

Twin Cities Area Transportation Authority
275 Wall Street
Benton Harbor, MI 40022

Date: June 4, 2018
Bid No.: TCATA-6-261
Bid Submission Due: June 26, 2018
Time Bid Submission Due By: 5:00 PM EST

PLEASE DIRECT ANY QUESTIONS REGARDING THIS BID TO: Alex Little

TEL. NO: (269) 927-2268

YOU MAY:
EMAIL YOUR BID TO
tcata.alex@comcast.net FAX YOUR BID
TO: 269 927-2310
MAIL YOUR BID TO: Alex Little, Exec. Director, 275 Wall Street, Benton Harbor, MI 49022

BID INVITATION FOR: AUTOMOTIVE LIFT

Unless specifically amended or deleted by the Twin Cities Area Transportation Authority (TCATA) of Benton Harbor, MI, the following General Terms and Conditions apply to this Bid and any resulting Purchase Order or Contract.

GENERAL CONDITIONS AND INSTRUCTIONS:

NATURE OF, AND ELIGIBILITY TO RESPOND. This bid invitation is submitted and the rules promulgated thereunder, and constitutes a firm and binding offer. A bid may not be withdrawn unless permission is obtained from the **Twin Cities Area Transportation Authority (TCATA)**

Bids may be issued only by the TCATA and are not transferable.

DEMONSTRATIONS. When demonstrations are required they must be submitted and performed free of costs.

Items left for demonstration or evaluation purposes shall be delivered and installed free of charge and shall be removed at no cost to the TCATA. Demonstration units shall not be offered to the TCATA as new equipment.

Bids. Bids must be received at the **Twin Cities Area Transportation Authority (TCATA)** before the date and time specified for the opening. Bids must be submitted on this bid form or exact copies and must be typed or clearly printed in ink. Corrections must be initialed. Bids are to be made less Federal Excise Tax and no charge for handling unless required by law.

Bids will be made available to the public after the time of award. Bid results will be given by mail only if requested in writing and accompanied by a self-addressed, stamped business size envelope.

SPECIFICATIONS. Vendors must submit on items as specified. Proposed changes must be submitted in writing and received at the **Twin Cities Area Transportation Authority (TCATA)** at least five (5) working days prior to the bid opening. Vendors shall be notified in writing if any changes to the specifications are made.

AWARD. The award will be made to the responsible Vendor submitting a conforming RFP meeting specifications at the lowest cost unless other criteria are noted in the RFP. Unless otherwise noted, the award may be made by individual items.

If there is a discrepancy between the unit price and the extension, the unit price will prevail.

When identical low bids are received the award will be made by TCATA based on the overall assessment of the bid.

Discounts will not be considered in making award but may be offered on the Invoice for earlier payment and will be applicable on the date of completion of delivery or receipt of Invoice, whichever is later. On orders specifying split deliveries, discounts will apply on the basis of each delivery or receipt of Invoice, whichever is later.

PATENT INFRINGEMENT. Any responding vendor who has reason to believe that any other responding vendor will violate a patent should such responding vendor be awarded the contract shall set forth in writing, prior to the date and time of opening, the grounds for his belief and a detailed description of the patent.

ASSIGNMENT PROVISION. The responding vendor hereby agrees to assign all causes of action that it may acquire under the antitrust laws of Michigan and the United States as the result of conspiracies, combinations, or contracts in restraint of trade which materially affect the price of goods or services obtained by the state under this contract if so requested by the State of Michigan.

FEDERAL FUNDS. The **Twin Cities Area Transportation Authority (TCATA)** shall assure the continuation or granting of federal funds or other assistance not otherwise provided for by law by following the Federal Procurement Standards.

TCATA's OPTIONS: The **Twin Cities Area Transportation Authority (TCATA)** reserves the right to reject or accept all or any part of any bid, to determine what constitutes a conforming bid, to award the bid solely as it deems to be in the best interest of TCATA and to waive irregularities that it considers not material to the bid.

PUBLIC INFORMATION: The responding vendor hereby acknowledges that all information relating to this bid and any resulting order (Including but not limited to fees, contracts, agreements and prices) are subject to these laws of the State of Michigan regarding public information.

PERSONAL LIABILITY: The responding vendor agrees that in the preparation of this bid or the execution of any resulting contract or order, representatives of **Twin Cities Area Transportation Authority (TCATA)** shall incur no liability of any kind.

PROOF OF COMPLIANCE. The responding vendor may be required to supply proof of compliance with proposal specifications. When requested, the responding vendor must immediately supply the **Twin Cities Area Transportation Authority (TCATA)** with certified test results or certificates of compliance. Where none are available, the TCATA may require independent laboratory testing. All costs for such testing certified test results or certificate of compliance shall be the responsibility of the responding vendor.

