



Department of Public Works

7 Court Street, Room 210

Belmont, NY 14813

Phone: 585-268-9230

Fax: 585-268-9648

NOTICE TO BIDDERS

The Allegany County Department of Public Works will receive sealed bids on December 1, 2021 until 10:00 a.m. At that time, bids will be opened in Room 210, County Office Building, Belmont, New York on the following items:

One (1) New 2022 120 U.S. Ton Telescopic Truck Crane

Specifications and bid forms are available for download at www.alleganyco.com ; click on Government then Public Works Department. They are also available at the Office of the Superintendent of Public Works, 7 Court Street, Room 210, County Office Building, Belmont, New York.

The Allegany County Department of Public Works reserves the right to reject any or all bids and award the bid determined to be in the best interest of the County.

Justin D. Henry
Superintendent

GENERAL TERMS AND CONDITIONS:

1. Objective:

This bid document is published in order to obtain competitive prices for One (1) New 2022 120 U.S. Ton Telescopic Truck Crane.

2. Acquisition of Bid Documents:

- a. Bid documents are available for download at www.alleganyco.com; click on Government then Public Works Department. They are also available at the Office of the Superintendent of Public Works, 7 Court Street, Room 210, Belmont, New York 14813. The office is open Monday – Friday 8:00 a.m. to 4:00 p.m. Telephone number is (585) 268-9230.
- b. Each vendor bears sole responsibility for acquisition of bid documents. Requests for bid documents to be forwarded are neither a guarantee nor an incurred obligation on the part of Allegany County to ensure vendors requested receipt of bid documents, timely or otherwise.
- c. Receipt of these documents, unsolicited or otherwise, shall not be construed a predetermination of a vendor's qualifications to receive a contract award. Nor shall receipt of these documents be interpreted an endorsement that the vendor's equipment, materials, products, and/or services are in compliance with the bid specifications.

3. Examination, Interpretation, Correction of Bid Documents:

Each vendor shall examine all bid documents and judge all matters relating to the adequacy of such documents. Any inquiries, suggestions or requests concerning interpretation, clarification or additional information pertaining to this bid solicitation shall be in writing and submitted to the Public Works Department. The County shall not be responsible for oral interpretations given by any county employee, representative or others. The issuance of written addendum/addenda is the only official method whereby clarification or additional information can be given.

4. Preparation of Bid Documents:

Bids must be submitted on the forms provided in these bid documents and prepared in the following manner:

- a. All forms shall be clearly legible, completed using a permanent medium (i.e. ink, typewriter, laser printer, etc.) Illegible entries may be rejected.
 - i. If submittal of unit price(s) is a requirement, said unit price(s) shall prevail.
 - ii. All mathematical functions (extensions, additions, etc.) are subject to audit.
 - iii. Each price shall be expressed as a numerical dollar value, indicators such as ditto marks, arrows, etc. are not acceptable.

- b. All forms requiring a vendor's signature shall be signed by the vendor or the vendor's authorized representative. Erasures and/or alterations shall be initialed by the representative whose signature appears on the forms.
- c. The vendor shall submit the bid in accordance with the bid documents and shall not make any changes in the wording or the bid forms or make any stipulations or qualify the bid in any manner.
- d. Prices shall be F.O.B. Allegany County Highway, 31 South Branch, Friendship, NY 14739. Price quoted shall include all delivery charges.
- e. All bids shall be firm for a period of forty-five (45) days from the bid opening date; during which time the County shall render its decision.

5. Bid Surety:

None Required

6. Non-Collusive Bidding Clause and Certificate:

The vendor shall submit a signed, dated and notarized Non-Collusive Bidding Certificate with its bid which is included in this bid document. Said certificate is mandated by Section 103-d of the General Municipal Law.

7. Hold Harmless Clause and Form:

The vendor shall submit a signed and dated Hold Harmless Clause Form with its bid, which is included in this bid document.

8. Iranian Energy Sector Divestment Certification:

Vendor hereby represents that said vendor is in compliance with New York State General Municipal Law; Section 103-g entitled "Iranian Energy Sector Divestment." By submission of this bid, each vendor and authorized representative signing on behalf of any vendor certifies, and in case of a joint bid, each party hereto certifies as to its own organization, under penalty of perjury, to the best of their knowledge and belief, that each vendor is not on the list created pursuant to NYS Finance Law Section 165-A (3) (b).

The vendor shall submit a signed, notarized and dated Iranian Energy Sector Divestment Certification, included in this document, with its bid.

