _____
 - 3.35.3 The tool shall have the capability to create its own WLAN network to connect and transmit data. _____
- 3.36 As a minimum the tool shall be able to collect and transmit the following data:
 - 3.36.1 Power on time. _____
 - 3.36.2 Temperature. _____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

3.0 Electro-Hydraulic Spreader: (Continued)

3.36.3 Total in use time, total runs and last activity start time.

3.36.4 Last connection.

3.36.5 Days since last upload.

3.36.6 GPS location of last upload.

3.36.7 Battery relative state of charge (in percentage), battery state of health (in percentage), current battery voltage, battery temperature, battery serial number, battery type, charger serial number and charger type.

3.37 As a minimum the tool shall trigger alerts to send to select recipients for any of the following incidents that occur in the field:

3.37.1 Drop alert.

3.37.2 Tool roll alert.

3.37.3 Tool submerged.

3.37.4 Tool submerged in salt water.

3.37.5 Tool improperly used in salt water.

3.37.6 Tool submerged for extended time.

3.37.7 Tool temperature reaches a critical level.

4.0 Electro-Hydraulic Cutter:

4.1 The tool shall be designed to be a hydraulically operated piston activating mechanical joints symmetrically to open or close a set of two opposite blade arms whereby cutting surfaces go on top of each other without making contact thus enabling objects to be cut.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

4.0 Electro-Hydraulic Cutter: (Continued)

4.2 Electro-hydraulic cutter must not require connection to an external hydraulic source.

4.2.1 Generation of the required hydraulic pressure should take place within the body of the device by either a quick exchange lithium-ion battery or an external power supply.

4.3 The electro-hydraulic tool should be equipped with light-emitting diodes attached on the operating side to facilitate work under poor lighting conditions.

4.3.1 For simplicity, the lights shall be powered by the same Lithium-Ion battery that powers the electro-hydraulic tool and not a secondary battery.

4.4 The cylinder of the tool shall be made of anti-corrosive T6-7075 grade light aluminium alloy for its lightweight, strength and long life.

4.4.1 The body of the tool shall have a high impact, non-metallic housing.

4.5 The maximum cutter opening at the tips will be 8.07 in (205 mm).

4.6 The cutter must have an advanced blade geometry for pulling metal to the back of the blades, reducing tool rotation and providing maximum cutting performance.

4.7 The blades shall be made of dropped-forged steel which has a glass-pearl blasted finish and are re-grindable.

4.7.1 The blades of the tool should be attached to the piston rod via removable links for ease of repair, efficient power transmission and smooth operation.

4.7.2 The pivot points of the blades shall have a rubber boot hand guard for safety purposes.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

4.0 Electro-Hydraulic Cutter: (Continued)

4.8 The cutting performance of the tool shall be able to cut up to 1.65 in (42 mm) diameter round stock steel.

4.9 The tool shall have a dual pilot check valve to prevent accidental movement of the blades in the event of power loss.

4.10 The control mechanism shall feature a star-grip control actuator for ease of operation by allowing 360 ° operations in any position.

4.10.1 The mechanism shall be separate and independent from the handle to provide added control in close-quarter operation.

4.11 The tool must provide a non-interflow shear seal “dead man” actuator, whereby the unit stops functioning when star grip control valve is released.

4.12 The tool shall have two handles:

4.12.1 One located at the center of the tool and the other located below the control mechanism.

4.12.2 The center crossbar handle allows easy ergonomic manipulation from the center or either side without the need of rotating the handle in to position.

4.13 The opening and closing positions are clearly marked.

4.14 The tool shall be protected by a pressure relief valve that prevents it from being over pressurized.

4.15 The tool dimensions without the battery should not be any longer than 35.7 in (907 mm), wider than 10.5 in (266 mm) or higher than 9.96 in (253 mm).

4.16 The operating pressure to the tool should be a minimum of 10,000 psi (70 MPa).

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

4.0 Electro-Hydraulic Cutter: (Continued)

4.17 The current consumption should be 8A DC in idle mode.
and 42A DC at maximum load.

4.18 The tool shall be able to tolerate an ambient temperature
range of -4°F (-20°C) up to +131°F (+55°C).

4.19 The tool must be compatible with three battery options:

4.19.1 5Amp/25.2 V battery capable of freshwater
submersion up to 11ft.

4.19.2 9Amp/25.2V battery capable of freshwater
submersion up to 11ft.

4.19.3 Tool must also be compatible with a 9Amp/25.2V
battery capable of saltwater submersion up to 11ft .

4.20 The tool must be NFPA 1960; 2024 Edition compliant and
shall be labelled as such bearing the mark of the 3rd party
testing agency.

4.21 Cutting classification should be no less than A8 / B9 / C8 /
D9 / E9 / F5 as defined in NFPA 1960; 2024 and certified
by a 3rd party testing agency.