FORM OF CONTRACT. The terms and conditions set forth in any additional Terms and Conditions by the **Twin Cities Area Transportation Authority (TCATA)** are part of the bid and will apply to any contract awarded the responding vendor unless specific exceptions are taken and accepted and will prevail over any contrary provisions in Terms and Conditions submitted by the responding vendor.

OFFER. The undersigned hereby offers to sell to **Twin Cities Area Transportation Authority (TCATA)** the commodities or services indicated in the following page(s) of this Bid at the price(s) quoted in complete accordance with all conditions of this Bid.

Company Name: _____

Address: _____

Tel.:(local) _____ **Fax#:** _____

Authorized Signature: _____

(TYPE OR PRINT NAME)

This document must be signed by a person who is authorized to legally obligate the responding vendor. A signature on this document indicates that all State of Michigan, Federal Transportation Administration (FTA), and **Twin Cities Area Transportation Authority** terms and conditions are accepted by the responding vendor and that any and all other terms and conditions submitted by the responding vendor are null and void, even if such terms and conditions have terminology to the contrary. The responding vendor shall also be subject to TCATA terms and conditions as stated.

CONTRACT TERMS AND CONDITIONS

1. The Twin Cities Area Transportation Authority (TCATA), engages the firm or individual ("the Vendor") to perform the services and/or sale of goods, described in the attached TCATA documents, if any, and the Vendor's bid or quotation, both of which are incorporated herein by reference.

2. COMPLIANCE BY VENDOR WITH LAWS AND REGULATIONS. In connection with the performance of this agreement, the Vendor shall comply with all statutes, laws, regulations, and orders of federal, state, county or municipal authorities which shall impose any obligation or duty upon the Vendor, including, but not limited to civil rights and equal opportunity laws.

3. TERM. The contract, and all obligations of the parties thereunder, shall become effective on a specified date and shall be completed in their entirety prior to a specified date. Any work undertaken by the Vendor prior to the effective date shall be at his sole risk and, in the event that the contract shall not become effective, the TCATA shall be under no obligation to reimburse the Vendor for any such work.

4. CONTRACT PRICE. The contract price, a payment schedule and a maximum limitation of price shall be as specified by the bid invitation and the Vendor's bid. All payments shall be conditioned upon receipt and approval by the TCATA, of appropriate vouchers and upon satisfactory performance by the Vendor, as determined by TCATA. The payment by TCATA of the Contract Price shall constitute complete reimbursement to the Vendor for all expenses of any nature incurred by the Vendor in the performance by the Vendor and complete payment for the Services. **Twin Cities Area Transportation Authority (TCATA)** shall have no other liability to the Vendor.

5. DELIVERY. If the vendor fails to furnish items and/or services in accordance with all requirements, including delivery, the TCATA may re-purchase similar items from any other source without competitive bidding, and the original vendor may be liable to TCATA for any excess costs.

If a vendor is unable to complete delivery by the date specified, he must contact TCATA. However, TCATA is not required to accept a delay to the original delivery date. All deliveries are subject to inspection and receiving procedure rules as established by TCATA. Deliveries are not considered accepted until compliance with these rules has been established. TCATA personnel signatures on shipping documents shall signify only the receipt of shipments.

All deliveries shall be FOB Destination.

6. INVOICING. All invoices must show Order Number, Unit and Extension Prices and discounts allowed. A separate invoice shall be submitted for each order. Unless otherwise noted on the invitation to bid or purchase order, payment will not be due until thirty (30) days after all services have been completed, or all items have been delivered, inspected and accepted or the invoice has been received at the agency business office, whichever is later.

7. PERSONNEL.

7.1. The Vendor shall disclose in writing the names of all owners (5% or more), directors, officers, employees, agents or subcontractors who are also officials or employees of the State of Michigan or TCATA. Any change in this information shall be reported in writing within fifteen (15) days of their occurrence.

7.2. The person signing this agreement on behalf of the TCATA, or his or her designee ("Contracting Officer") shall be the TCATA's representative for purposes of this agreement. In the event of any dispute concerning the interpretation of this agreement, the Contracting Officer's decision shall be final.

8. EVENT OF DEFAULT; REMEDIES.

8.1. Any one or more of the following acts or omissions of the Vendor shall constitute an event of default hereunder ("Events of Default"):

8.1.1. failure to deliver the goods or services satisfactorily or on schedule; or

8.1.2. failure to submit any report required hereunder; or

8.1.3. failure to perform any of the other covenants and conditions of this agreement.

8.2.2. give the Vendor a written notice specifying the Event of Default and suspending all payments to be made under this agreement and ordering that the portion of the Contract Price, which would otherwise accrue to the Vendor during the period from the date of such notice until such time as TCATA determines that the Vendor has cured the Event of Default, shall never be paid to the Vendor; and

8.2.3. set off against any other obligation TCATA may owe to the Vendor any damages the TCATA suffers by reason of any Event of Default; and

8.2.4. treat the agreement as breached and pursue any of its remedies at law or in equity, or both.