Said certificate is mandated by Section 103-g of the General Municipal Law. Reference the Iranian Energy Sector Divestment Certificate Form included in this document.

9. Required Insurance:

None Required

10. Sales Tax Exemption:

The County is exempt from payment of sales and compensating use taxes of the State of New York and cities within the State of New York.

11. Protection from Claim Against or Equal:

In the event of any claim concerning or relating to the issues of equal or better, the vendor agrees to hold the County of Allegany free and harmless from any and all claims, legal fees and court costs for loss or damage arising out of this transaction for any reason whatsoever.

Allegany County provides minimum specifications for the purpose of receiving responses from as many Bidders as possible. The manufacturer, make, exact model and literature shall be submitted with bidder's proposal. The following specifications describe Allegany County's minimum requirements for the quality and type of equipment to be furnished. Bidder may offer equipment which exceeds these requirements. Bidders are encouraged to clarify information or specification deviations on the page titled "Questionnaire for 120 Ton Truck Crane".

Allegany County reserves as its right to reject any or all bids and award the bid determined to be in the best interest of Allegany County

12. Addendum/Addenda:

- a. If an addendum has been issued prior to the County's receipt of bids: Allegany County shall attempt to notify vendor's known to have received the sealed bid documents and whose contact information is on file with the County. Allegany County does not ensure the potential vendors receipt of the addendum. It shall be the responsibility of the vendor, prior to submitting its bid, to contact the Department of Public Works (585) 268-9230, to determine if an addendum has been issued.
- b. Addendum shall be available online at www.alleganyco.com; click on Government then Public Works Department. They are also available at the Office of the Superintendent of Public Works, 7 Court Street, Room 210, Belmont, New York 14813.
- c. It is a requirement that the vendor sign, date and include the addendum with its bid submittal. Failure to do so may result in rejection of bid.

13. Multiple/Alternate Bid Submittal(s):

For those vendor's intending to submit multiple/alternate bids in response to this bid solicitation; the vendor is required to and shall submit, a complete bid document for each bid submitted. Note: If there is a bid surety requirement, one (1) surety instrument written for the highest amount, shall suffice.

14. Submittal of Bid(s):

- a. The bid shall be submitted in a sealed envelope with the following marked on the outside:
 - i. Print your company's name in the upper left corner
 - ii. In the lower left corner print:

**Sealed Bid: December 1, 2021
ONE (1) 2022 NEW 120 U.S. TON TELESCOPIC
TRUCK CRANE**

- b. The envelope shall be addressed to Allegany County DPW, 7 Court Street, Room 210, Belmont, New York 14813.
- c. Bids will be received at the Public Works Department at the time specified, at which time bids will be opened.
- d. Facsimile/electronically transmitted bids are not acceptable and shall be rejected.
- e. Security procedures are in effect at the Allegany County Office Building. Interested parties, especially vendors who intend to hand deliver bids and/or conduct business with Allegany County Department of Public Works should allow sufficient time for any delay which may arise as a result of security procedures. To be considered delivered and on time a bid submittal must be received at the Public Works Department by the appointed hour.
- f. All bid proposal sheets shall remain intact and be submitted with the bid.

15. Late Bids:

Vendors bear the sole responsibility for the delivery of their bid in a timely manner. Reliance upon the U.S. Postal Service or other carriers is at the vendor's risk. Late bids will not be considered and will be returned unopened. Allegany County is not a priority shipping location.

16. Supportive Documentation:

In addition to specifications stated herein, all equipment/ material/ products/ services shall meet or exceed current standards of the industry. All technical tolerances, ratings, power outputs or any technically specified criteria contained within these specifications are considered to be within the current state of the art and are currently being met by commercially available equipment/material /products/services. The fact that a manufacturer chooses not to produce equipment/material/products to meet these specifications shall not be considered sufficient cause to adjourn these specifications as restrictive. Bidder shall offer the equipment, material, products, and/or services which come closest to meeting these specifications. Where deviation(s) from the specifications contained herein is necessary, the bidder

shall note such deviation(s). Bidder shall include supportive documentation that clearly indicates the equipment/material/products/services they bid is equivalent to the specified herein. Failure to detail all such deviations will comprise sufficient grounds for rejection of the entire bid.

17. Compensation:

Payment shall be rendered to the vendor(s) for satisfactory compliance with the general terms and conditions of this bid. Invoice terms shall be net 30 days. The county normally processes invoices for payment bi-monthly, according to a regular established schedule.

