

**BOARD of TRUSTEES, Warwick Public Library, Warwick RI
BIDS REQUESTED FOR**

Bid #2021L-07 Elevator Replacement

Specifications are available in the Administrative Office, Warwick Public Library, 600 Sandy Lane, Warwick RI, Monday through Friday, 9:00 AM until 4:00 PM on or after June 3, 2021 on the City of Warwick's website <http://www.warwickri.gov/bids>.

Sealed bids will be received in the Administrative Office, Warwick Public Library, 600 Sandy Lane, Warwick, RI 02889 until **10:00 AM on July 8, 2021**. The bids will be opened publicly commencing at **10:00 AM** on the same day in the Administrative Office, Warwick Public Library.

Awards shall be made on the basis of the lowest evaluated or responsive bid price as per our specifications. The Board of Trustees of the Warwick Public Library is not obligated to accept the lowest bid and reserves the right to reject any and all bids or amend the scope of the project. Please note that no bids can be accepted via email or fax.

Individuals requesting interpreter services for the hearing impaired must notify the Warwick Public Library at 401-921-9759 at least 48 hours in advance of the bid opening date.

Warwick Public Library

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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 noncompliance the Library 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 Library or City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the Library, 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 (2) originals in a sealed envelope. The exterior of the envelope shall be plainly marked to include: Your Company Name and "Bid #2021L-07 Elevator Replacement". 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 shall be accepted via fax or email.

All questions pertaining to these specifications should be referred to Jana Stevenson, Director, Warwick Public Library, 600 Sandy Lane, Warwick RI 02889, 401-921-9759.

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

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

The successful bidder must provide the Warwick Public Library with an **original** certificate of insurance for General Liability in a minimum **amount of \$1 million** naming the **City of Warwick as the additional insured** and so stated on the certificate with the bid name and bid number.

The successful bidder must furnish a labor and material bond, and a performance bond in the amount of 100% of the cost of the project within ten (10) calendar days after notification of award or the Library reserves the right to rescind said award.

Failure to provide adequate insurance coverage within the specified duration of time as set forth is a materials breach of contract and grounds for termination of the contract.

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

The successful bidder must comply with all Rhode Island Laws, applicable to 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. Prevailing Wages will apply to this bid. Current rates may be viewed at <http://www.wdol.gov/dba.aspx#0>.

The IRS Form W-9 must be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

Prices to be held firm through December 30, 2022.

The Library 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.

Awards shall be made on the basis of the lowest evaluated or responsive bid price.

The Board of Trustees of the Warwick Public Library is not obligated to accept the lowest bid and reserves the right to reject any and all bids or amend the scope of the project.

The Library reserves the right to terminate the contract or any part of the contract in the best interests of the Library, upon 30-day notice to the contractor. The Library shall incur no liability for materials or services not yet ordered if it terminates in the best interests of the Library. If the Library terminates in the interests of the Library after an order for materials or services has been placed, the contractor shall 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.

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 Library, shall be the sole responsibility of and shall be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondent's bid or response, and if the respondent fails or refuses to satisfy fully all of the respondent's obligations there under, the Warwick Public Library shall be entitled to recover from the respondent any losses, damages or costs incurred by the Library as a result of such failure or refusal.

The Library 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 Public Library
Bid #2021L-07 Elevator Replacement

I. Project description

The Board of Trustees of the Warwick Public Library invites bids for a full replacement and environmental remediation of the elevator currently located in the building.

II. Background

The elevator is a 1970's vintage Otis hydraulic elevator with relay logic controls and utilizes a dry pump unit. It has been determined to have an underground hydraulic leak in the jack cylinder and is currently out of service. The current relay logic system and operating fixtures are not up to current ANSI code specifications and require integration to the building's Fire Alarm system, among other applications. The entire jack assembly must be remediated as well as a full replacement of the control system.

III. Specific services sought

1. Spoils Removal and Furnish and Install In-ground Jack

- a. Secure the elevator in the overhead and release the piston from the elevator platen plate.
- b. Remove hydraulic fluid from the hydraulic system and store in approved 55-gallon drums for removal by environmental company
- c. Remove cement "cap" around hydraulic cylinder head with a hammer drill.
- d. Breakdown the existing hydraulic system removing the piston, necessary piping, and cylinder (via twin 50-ton jacks)
- e. Clean the hydraulic cylinder well hole and have all spoils properly disposed by a licensed environmental service company.
- f. Install schedule 40 rigid PVC Liner
- g. Insert one new code approved brand "double bottom" hydraulic cylinder and piston. This system utilizes a sealed PVC liner to cylinder system, which virtually eliminates leakage into liner and permits liquid evacuation.
- h. Replace the exposed hydraulic piping as necessary
- i. Install a new code approved hydraulic rupture valve
- j. Refill the piping system and jack with hydraulic fluid. Add up to 100 gallons' new fluid.

Spoils removal: A licensed environmental company that specializes in elevator spoils removal will remove the spoils. The bidding company will contract with and manage the environmental company from start to finish. **The cost of the removal should be included in the bid.**

2. Control System Replacement

1. Existing Basic Specifications on elevator 91176:
 - a. Capacity: 1500 lbs.
 - b. Speed: 75 fpm
 - c. # of hall landings: 3 – *1 Main Landing
 - d. # of car openings: 3 Front
 - e. # of car openings: 1
 - f. Design: Hydraulic

2. Controller: Furnish and Install a new variable frequency variable voltage micro logic non-proprietary microprocessor controller with the following features:

- a. UL Labeled
- b. On board diagnostics
- c. Simplex selective collective operation
- d. Fire Fighter's Service Phase II provisions. Fire Hat to be added to current system.
- e. New car top selector system
- f. Complete set of wiring diagrams
- g. NEMA 1 enclosure
- h. Soft start system

3. New hydraulic equipment

- a. New hydraulic power unit: Power unit with tank, motor, control valve, muffler and shut off valve.
- b. New hydraulic rupture valve
- c. New pit shut off.
- d. Hydraulic oil: Up to 50 gallons of new hydraulic oil per power unit manufacturer recommendation. Old oil to be properly disposed by licensed environmental service company.