9. WAIVER OF BREACH. No failure by TCATA to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event, or any subsequent Event. No express failure of any Event of Default shall be deemed a waiver of any provision hereof. No such failure or waiver shall be deemed a waiver of the right of the TCATA to enforce each and all of the provisions hereof upon any further or other default on the part of the Vendor.

10. VENDOR'S RELATION TO TCATA. In the performance of this agreement the Vendor is in all respects an independent contractor, and is neither an agent nor an employee of TCATA. Neither the Vendor nor any of its officers, employees, agents or members shall have authority to bind TCATA nor are they entitled to any of the benefits, workmen's compensation or emoluments provided by the TCATA to its employees.

11. ASSIGNMENT AND SUBCONTRACTS. The Vendor shall not assign, or otherwise transfer any interest in this agreement without the prior written consent of TCATA. No work required by this contract shall be subcontracted without the prior written consent of the TCATA.

12. INDEMNIFICATION. The contractor shall defend, indemnify and hold harmless the TCATA, its officers and employees, from and against any and all losses suffered by the TCATA, its officers and employees, and any and all claims, liabilities or penalties asserted against the TCATA, its officers and employees, by or on behalf of any person, on account of, based on, resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Vendor. This covenant shall survive the termination of this agreement.

12.1 PATENT PROTECTION. The seller agrees to indemnify and defend TCATA from all claims and losses resulting from alleged and actual patent infringements and further agrees to hold TCATA harmless from any liability arising under the Uniform Commercial Code.

13. TOXIC SUBSTANCES. In compliance with the law known as the Workers Right to Know Act, the vendor shall provide Material Safety Data Sheets with the delivery of any and all products covered by said law.

14. NOTICE. Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given below.

15. AMENDMENT. This agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto.

16. CONSTRUCTION OF AGREEMENT AND TERMS. This agreement shall be construed in accordance with the laws of the State of Michigan, and is binding upon and inures to the benefit of the parties and their respective successors and assigns.

8.2. Upon the occurrence of any Event of Default, the TCATA may take any one, or more, or all,

of the following actions:

8.2.1. give the Vendor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely remedied, terminate this agreement, effective two (2) days after giving the Vendor notice of termination; and

17. ADDITIONAL PROVISIONS. The additional provisions (if any) have been set forth as Exhibit "A" hereto.

18. ENTIRE AGREEMENT. This agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understandings relating hereto.

BID INVITATION FOR:
AUTOMOTIVE LIFT(S)

INSTRUCTIONS TO BIDDER:

Read the entire bid invitation prior to filling it out. Complete the pricing information in the “Offer” section (the unit price is the price for the unit of purchase required by this bid invitation {i.e. each, case, box, etc.}) and all other required information on your offer. The extension is the unit price multiplied by the quantity required by this bid invitation. Also complete the “Bidder Contact Information” section. Finally, complete the company information on the “General Conditions and Instructions” page of this bid invitation, then sign the bid in the space provided on that page.

BID SUBMITAL:

All bids must be submitted on this form or an exact copy, must be typed or clearly printed in ink and must be received on or before the date and time specified on page 1 of this bid. Interested parties may submit a bid to the Twin Cities Area Transportation Authority, 275 Wall Street, Benton Harbor, MI 49022 by email to tcata.alex@comcast.net or if needed, may fax to (269)927-2310. All bids must be clearly marked with bid number, date due and purchasing agent’s name.

The Twin Cities Area Transportation Authority (TCATA) is not responsible for proposals not received due to equipment failure, mail delays, etc. If you want to ensure your proposal was received please verify by calling Veronica Bragg at (269) 927-2268.

GOVERNING TERMS AND CONDITIONS:

A responding bid that has been completed and signed by your representative will constitute your company’s acceptance of all Twin Cities Area Transportation Authority (TCATA) terms and conditions and will legally obligate your company to these terms and conditions.

A signed response further signifies that any terms and/or conditions that may be or have been submitted by the bidder are specifically null and void and are not a part of this bid invitation or any awarded purchase order, even if said terms and/or conditions contain language to the contrary.

PUBLIC DISCLOSURE:

Any information contained in the bid that a vendor considers confidential must be clearly designated. Marking of the entire bid or entire section of the bid (e.g. pricing) as confidential will neither be accepted nor honored. Notwithstanding any provision of this bid to the contrary, vendor pricing will be subject to public disclosure upon the effective date of all resulting contracts or purchase orders.

Generally, each bid shall become public information upon the effective date of all resulting contracts or purchase orders; however, to the extent consistent with applicable state and federal law and regulations, as determined by the State, including, but not limited to, (Right to Know Law), Twin Cities Area Transportation Authority (TCATA) shall endeavor to maintain the confidentiality of portions of the bid that is clearly and properly marked confidential. If a request is made to TCATA to view portions of a bid that a vendor has properly and clearly marked as confidential, TCATA will notify vendor of the request and of the date that TCATA plans to release the records. By submitting a bid, vendors agree that unless the vendor obtains a court order, at its sole expense, enjoining the release of the requested information, TCATA may release the requested information on the date specified in the TCATA’s notice without liability to the vendors.