18. Right of County to Seek Clarification, Accept or Reject Bid(s), etc:

- a. Allegany County reserves as its right, the right to require clarification from the vendor for the purpose of assuring a full understanding of the vendor's responsiveness to the solicitation requirements.
- b. Allegany County reserves as its right, the right to accept or reject any and all bids (or separable portions thereof), the right to waive irregularities and technicalities, and the right to request resubmittal of bids (re-bid).

19. Civil Rights:

The County of Allegany in accordance with the provisions of Title VI of the Civil Rights Act of 1964 and New York Labor Law; Article 8- Public Works, Section 220e hereby notifies all vendors will affirmatively ensure that any contract awarded as a result of this bid solicitation will be awarded without discrimination on the grounds of race, color, sex or natural origin.

20. Award of Bid:

For the purpose of this bid and subsequent award(s), it is intended that award(s) will be made on a line item basis.

- a. Bids will be awarded to qualified and responsible vendor(s) who sufficiently meet the terms, conditions and specifications stated herein. However, under all circumstances and all statements to the contrary notwithstanding, Allegany County reserves as its right, the right to determine award(s)/awardee(s) in accordance with the best interest of Allegany County.
- b. Award of Bid is not made at the bid opening. All bids are subject to final review and acceptance by the Public Works Committee of the Allegany County Legislature before any award may be made.

21. Executory Clause:

Allegany County shall have no liability under any contract or contracts or to anyone else beyond funds appropriated and available for the purpose of this document and resultant contract(s).

22. Assignability:

The vendor shall not assign, transfer, convey, sub-contract, sublet or otherwise dispose of all or portions of this contract (and/or work to be performed as a result of this contract) or its right, title, or interest to any other person, company, corporation, without prior written consent of the Superintendent of Public Works.

23. Extension of Contract Usage by Political Subdivisions:

Political subdivisions within Allegany County (Towns, Villages, School Districts and Fire Districts), as defined in Section #103 of the General Municipal Law may participate in any contract awarded as a result of this bid document. Additionally, per County Resolution 202-15 this contract may be extended to any municipality or political subdivision within New York State upon written agreement by both parties. Responsibility, financial or otherwise for purchase(s) made by other parties as a result of the extension of this contract, shall not be borne by Allegany County.

24. Vendor's Failure to Comply:

The vendor's failure to comply in compliance with the bid award shall result in withholding of payment. The payment shall be withheld until such times as a vendor fulfils its responsibilities. Compliance shall be determined by and to the satisfaction of Allegany County. Such action would not necessarily preclude further initiatives on the part of Allegany County to protect and preserve its best interest.

25. Cancellation of Contract:

Allegany County reserves as its right the right, to cancel the contract(s) resulting from an award of this bid solicitation at any time during the contract period, without penalty to Allegany County and without stated reason, by delivering a written ten (10) day notice of intent to the vendor(s) or its representative(s). Said notification mailed to the vendor or its representatives via the US Postal Service, First Class Mail shall be considered sufficient and delivered.

26. Manufacturer(s):

The manufacturer shall be a company recognized within the industry as an experienced, reliable, and competent producer of the category of equipment specified herein.

27. Product Information and Literature:

The bid shall include:

- a. A complete description of the proposed equipment; including, but not limited to, the following information: manufacturer, model, year.
- b. Manufacturers' literature and specification sheets; supporting documentation which clearly indicates the proposed equipment is in compliance with bid specifications.
- c. A complete description of all standard equipment features.

28. Delivery:

- a. Delivery Time: **The equipment purchased as a result of an award of this bid solicitation shall be delivered to the specified County site by May 1st, 2022. Bidders shall indicate on their bid submittal their intended delivery date if it shall be later than this requirement.**
- b. Delivery Site: The equipment shall be delivered to Allegany County Highway Shop, 31 South Branch, Friendship, NY 14739.
- c. Delivery Notification: The vendor shall notify the County of its intent to deliver the equipment at least seventy-two (72) hours prior to delivery. Contact Person- A.J. Young (585) 973-3361, or D.J. Freeman (585) 973-3361.
- d. All responsibility, liability and cost associated with the delivery of the equipment shall be borne by the vendor.