4. Car Rollers: Install new car rollers.

5. Door Operator: Install new door operator.

6. Car Doors: Retain

7. Car Door Equipment:

- a. Track assemblies: Retain.
- b. Rollers: Replace
- c. Gate switches: Replace contacts.
- d. Door restrictor: Install new.
- e. Clutch assembly: Replace.
- f. Gibs: Replace.
- g. Sills: Retain

8. Door Protection Device: New electronic infrared door re-opening device

9. Hoistway Entrances: Retain

10. Hoistway Doors: Retain

11. Hoistway Door Equipment:

- a. Closers: Replace
- b. Interlock assemblies: Replace contacts.
- c. Clutch roller assemblies: Replace.
- d. Door track assemblies: Retain.
- e. Door rollers: Replace.
- f. Gibs: Replace.

12. Controller communications: Furnish and install new.

- a. Travel cable to suit application with:
 - i. 10% spares
 - ii. Coaxial cable for elevator video provision
 - iii. Twisted shielded pair for audio communication.
- b. Hoistway wiring to suit application with 10% spares.
- c. Duct: Replace as necessary
- d. Hoistway mechanical switches to suit application.
- e. Landing system to relay accurate hoistway positioning to control system.

f. Duct: New wireway as necessary

13. Fixtures:

- a. COP: Car operating panel that will contain:
 - i. Floor call buttons with printed numbers on each
 - ii. Digital position indicator
 - iii. Fire service phase II features to code
 - iv. Door open
 - v. Door Close
 - vi. Emergency and alarm buttons
 - vii. Fan switch
 - viii. Light switch
- b. Car lantern to indicate up and down movement of the elevator.
- c. Surface mount hall fixtures that include:
 - i. Digital position indicator on 1 landing
 - ii. Up and down buttons
 - iii. Fire service phase I Key switch
 - iv. Fire service engraved instructions
 - v. Fire service jewel
 - vi. Hoistway Jamb Braille

14. Car equipment:

- a. Car top fan: Replace cartop fan.
- b. Guide Rollers: Furnish and install new guide rollers or sliding shoes as installed.
- c. Car top Inspection: Replace. When activated, allows the mechanic to run the car at inspection mode speeds?

15. Pit and machine room equipment:

- a. Pit: Furnish and install new jack packing
- b. Pit: As needed, Furnish, and install new stop switch, light, light switch and GFI outlet
- c. Machine room: Furnish and change all outlets to GFI

16. Cab enclosure upgrades: Please see options below.

17. Cleaning and painting:

- a. Machine room: Clean and paint the machine room floor and equipment.
- b. Hoistway: Perform hoistway clean down.
- c. Pit: Clean pit and paint pit equipment as necessary

18. Test:

- a. Adjust unit.
- b. Pre-test
- c. Perform acceptance test.

General Information

CODES: All work will be performed in accordance with the latest revised edition of the Rhode Island Regulations, American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks (ANSI A17.1), ANSI A117.1 Barrier Free Code as pertaining to Passenger Elevators, the Americans with Disabilities Act (ADA), the National Electrical Code, and/or such Local elevator codes as may be applicable.

PERMITS, TAXES AND LICENSES: All applicable sales and use taxes, permit fees and licenses, as of the date bids are taken, will be paid for by Atlantic Elevator South Co., Inc.

WIRING DIAGRAMS: Two (2) complete sets of "made final" wiring diagrams including input and output signals will be furnished to the Owner.

KEYS: Two (2) keys for each key switch specified will be furnished to the Owner.

Unless otherwise agreed, it is understood that the work will be performed during regular working hours of the trades involved. If overtime is mutually agreed upon, an additional charge at our usual rates for such work shall be added to the contract price.

Removal of existing equipment is the responsibility of the company and shall become the exclusive property of company.

IV. Site Visit

Respondents to this request may attend a site visit on **June 17, 2021 at 9:00am**. Contact: Jana Stevenson, Library Director, 401-921-9759 for more information.

V. Selection process

All bids must be received at the Library in the office of the Director by until **10:00 AM on July 8, 2021**. The bids will be opened publicly commencing at **10:00 AM** on the same day in the Administrative Office, Warwick Public Library.

Awards shall be made on the basis of the lowest evaluated or responsive bid price. The Board of Trustees of the Warwick Public Library is not obligated to accept the lowest bid and reserves the right to reject any and all bids or amend the scope of the project.

Bid evaluations will consider costs, qualifications and experience of the respondent.

VI. Bid requirements

All bids must include a completed bid form.

BID FORM

**BOARD of TRUSTEES
Warwick Public Library
Bid #2021L-07 Elevator Replacement**

CONTRACTOR'S NAME: _____

CONTRACTOR'S ADDRESS: _____

PHONE: _____ FAX: _____

Itemized Cost: List all work specified or required for the completion of the project. May include, but not limited to materials, equipment rental, shipping costs, labor, subcontractor fees, and required permits and testing.

TOTAL: \$ _____

Warranty: _____

Timeline: _____

Terms of Payment: _____

Authorized signature: _____

Printed Name: _____ Date: _____