4.22 The tool should not weigh more than 48.3 lbs (21.9 kg)
excluding the power supply.

4.23 The tool shall have a noise pressure level of 75 dB(A)
at max load.

4.24 The tool shall be able to operate submerged in fresh
water up to 11ft.

4.25 The tool shall have an IP rating of IP58 and utilize a battery
with an IP rating of IP68.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

4.0 Electro-Hydraulic Cutter: (Continued)

4.26 Tool dashboard shall illuminate to notify the user of a higher-than-normal temperature in the main circuit board and shall discontinue the turbo feature while detected.

4.27 Tool dashboard shall illuminate an icon on the tools dashboard to indicate that the tool has a saltwater capable battery attached.

4.28 The tool dashboard shall display an indicator that illuminates when the turbo feature is active.

4.29 The tool dashboard shall display a pressure indicator that will continually change showing the level of pressure being produced by the tool throughout its operation.

4.30 The tool dashboard shall display an icon that shows the current battery state of charge for real-time awareness.

4.30.1 The indicator lights shall consist of green, yellow, and red indication levels relative to the battery level.

4.31 Open and Close icons shall illuminate on the tool dashboard when the trigger control valve is actuated in their respective direction.

4.32 The illumination of the power ring shall change from blue to red when the tool reaches a specified parameter, and the tool detects a greater than 10-degree rotation along its linear axis. This shall alert end user.

4.33 The tool shall be Wi-Fi enabled and compatible with a 2.4GHz network.

4.34 The tool shall have a Wi-Fi indicator light and must consist of the following (3) three colors: green, yellow, and red.

4.35 The tool shall connect to secure Wi-Fi networks to transmit tool, battery, and charger data and receive firmware updates.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bid Specifications (Continued)

Bidder's Response:

4.0 Electro-Hydraulic Cutter: (Continued)

- 4.36 The tool shall have the capability to create its own WLAN network to connect and transmit data. _____
- 4.37 The tool shall be able to collect and transmit the following data:
 - 4.37.1 Power on time. _____
 - 4.37.2 Temperature. _____
 - 4.37.3 Total in use time. _____
 - 4.37.4 Total runs. _____
 - 4.37.5 Last activity start time. _____
 - 4.37.6 Last connection. _____
 - 4.37.7 Days since last upload. _____
 - 4.37.8 GPS location of last upload. _____
 - 4.37.9 Battery relative state of charge (in percentage). _____
 - 4.37.10 Battery state of health (in percentage). _____
 - 4.37.11 Current battery voltage. _____
 - 4.37.12 Battery temperature. _____
 - 4.37.13 Battery serial number. _____
 - 4.37.14 Battery type. _____
 - 4.37.15 Charger serial number. _____
 - 4.37.16 Charger type. _____

Bid Specifications (Continued)

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

Bidder's Response:

4.0 Electro-Hydraulic Cutter: (Continued)

4.38 The tool shall trigger alerts to send to select recipients for any of the following incidents that occur in the field:

4.38.1 Drop alert.

4.38.2 Tool roll alert.

4.38.3 Tool submerged.

4.38.4 Tool submerged in salt water.

4.38.5 Tool improperly used in salt water.

4.38.6 Tool submerged for extended time.

4.38.7 Tool temperature reached a critical level.

5.0 Battery Charger:

5.1 Shall be able to charge 12-volt batteries that are either A 5 Amp/25.2V or 9 Amp/25.2V battery.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
EXTRICATION TOOLS AND BATTERY CHARGERS FOR THE CITY OF ALEXANDRIA FIRE DEPARTMENT**

PRICE PAGE

Bid price for a **minimum of 3 (three) Electro-Hydraulic Spreaders, 3 (three) Electro Hydraulic Cutters and 6 (six) 12 Volt Chargers**, new and unused, complete unit ready for use, delivered F.O.B., freight pre-paid, as per the bid specifications:

Electro- Hydraulic Spreader Bid Price \$ _____ /per each

Manufacturer's Brand Name: _____ Model No.: _____

Electro-Hydraulic Cutters Bid Price: \$ _____ /per each

Manufacturer's Brand Name: _____ Model No.: _____

12 Volt Chargers Bid Price: \$ _____ /per each

Manufacturer's Brand Name: _____ Model No.: _____

****Bid prices shall be held firm for a period of _____ from bid award date.**

Bidder Information:

Company Name: _____

Address: _____

City/State/Zip: _____

Telephone #: (_____) _____ Fax #: (_____) _____

E-Mail Address: _____

Authorized Printed Name and Title: _____

Authorized Signature: _____

(Per LA R.S. 38:2212(A)(c)(i) - See General Conditions Item #22, Page 4 of these bid specifications.)