PURPOSE:

The purpose of this bid invitation is to establish contract in the form of a purchase order for supplying Twin Cities Area Transportation Authority (TCATA) with the item(s) indicated in the “Offer” section of this bid invitation, in accordance with the requirements of this bid invitation and any resulting order. This will be a one-time order with delivery required to the location indicated in the section of this bid invitation.

VENDOR CERTIFICATIONS:

All bidders must be duly registered as a vendor authorized to conduct business in the State of Michigan.

- The winning bidder must have a completed alternate W-9 on file with the Twin Cities Area Transportation Authority (TCATA). If the winning bidder does not have a completed alternate W-9 on file, they will be required to completely fill the alternate W-9 and return to TCATA before a purchase order will be issued.

BID INQUIRIES:

Any questions must be submitted by an individual authorized to commit their organization to the Terms and Conditions of this bid. Submissions must clearly identify the Bid Number, the Vendor's name and address and the name of the person submitting the question.

SPECIFICATION COMPLIANCE:

The manufacturers and/or models indicated are representative of the type and quality required. You may bid different makes and models, however, your offer must be materially similar to the ones indicated. The Twin Cities Area Transportation Authority shall be the sole determining factor of what is materially similar to the required items.

If there are any specifications indicated in this bid invitation, they will be considered the minimum requirements. Bidder's offer must meet or exceed these minimum requirements. The Twin Cities Area Transportation Authority shall be the sole determining factor of what meets or exceeds any specification.

Unless otherwise specified by the Twin Cities Area Transportation Authority in this bid invitation document, all equipment offered by the bidder must be new; shall not be used, rebuilt, refurbished; shall not have been used as demonstration equipment, and shall not have been placed anywhere for evaluation purposes.

CHANGES:

Any requested changes to this bid invitation by the bidder must be received in writing at Twin Cities Area Transportation Authority no later than 5 PM on the second Twin Cities Area Transportation Authority business day after the date of the bidders conference.

ADDENDUM:

In the event it becomes necessary to add or revise any part of this bid prior to the scheduled submittal date, TCATA will post on our website (MyWayThere.com) any addenda and attempt to send known bidders a notice by email. Before your submission, always check the site for any addenda or other materials that may have been issued affecting the bid. The website address is www.mywaythere.com

BID PRICES:

Bid prices must be in US dollars and must include delivery and all other costs required by this bid invitation. Bid prices should result in prices that are no higher than those charged to the bidder's best/preferred customer. Special charges, surcharges, or fuel charges of any kind (by whatever name) may not be added on at any time. Any and all charges **must be built into your bid price** at the time of the bid.

WARRANTY REQUIREMENTS:

Successful bidder shall be required to warranty all of the equipment awarded to him for a period of not less than the manufacturer's standard period of time, from the date the items are received, inspected and accepted by Twin Cities Area Transportation Authority. The warranty shall cover 100% of all parts, shipping, labor, travel, lodging and expenses.

BID AWARD:

The award of the bid will be based upon the total net low bid from the listing of the items indicated in the "Offer" section of this bid invitation. If an award is made it will be in total, in the form of a Twin Cities Area Transportation Authority Purchase Order.

If upon the award of any bid of multiple items (awarded by line item) it is determined that an order for any particular item would be \$500.00 or less, and said item would be the only item on a purchase order, TCATA reserves the right to award that item to a bidder already receiving an award for multiple items.

BID RESULTS:

Bid results may be viewed when available, once the award has been made, on our web site only at: www.mywaythere.com. For

Vendors wishing to attend the bid opening: **Only the names of the Vendors submitting responses will be made public.**

TERMINATION:

The Twin Cities Area Transportation Authority shall have the right to terminate the purchase contract at any time by giving the successful bidder a thirty (30) day written notice.

F.O.B. :

The F.O.B. shall be destination to the following delivery point:

Twin Cities Area Transportation
Authority
275 E. Wall Street
Benton Harbor, MI 49022

REQUISITION NO.:

RETURNED GOODS:

The successful bidder must resolve all order and invoice discrepancies within five business days from notification. Products returned due to quality issues, duplicate shipments, over-shipments, etc. must be picked up by the successful bidder within five business days of notification with no restocking or freight charges, and must be replaced with specified products or the agency will be refunded/credited for the full purchase price. Unauthorized substitutions for any products are not allowed.

Standard stock products ordered in error by the Twin Cities Area Transportation Authority must be returned for full credit within fifteen days of receipt. Products must be in re-saleable condition (original container, unused) and there will be no restocking fee charged for these products. TCATA will be responsible for any freight charges to return these items to the successful bidder.