29. Warranty:

The bidder shall provide a 12 month standard warranty with an additional 24 month warranty that extends the warranty period to a total of 36 months of major component warranty and submit manufacturer's standard warranty information with its bid. Warranty coverage must be acceptable by Allegany County. Any and all warranty requirements specified herein notwithstanding, the County reserves as its right, the right to negotiate an acceptable warranty with any and all bidders. Said negotiation would transpire after the bid opening but prior to award. Said negotiation would not allow for modification of bid price(s). Further, the County reserves as its right, the right to reject any and all bids where an acceptable warranty cannot be agreed upon.

30. Contact Person:

Questions, concerns, and/or requests for clarification where are specific to the technical requirements stated in this bid document shall be in writing and be directed to:

Thomas Windus
County Engineer
Allegany County DPW
7 Court Street
Belmont, NY 14813
windusth@alleganyco.com

D.J. Freeman
Equipment Supervisor
Allegany County DPW
31 South Branch
Friendship, NY 14739
equisuper12@hotmail.com

SPECIFICATION FOR A NEW/UNUSED 120 U.S.TON TELESCOPIC TRUCK CRANE

General Description: These specifications cover the furnishing and delivery of a diesel engine driven, 120 U.S. ton capacity, on-highway, telescopic crane. The crane shall be capable of traveling at a minimum of 62 mph and can maneuver around off road job sites. The crane shall be completely equipped, ready for operation, and shall comply in all respects with the requirements specified hereunder. Crane offered shall be tested to meet the Society of Automotive Engineers (SAE) structural and stability requirements for cranes. Demonstrative models shall not be accepted.

A. CARRIER

1. **Main Frame:** Main frame shall be all welded double wall construction with gusseting and integral outrigger boxes. Frame and outrigger boxes to be 100,000 PSI (689.5 MPa) high strength steel.
2. **Main Outriggers:** Four (4) hydraulic, dual-stage beams with vertical jack outriggers. Vertical jack cylinders shall be equipped with integral holding valves. The outriggers shall be equipped with removable and stowable, lightweight, high strength, steel pontoons. All outrigger controls and sight level bubbles shall be mounted in operator's cab (upper) and on each side of carrier. The outriggers shall have sufficient strength to provide full stability under all loading conditions, including the ability to raise the crane from ground contact. With outriggers extended and the crane in a level working position, there shall be no dependence upon the hydraulic system for support of any portion of the total weight imposed on the outriggers. The beams shall retract fully within truck crane. Crane shall have capacity charts with the outriggers in fully extended positions plus any combination of a single outrigger in the fully extended, intermediate, or retracted position.
3. **Bumper Outrigger:** One (1) hydraulic, front mounted vertical jack outrigger. Vertical jack cylinder shall be equipped with an integral holding valve. The outrigger shall be equipped with a self-stowing, lightweight, high strength, steel pontoon.
4. **Steering and Axles:** 8x4x4 drive/steer for on/off highway travel. The front axles are to be steered and non-driven. Steering shall be by means of a full integral dual circuit, mechanical over hydraulic system. The rear axles are to be non-steered and driven. The front axles to have a track of 84.80" with 445/65R22.5 tires. The rear axles to have a track of 74.65" with 315/80R22.5 tires. Traction adding devices to be an inter-axle differential lock that locks the rear axles together and a cross axle lock that locks the left and right wheels of axles 3 and 4. The traction device is to be operated by a rocker switch within the carrier cab. Wheelbase of the crane to be no less than 23'-5.5".
5. **Suspension:** Independent air suspension with height adjustment to be provided for both the front and rear axles.