OFFER:

Successful bidder hereby offers to sell the required items to the Twin Cities Area Transportation Authority at the following price(s):

SPECIFICATIONS FOR VENDOR TO SUPPLY, DELIVER, AND INSTALL ONE (1), NEW, CURRENT MODEL, HEAVY DUTY TWO POST TRACK TYPE VEHICLE LIFT, WITH 25' TRACKS OR APPROVED EQUIVALENT.

1.0 SCOPE

- a. This specification sets forth Twin Cities Area Transportation Authority requirements for the purchase of heavy duty above ground runway style track lift to permit lifting heavy vehicles. The maximum rated capacity of the lift shall be 25,000 pounds. Installation of this equipment shall require no in-ground posts, pits or special foundations. Above ground parallelogram, in-ground or scissor type lifts are not acceptable.
- b. The vehicle lift will be installed at Twin Cities Area Transportation Authority at 275 E. Wall Street, Benton Harbor, MI 49022.
- c. Equipment shall be new and furnished with all specified materials for installation when delivered. Used or reconditioned equipment will not be accepted.
- d. Equipment shall comply with all applicable Federal, State, and local regulations and meet OSHA, UL, and NEC safety standards.
 - a. The vendor shall submit drawings of overall dimension, and utility requirements of the equipment within twenty (20) days after receipt of a purchase order.
 - b. Manufacturer shall be a firm regularly engaged in the design, and manufacturing of the type of equipment specified herein for a minimum of five (5) years. Equipment being offered shall be a current production model that has been in field operation for a minimum period of five (5) years.
 - c. All material thickness and structural dimensions are minimums. dimensional tolerances, unless noted, are as follows: ± 0.25 inch for dimensions less than 10 inches; ± 1.0 inch for dimensions 10 inches to 5 feet inclusive; ± 3.0 inch for dimensions greater than 5 feet.
 - d. The intended purpose of this lift is for under vehicle service of all TCATA's vehicles weighing up to 25,000 lbs.

e. EQUIPMENT

- f. Complete assembly shall consist of an electro-hydraulic lift, a power unit, and any accessories as specified herein.
- g. Lifting Capacity: 12.5 tons (25,000 lbs.) minimum.
- h. Lifting Height: The lift shall be capable of lifting the rated load to a height 69 1/4 inches (minimum), measured from floor level to bottom of tires.
- i. Lifting unit shall permit lifting of vehicle to any height up to the full amount specified herein. The lift shall incorporate multi-position mechanical locks at all posts at between 8 to 10 inch locking intervals through the full length of travel.
- j. Lifting/ Lowering Speed: 30 inches per minute, minimum.
- k. Each track shall be constructed of two (2) 4" to 6" wide by 8" to 10" inch high parallel "P" beams welded together and covered with diamond plate for added traction and durability.
- l. Each track shall have a wheel stop constructed of 0.375 inch by 6" high (minimum) steel angle mounted to the rear of the track to prevent a vehicle from rolling off the rear of the lift when raised.
- m. Ramp chocks shall automatically swing into position as the lift is raised and automatically recede when lowered.
- n. Wheel chocks shall not reduce the effective length of lifting tracks by more than 8 inches
- o. Chocks shall be securely bolted to track to prevent casual removal by shop personnel.
- p. Manually positioned wheel chocks will also be provided.
- q. Track Dimensions
 - a) Track Length: 322 inches, minimum. (includes length of I-beams and end connection plates)
 - b) Track Width: 24 inches, minimum.
 - c) Spacing outside tracks: 96 inches, minimum.
 - d) Overall Lift Width: 150 1/4 inches, minimum.
 - e) Overall Lift Length: 387 1/4 inches, minimum; (including front ramps).
 - f) Retracted height of tracks: 9 1/4 inches above finished floor.
 - g) Distance between runways: 48 inches (4 ft.), minimum.

h) Drive-On Ramps: 2 ramps located at front of lift.

2.1 Ramp Dimensions:

- a) Width: 24 inches
- b) Height: 9 1/4 inches
- c) Incline: shall be less than 10 degrees.

2.2 Drive-on ramps shall be constructed of 1/4 inch thick steel diamond floor plate supported by (3) 3/8 inch thick steel support plate ribs, braced by 4" x 4" steel angles.

2.3 Drive-on ramps shall be bolted to track end and be allowed to pivot on end of track as it is raised. Overlapping end of ramp shall act as an automatic wheel stop that engages upon lift ascent.

2.4 Ramps shall be equipped with articulating tips which come to a maximum of 1/2" tall from floor surface, assisting in driving low profile vehicles up and onto ramp.

2.5 Non-skid Surfaces: The tracks and approach ramps shall be covered with steel diamond floor plate providing a skid-resistant surface.

2.6 Cross rails supporting tracks shall consist of 5 inch x 7 inch x 3/8 inch thick wall structural steel rectangular tubing.

2.7 Each post shall consist of a 7 gauge thick, sheet steel formed leg welded onto a 1/2 inch thick steel base plate measuring 11 3/4 inch square. Post shall have (6) 1/2" thick x 2" high steel rung plates, evenly spaced in length of formed leg, to act as mechanical lock supports.