6. **Brakes:** Full air anti-lock (ABS) service disc brakes on all wheels with front and rear systems. Air dryer for moisture prevention in the system. Park/emergency brake to be spring applied, air released chambers on the rear axles to be activated by a push/pull valve located in the carrier cab to release air pressure from the air circuit pumping. Park/emergency brake to automatically apply when air pressure falls below 40 PSI (275.8 kPa) in both systems.
7. **Engine:** The engine shall be a Cummins ISX12 turbo diesel, 400 hp minimum, complete with electric starting system, alternator/voltage regulator, battery, liquid cooling system, lubricating oil filter, and dry type air filter, 120 volt block heater, and 12 volt start/12 volt charging. The engine must meet the EPA2021 on-highway emission requirements. NOTE: All Fluids shall be Cold Temperature Fluids (Lube, oil and antifreeze)
8. **Transmission:** Automated manual shift with twelve (12) forward gears and two (2) reverse gears.
9. **Hydraulic System:** One pump for the steering and engine cooling fan circuits shall be gear- type and shall have priority flow to provide adequate pressure for steering. Two pumps for the load hoist(s), boom hoist, and telescope circuits shall be gear-type and have the capability to be disconnected for highway travel. One pump for the Upper A/C and main outriggers circuits shall be gear-type. Hydraulic oil cooler to be supplied. Reservoir shall be all steel fabrication with internal diffusers for de-aeration. Filter shall be located for easy replacement. Separate control valves shall allow simultaneous operation of crane functions. Steel lines shall be used where possible. All hoses and lines shall be equipped with DIN fittings and hoses on column shall be routed through a flexible covering.
10. **Fuel Tank:** An aluminum fuel tank shall have a minimum 95 gallon capacity. DEF tank shall be plastic with a minimum 10 gallon capacity.
11. **Tires:** The tires supplied shall be of the tire manufacturer's first line grade, be on/off-road profile type, tubeless, and shall have individual rated load carrying capacities equal to the maximum individual tire loadings imposed by the operation. Front tandem axles to consist of 445/65R22.5 tires and rear tandem axles consist of 315/80R22.5 tires.
12. **Lights:** Lights shall be installed on the front of the carrier and be of such intensity as to provide sufficient light for night operation of the crane. The lights shall be the manufacturer's standard sealed beam type and shall be secured in brackets capable of withstanding shock and vibration. The lighting package shall consist of two (2) front dual sealed beam type lights, two (2) front turn indicators, two (2) rear stop/turn indicators, two (2) rear reverse lights, and six (6) side marker/turn indicator lights. The crane shall also be supplied with a boom floodlight package as well as a work light package. These shall include at a minimum; three high intensity flood lights mounted at the front portion of

the boom base section (two adjustable and one remote controlled); one remote controlled flood light mounted to the end of the boom with controller in the operators cab; and four high intensity work lights mounted on top of the operator's cab, the right side of the superstructure facing forward, on the upper work platform, and on the left side of the superstructure facing down. One amber strobe beacon on top of the cab shall be provided.

13. **Reverse Signal Alarm:** The crane shall be equipped with a backup alarm that shall operate automatically when in the reverse gear. The alarm may be continuous or intermittent (not to exceed three (3) second intervals) and shall operate during the entire backup movement.
14. **Carrier Cab:** The cab shall be one-person occupancy, aluminum & fiber composite construction, with acoustical insulation, and mounted on rubber isolation bushings and an air bag. All glass shall be tinted safety glass with windshields being laminated. Left side window to roll down for ventilation. Six-way adjustable, air ride seat shall be provided. Compartments for document storage shall be provided. The cab shall contain an engine dependent, warm-water heater and defroster which shall have a capacity of not less than 22,000 BTU to effectively defrost the windshield and heat the cab. The cab shall also have air conditioning with a capacity of not less than 15,000 BTU to effectively keep the cab cool. Four (4) keys shall be provided with crane.
15. **Controls and Instrumentation:** All transportation functions shall be controlled from the carrier cab. Controls shall be conveniently located and arranged for easy access and operation by the driver when in a seated position and shall not obstruct the driver's view. Either the name of the control or a symbol shall identify the function of all the controls. Controls for: lights, turn signals, hazard flashers, parking brake, inter-axle differential lock, cross axle lock, ride height control, suspension dump valve, transmission shifter, throttle pedal, and service brake pedal. Digital LED display for: speedometer, odometer, trip meter, clock, outside temperature, hour meter, front and rear air gauges, low air pressure warning. Backlit gauge cluster for: tachometer, voltmeter, engine coolant temperature gauge, and fuel gauge with digital DEF level gauge. Other equipment included with the cab should be; clearance lights, windshield washer, 3-point seat belt, dome and courtesy lights, 12V accessory power, electronic log book connection point, power driver's side window, lockable door, automotive type ignition, fire extinguisher, heated and power adjustable side view mirrors with integrated camera on right side, tilting and telescoping steering column, multi- function steering wheel with cruise and compression brake control, adjustable defroster vents, horn, access step, and a wireless rigging remote control with digital inclinometer.
16. **Aluminum Fenders:** Front and rear fenders with slip-resistant surface on top. Fenders should be large enough to allow tire chains to be installed. H.D. rubber mud flaps shall be installed behind both rear tires.
17. **Access:** Four (4) locations shall provide access to the top of the carrier deck

and operator's cab.

18. **Cameras:** Viewing monitor shall be conveniently located and arranged for easy access and operation by the driver in the carrier cab. The monitor should display images on the right side and rear of the carrier.
19. **Lubrication:** Moving parts requiring lubrication shall have means provided for such lubrication and be lubricated prior to delivery. All lubricant receptacles (crankcase, transmission, etc.) and hydraulic systems shall be filled to proper operating level with Cold Temperature Fluids before delivery. The crane shall have all lubricants and fluids identified in the Operator's Manual.

B. UPPERSTRUCTURE

1. **Lifting Capacity:** With maximum counterweight, the rated capacity of the crane shall be: 173,000 lbs. @ 10 ft. radius with a minimum retracted boom, outriggers fully extended, and 360° rotation. At a boom length of 50 ft. and a radius of 40 ft., the lifting capacity shall be a minimum of 47,000 lbs. with one of the boom extend modes (outriggers fully extended: 360° rotation). Crane capacities shall not exceed 85% of the tipping load. A permanent Crane Rating Manual located in the cab near and easily visible to the operator, shall be provided showing rated lifting capacities at various boom radii for various boom lengths, with and without outriggers. Manufacturer's standard ratings shall not be raised, or special ratings developed to meet this specification.
2. **Boom:** The main boom shall be sectional, of formed construction, and fully powered to at least 164 ft. Boom telescope sections shall be supported by Teflon wear shoes both vertically and horizontally to prevent metal-to-metal contact. The boom extend mode from retracted to full extension shall be a maximum of 6.5 minutes.
3. **Boom Nose:** Reinforced hi-strength steel construction. Five (5) non-metallic load bearing sheaves, 16.5" root diameter, and two (2) non-metallic idler sheaves, 16.5" root diameter. Sheaves shall be smooth and free of surface defects, which could damage the rope. Removable rope guards for easy reeving and rope dead ends shall be provided on each side of the boom nose. The boom nose shall have provisions for wind speed indication. Boom shall be supplied with a single 16.5" root diameter Auxiliary Lifting Sheave that has easily removable wire rope guards and does not affect use of the main head sheaves.
4. **Boom Elevation:** One double acting cylinder with integral holding valve shall be provided for controlling boom elevation from -3° to 80°. The boom hoist up mode (10° – 70°) shall be a minimum speed of 75 seconds.
5. **Swing:** A bi-directional hydraulic swing motor shall provide for 360° continuous smooth rotation at 1.9rpm. A one-position swing lock shall be capable of positively locking the superstructure in the "over the front" position

for highway travel. An additional one-position swing lock shall be capable of positively locking the superstructure in the "over the rear" position for counterweight installation/removal and over the rear lifts. The swing brake shall be foot-activated for precise control and shall be capable of locking the superstructure in any 360° location.

6. **Operator's Cab:** The cab shall be fully enclosed and have the capabilities to tilt up to 20 degrees. It shall be fabricated from e-coated steel and shall have sufficient windows and doors to permit a minimum of 180° visibility for the operator. All glass shall be tinted safety glass held in place by rubber channels for easy replacement. Windshield wiper/washer for front and top window glass shall be provided. The right side and back windows shall open for ventilation. Cab doors shall be adequately restrained from accidentally opening or closing while traveling or operating the crane and shall be capable of being locked in a closed position when desired. The cab shall contain a diesel-fired, warm water heater and defroster that shall have sufficient capacity to effectively defrost the windshield and heat the cab. The cab shall also have air conditioning integral with the cab heating system utilizing the same ventilation outlets. An adjustable operator's seat shall be provided and shall be located for maximum unobstructed visibility of the work area by the operator without leaving the seat and within easy reach of the joystick controllers and pedals. The cab shall be isolated from vibration by rubber mounts. The cab shall also be supplied with an external RCL light bar that visually informs the ground crew when crane is approaching maximum load capacity with a series of green, yellow, and red lights.
7. **Controls:** All crane functions shall be controlled by two dual axis electronic joystick controllers and foot pedals necessary for efficient operation. The joystick controllers and pedals shall be conveniently located and arranged for easy access and operation by the operator, when in a seated position, and they shall not obstruct the operator's view of work. All operating controls shall be identified, either by the name of the control or a symbol. Controls shall also have arrows or appropriate markings showing the direction of movement for operation. Hand-operated controllers shall be provided for swing, load hoist(s), and boom elevation. Foot operated controls shall be provided for swing brake, boom telescope, and engine throttle. Other cab controls shall include heater controls, outrigger sequence controls and sight level bubble, electric windshield wiper, electric horn, lights, and engine start/stop.
8. **Upper Cab Display:** Touch screen LCD display shall include hydraulic oil temperature, fuel level, water temperature, transmission temperature, and tachometer. Boom angle indicator, load radius, boom length, available capacity, capacity on hook, and wind speed shall be located such that the values are plainly visible from the operator's seat.
9. **Cameras:** Viewing monitor shall be conveniently located and arranged for easy access and operation by the operator in the operator's cab. The monitor should display images on the right side when swinging the upper structure and

operation of the load hoist systems.