2.8 Synchronization between main side and offside posts shall be accomplished through use of twin opposing leaf chains (BL-646 leaf chain) which are 1 5/8 thick or approved equivalent.

2.9 Synchronization between front and rear posts shall be accomplished through use of twin opposing leaf chains (leaf chain) or approved equivalent.

2.10 Lifting System

a) The lift will be powered by a single lifting cylinder located on a top rail mounted on top of one pair of side posts. Top rail shall be reversible to driver or passenger side.

b) Cylinder will be 5 1/2 inch diameter and power (pull) an enclosed 1 1/2 inch diameter chrome-plated rod attached to the cylinder chain block.

- c) Cylinder chain block shall be fabricated with 1 7/8 thick steel plate join the cylinder rod to the (4) four main lift chain connectors.
- d) To maintain absolute level of chrome rod, a sealed roller bearing shall be attached to chain block to roll on the top rail and keep rod level.
- e) Top rail supporting cylinder shall be of 6" x 10" x 1/4 wall structural steel tubing, bolted on top of one pair of side posts.

2.11 Safety System

- a) Each safety lock shall consist of twin 1/2 inch thick plates at each post. Safeties will rest upon lock racks consisting of 1/2 inch thick, 2 inch high steel rung plates welded to the inside length of the formed leg.
- b) The locking mechanism shall be manually released at track near power unit (via safety cables) and gravity engaging towards the locked position.

2.12 2.24.2 1 Single point air lock release system. Pneumatic cylinders at each lock

- a) The locks shall disengage when the lock release handle is pressed. At all other times the locks remain in the engaged position.
- b) The safety locks shall always be engaged when the lock release handle is not depressed.

2.13 Electric Motor

- a) 208-230 VAC, 1 phase, 60 Hz, Totally Enclosed Fan Cooled (TEFC), 2.5 HP of U.S. manufacture.

2.14 Control System

- a) The lift controls shall consist of a "Raise" push button located on the power unit, a lowering handle located on the power unit, and a manual lock release handle located on the track near the power unit.
- b) The power unit shall consist of the following:
 - Electric Motor with switch
 - Steel oil reservoir (plastic reservoirs not acceptable)
 - Suction strainer
 - Hydraulic gear pump submerged in reservoir
 - Electric motor
 - Hydraulic manifold valving

2.15 Hose assemblies shall be furnished for interconnecting hydraulics between the power unit and the main lifting cylinder.

2.16 Signage

- a) All controls, warnings, and instructional information shall be oil resistant, laminated, or engraved in plastic. Metal serial tag shall be riveted into place.
- b) Characters to contrast with background color. Colors shall be resistant to fading from all sources, including, but not limited to sunlight, dirt, extreme temperatures, age, ozone, diesel fuel hydraulic fluid, and common cleansers.
- c) Paint
- d) Entire lift shall be painted manufacturer's standard color(s).
- e) For safety purposes, moving sections of lift (runways and crossbeams) shall be painted OSHA safety yellow.
- f) All surfaces shall be free of grit, contaminants, or other substances that would prevent proper adhesion.
- g) All surfaces shall be painted with two coats minimum of lead-free acrylic enamel paint in accordance with paint manufacturer's instructions.

3.0 HYDRAULIC SYSTEM

3.1 Oil reservoir shall be sized for capacity of system, made of 0.084 thick sheet steel (minimum) pickled & oiled and shall be easily accessible.

3.2 Hydraulic cylinder shall have a velocity fuse integrally mounted to prevent collapse in the event of a fluid leak.

3.3 Cylinder Specifications:

- a) Barrel Outside Diameter: 5.50 inch
- b) Barrel Inside Diameter: 5.00 inch
- c) Rod (Chrome Plated) Diameter: 1.50 inch
- d) Cylinder Stroke: 60 inch

- 3.4 All hydraulic hoses shall be of steel reinforced construction, with a burst rating of 13,500 PSIG (minimum) and have standard JIC fittings throughout. Hydraulic tubing is to consist of seamless stainless steel with a minimum outside diameter of 3/8 inch.
- 3.5 The lift shall be driven by a hydraulic gear pump of US manufacturer, capable of supplying the appropriate pressure and flow to operate the lift.
- 3.6 Hydraulic oil and filter shall require replacement under normal use no more frequently than once a year.

4.0 OPTIONAL EQUIPMENT TO BE INCLUDED

4.1 Track Lighting

- 4.1.1 The lift shall be furnished with six (6) 40 watt dual pin, 48 inch long (minimum) cool white fluorescent lighting fixtures. Lights shall be evenly spaced along the length of each track to illuminate the inner area of the lift and the vehicle undercarriage.
- 4.1.2 One (1) coiled cable of 12/3 Type SOW cable (rated 25 Amps) shall be supplied to connect incoming power supply to moving tracks.
- 4.1.3 Light fixtures shall incorporate guards to prevent breakage of bulbs and also shield the operator in the event of the bulb breakage.
- 4.1.4 The lighting system shall be self-contained and require its own 120 VAC power supply. A limit switch shall be provided to prevent power to the system when the lifting tracks are below 18 inches from floor level to top of track.