10. **Lights:** Lights shall be installed on the operator's cab and shall always face the direction of the boom and be of such intensity as to provide sufficient light for night operation of the crane. The lights shall be the manufacturer's standard sealed LED-type and shall be secured in brackets capable of withstanding shock and vibration. The lighting package shall consist of two (2) LED-type lights.
11. **Counterweight:** The counterweights are to be a modular design and shall be removable by means of hydraulic system. The removal system to be controlled by the left hand control lever within the operators cab. Crane shall have the capacity to carry the standard counterweights on the carrier. Counterweights shall be mechanically secured to the upper structure when in operation. Crane shall be supplied with a total counterweight combination of 49,100 lbs or the total counterweight design for the crane being offered.
12. **Access:** Single ladder leading to a work platform with guard railing shall be provided to gain access to the load hoist systems.
13. **Load Hoist System:** The hoist shall be equipped with a piston type, two (2) speed hydraulic motor and automatic brake; power up/power down mode of operation. The hoist shall be driven through a planetary reduction unit for positive operator control under all load conditions. Maximum permissible single line pull shall be not less than 24,140lbs and the maximum line speed shall be not less than 393 F.P.M. on 15" diameter grooved drum. The auxiliary winch shall be sized equal to the main winch for equal line speeds and pulls. Drum rotation indicators to be included as well as a color display visual and audible warning when the wire rope is on the bottom layer and when the wire rope is down to the last three wraps.
14. **Wire Rope:** The wire rope shall be 19 mm (3/4") diameter (37x7 class), filler wire, preformed, independent wire rope core, extra improved plow steel, right lang lay. Crane shall be supplied with a main winch spooled with a minimum 730' of wire rope and an auxiliary winch spooled with a minimum 600' of wire rope.
15. **Hook Blocks and Balls:** Crane shall be supplied with the following:
 - * (1) 60-ton 3 sheave quick-reeve hook block with safety latch
 - * (1) 27-ton 1 sheave quick-reeve hook block with safety latch
 - * (1) 10-ton swivel hook ball with safety latch.
16. **Treatment and Painting:** All parts of the crane normally painted in good commercial practice shall be cleaned, treated, pre-painted, and oven baked prior to assembly, in accordance with manufacturer's standard practice and color. All defects shall be corrected prior to delivery.
17. **Servicing:** Upon delivery, the equipment shall be serviced by the Seller for

satisfactory operation. Servicing shall include greasing and oiling, filling of oil reservoirs to proper levels, removal of unnecessary shipping tags and instructions, and other necessary and suitable servicing required for normal operation. Document provided upon delivery.

18. **Testing:** Upon delivery, the Seller shall perform such operational tests as may be required to fully demonstrate to the satisfaction of the Contracting Officer that the crane will perform the functions which are specified in these specifications. All equipment failing to perform the operational function indicated properly will be rejected.
19. **Technical Publications and Drawings:** Two (2) written copies of an Operator's Manual, two (2) written copies of a Parts Manual for all parts of the crane and carrier, and two (2) written copies of the Maintenance/Repair Manual shall be provided.

C. MISCELLANEOUS ITEMS TO BE SUPPLIED WITH CRANE

1. (1) Model SD20 Dampener, new never been used, direct from the supplier.
2. (6) 48" round x 2" thick DICA outrigger pads.
3. Crane and chassis shall have a 3yr/ 3000 hour bumper to bumper warranty from date of accepted delivery.
4. The successful bidder shall provide a minimum of eight (8) hours of operational training for six (6) employee operators and eight (8) hours of maintenance training for four (4) mechanics/operators on site at buyer's facility in Friendship, NY.
5. (5) years' worth of annual OSHA inspections to be performed at buyer's facility in Friendship, NY.
6. Vendor Maintenance Service:
 - a. The bidder shall have certified service technicians available with fully outfitted trucks to provide service for the crane supplied within 3 hours of travel to buyer's facility in Friendship, NY.

**QUESTIONNAIRE
FOR
120 TON TRUCK CRANE**

1. Make _____ Model _____
 Manufacturer _____

2. **Lift Capacity:** attach Load Chart for Crane and Boom offered.