4.2 RJ-15 Electric-Hydraulic Jacking Beams

- 4.2.1 Maximum Capacity per beam:
RJ-15 -15,000 lbs.
- 4.2.2 The jacking beam weldment shall be constructed of two (2) 3" x 5" x 3/8" wall parallel ASTM A-500 grade B structural rectangular steel tubes welded onto a 3/8" thick x 11 3/4" wide x 50" long ASTM A-36 steel bottom plate. End Sections are enclosed by 3/8" thick ASTM A-36 steel plates to trap ends of platform in flanges of tracks. One (1) 1/4" thick x 42" wide ASTM A-36 steel flat handle provided for pushing and pulling platform along inside length of tracks. Mounting plates provided for mounting valving and power unit.

- 4.2.3 Wheel assemblies: Wheels constructed of AISI C-1045 Chrome rod and rimmed to capture flat rails that run along inside of each track. Axles made of 3/4" diameter ASTM A-311 class B steel round stock. Axles designed to carry load of jack beam when empty and flex when loaded, thus transferring load of jack beam on inner flanges of tracks to secure/hold jacking beam in place. Adjustment of wheel centers made by adjusting set screws in axle retaining sleeves.
- 4.2.4 The power unit shall consist of a Motor, Pump and Reservoir.
 - 4.2.4.1 Motor: 2 HP, 1800 rpm, 115/230 VAC, 13.4/6.7 FLA, 60 Hz, single phase, continuous duty, Insulation class B, 48C frame, permanently lubricated ball bearings, UL recognized and CSA approved.
 - 4.2.4.2 Pump: 0.8 gpm @2000 psi@ 1800 rpm
 - 4.2.4.3 Reservoir: 7" x 10" x 10" steel rectangular tank (3 gallon).
- 4.2.5 Valving: (1) Directional control valve, 2 spool tandem valve, spring centered, rated 3000 psi, with (2) handle assemblies for separate control of each jacking cylinder.
- 4.2.6 Two (2) Jacking Cylinders: Each consisting of (!) 4 1/8" OD x 3 5/8" ID ASTM A-513-5 honed steel cylinder barrel and (!) 2 5/8" diameter CF-1045 steel cylinder rod. Cylinder bases consist of a 3/8" thick x 5" x 7 1/2" ASTM A-36 steel plate. Exposed rod ends have machined holes to accept standard lifting pads and special axle lifting pads. Stroke of each jack cylinder equals approx. 6".
 - 4.2.6.1 Each hydraulic cylinder shall have a velocity fuse integrally mounted to prevent collapse in the event of a fluid leak.
- 4.2.7 Two (2) standard lifting pads and two (2) axle/yoke lifting pads supplied with each jacking beam. Jacking beam also supplied with (2) 3" long and (2) 6" long stackable truck adapters.
- 4.2.8 Hydraulic Tubing: 3/8" OD seamless stainless steel hydraulic tubing assemblies, rated 14,000 psig minimum burst pressure, flared at each end to accept #6 ORB male fittings. Four (4) Hydraulic Hose assemblies: Parker brand type SAE-I 00R2, 1/4" ID, Rated 20,000 psig minimum burst pressure, oil, weather and abrasion resistant, each end with #6 JIC female swivel fittings.
- 4.2.9 Wiring: Power lead conductor, 14/3 Type SOW-A/SO, water and oil-resistant, rated 18 Amp, 600 V, UL listed, CSA approved, OSHA acceptable. Plug, 2 pole, 3-wire grounding, 15 Amp, 125 V, NEMA 5-15.

4.2.10 Dimensions: Designed for standard 48" dimension inside of tracks.
 Approximate beam dimensions: 13 3/8" high x 25" deep x 51" long.

NOTES

- (A) TWIN CITIES AREA TRANSPORTATION AUTHORITY(TCATA) IS A MICHIGAN GOVERNMENTAL AUTHORITY AND IS EXEMPT FROM MI STATE SALES TAX.
- (B) VENDOR MUST CITE ANY EXCEPTIONS TO TCATA SPECIFICATIONS ON SEPARATE ATTACHED COMPANY LETTERHEAD, DATED, REFERENCING THE TCATA BID NUMBER AND SPECIFIC BID ITEM NUMBER, WITH AN AUTHORIZED COMPANY SIGNATURE AS WELL AS TYPED NAME & TITLE OF SIGNATORY.
- (C) VENDOR'S PRICE, ONE TOTAL PRICE, TO INCLUDE ALL DELIVERY, SETUP, INSTALLATION, MATERIAL AND LABOR CHARGES. BID PRICE MUST BE ONE TOTAL PRICE THAT INCLUDES ALL CHARGES.
- (D) PREBID MEETING WILL BE HELD ON JUNE 14, 2018 AT 10:30 AM, IN THE CONFERENCE ROOM AT TCATA LOCATED AT 275 E. WALL STREET, BENTON HARBOR, MI 49022.
- (E) QUESTIONS REGARDING BID SPECIFICATIONS CAN BE EMAILED TO ALEX LITTLE, EXECUTIVE DIRECTOR AT Tcata.alex@comcast.net BY NO LATER THAN 5 P.M. JUNE 20, 2018.
- (F) THE DEADLINE FOR RECEIPT OF BIDS WILL BE 5 P.M., JUNE 26, 2018 AND BID OPENING TO OCCUR AT 10 AM ON WEDNESDAY JUNE 27, 2018.
- (G) TCATA WILL MAKE ONE BID AWARD TO THE RESPONSIVE AND RESPONSIBLE BIDDER, WHERE BID IS THE LOWEST EVALUATED BID.
- (H) SUCCESSFUL BIDDER MUST DELIVER AND INSTALL THE LIFT AND REMOVE THE OLD ONE WITHIN THIRTY DAYS OF DATE OF AWARD.
- (I) ***EACH BIDDER MUST SUBMIT AN ORIGINAL AND ONE (1) COPY OF THEIR BID PROPOSAL TO BE AVAILABLE FOR PUBLIC INSPECTION UPON THE OPENING OF THE BIDS.***

<u>QTY</u>	<u>UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>EXTENSION</u>
1	EA	ASYMMETRIC LIFT: <ul style="list-style-type: none"> • 2 Post Electric Lift ALI Certified • Prefer telescoping multi-stage swing Arm System and slider 		

MAKE: _____

MODEL: _____

ITEM #: _____

Please enclose product literature and specifications of your substitution

DELIVERED PRICES

\$ _____ \$ _____

1 EA INSTALLATION:

- Must Install Above 1 (one) Asymmetric Lift(s) In Their Designated Spots
- Must Install the On Lift Air and Electric Utility with Integrated Lubricator Regulators
- All Supplies and Hardware are to be Supplied by Vendor
- The Lift Must be Tested and In Working Condition

\$ _____

2 SETS TRUCK ADAPTERS:

- Must Supply for Two Sets of Four (4) for the Above Specified Lifts.
- These Must Work With the Lifts that You Bid Above
- Extended Height Ford Truck Adapters 9" to 10"

MAKE: _____

MODEL: _____

ITEM #: _____

Please enclose product literature and specifications of your substitution

\$ _____ \$ _____

OFFER CONTINUED:

Successful bidder hereby offers to sell the required items to the Twin Cities Area Transportation Authority at the following price(s):

DELIVERED PRICES

DISCOUNT: If there is a Federal or State discount, please apply

Any and all charges **must be built into your bid price** at the time of the bid. Bid is FOB Destination.

BID TOTAL: \$ _____

**1 EA TRADE IN VALUE OF 1 (ONE) OLDER
FOUR POST LIFT:**

- Age: Unsure
- Model: Unsure
- Capacity: Unsure
- Condition: Fair
- In Working Order
- Vendor Must Remove the Lift

\$ _____

Specifications listed above are representative of the type and quality required. Your bid submission must be materially similar to the specifications indicated. Twin Cities Area Transportation Authority shall be the sole determining factor of what is materially similar to the required items. Equipment is intended to accommodate equipment such as Ford E-450 and E-550 Cutaways.

NOTE: If a vender feels any portion of these specifications are unduly restrictive or conflicts with another section, contact Alex Little by email tcata.alex@comcast.net or identify these concerns at the June 14 Prebid conference for resolution.

NOTE: your bid submission must clearly list all items that are listed as the minimum specifications above. If we cannot match all specifications, if they are not clearly identifiable, then your bid may be disqualified.

BIDDER CONTACT INFORMATION:

The following information is for this office to be able to contact a person knowledgeable of your bid response, and who can answer questions regarding it:

_____	_____	_____
Contact Person	Local Telephone Number	Toll Free Telephone Number
_____	_____	_____
Fax Number	E-mail Address	Company Website

DELIVERY TIME:

Delivery is to be accomplished no later than 30 days ARO from purchase date or manufacturer's minimum lead time, whichever is less. However delivery will be accepted sooner.

PLEASE LIST ESTIMATED DELIVERY AND INSTALLATION DATE AFTER RECEIVING ORDER:

Estimated Delivery Date: _____

Estimated Installation Date: _____

BID RESULTS:

Bid results may be viewed on our web site at: <http://www.mywaythere.org>.

Bid results will be mailed to you if you include a self-addressed envelope with the correct amount of postage on it. Bid results will not be given by telephone.

ATTACHMENTS:

The following attachments are an integral part of this bid invitation:

There are not attachments

Note: To be considered, bid must be signed on front cover sheet in the space provided.