On Outriggers - 360 Degrees

Imperial Units		
Boom Length	Radius	Capacity
38.3 ft	9 ft	
50 ft	40 ft	
60 ft	12 ft	
85 ft	15 ft	

3. **Boom:** length extended _____ retracted _____

Number of sections _____

Number of power extendable sections _____

Can boom be power extended under full load? _____

Boom elevation _____ degrees to _____
 _____ degrees

4. **Load Hoist:** Make _____ Model _____

Drum Capacity _____ feet of _____ (Size) Wire Rope

Maximum permissible bare drum line pull _____

Maximum full drum line speed _____

Maximum number of line parts that can be used with equipment furnished

Diameter, construction class, and length of load line wire rope to be

furnished _____

Breaking strength of the wire rope _____

Auxiliary Hoist: Make _____ Model _____

Drum Capacity _____ feet of _____ (Size) Wire Rope

Maximum permissible bare drum line pull _____

Maximum full drum line speed _____

Maximum number of line parts that can be used with equipment furnished

Diameter, construction class, and length of load line wire rope to be

furnished _____

Breaking strength of the wire rope _____

5. Carrier:

Engine: Make _____ Model _____

Transmissions: Make _____ Model _____

Forward Gears: _____ Reverse Gears _____

8x4 Drive (Yes or No) _____

Drive Axles: Make _____ Model _____

· Axle Mfg.'s rated capacity _____

Max Speed _____

Max Gradeability _____

Front Tire - Size _____ Rear Tire - Size _____

Wheel Type _____

Lights furnished (list) _____

6. **Weights and Dimensions** in Travel Configuration:

Dimensions are per definitions of SAE J1234:

Height _____ Width _____

Length Incl. Boom _____ Chassis only _____

Wheel Base _____

Vehicle Turn Diameter (Wall to Wall) (Per SAE J695b)

Gross Weight _____

· Front Tandems Weight _____

· Rear Tandems Weight _____

7. **Outriggers** - Overall Width Fully Extended _____

Is there a mechanical or hydraulic safety lock? _____

Size and material _____

8. **Hydraulic Filter** - Make _____ Model _____

9. **Testing** - Is the crane tested and verified in accordance with:

· SAE J1063 (Yes or No) _____

· SAE J765 (Yes or No) _____

10. **Other**

11. **Guaranteed Date of Delivery** _____

Submitted by _____

Title _____

Proposal

THE UNDERSIGNED PROPOSES TO PROVIDE SAID PRODUCT required by the County of Allegany as set forth in the enclosed bid. The successful bidder shall be obligated to furnish said product at the price set forth in this bid. The successful bidder shall be the person or Corporation submitting the lowest bid meeting all specifications.

WHERE A DEFINITE BRAND IS SPECIFIED, IT IS NOT THE INTENTION OF THE COUNTY TO DISCRIMINATE AGAINST ANY "APPROVED EQUAL", BUT IS INTENDED THAT A DEFINITE QUALITY LEVEL BE ESTABLISHED. THE DETERMINATION AS TO WHETHER AN ALTERNATE PRODUCT IS OR IS NOT EQUAL SHALL BE MADE BY THE COUNTY.

Sufficient information must be submitted with your bid to allow Allegany County to determine if the product is acceptable and meets the needs of Allegany County. Final determination shall be made by the County.

Company Name:

Address:

Signature:

Printed/Typed Name:

Title of Signature:

Telephone Number: _____

Fax Number: _____

Email: _____

Allegany County
Department of Public Works
ONE (1) NEW 2022 120 U.S. TON TELESCOPIC TRUCK CRANE

Total Bid Price: \$ _____

Company Name: _____

HOLD HARMLESS CLAUSE

The agent shall at all times defend, indemnify and hold harmless the County of Allegany and its employees from any and all claims, damages or judgments or for the defense or payment thereof, based on any claim, action or cause of action whatsoever, including any action for libel, slander or personal injury, or any affiliated claims, by reason of any act or failure to properly act on the part of Agent and in particular as may arise from the performance under this contract. Such obligation to the County shall not be construed to negate, abridge or reduce other rights of indemnity which would otherwise exist. This provision shall supersede any other provision in this Agreement deemed to be in conflict, unless specifically stated otherwise. In the event of an injury by the subcontractor or its employees, they shall cause notice to be served upon the County within twenty-four (24) hours of any such injury.

PLEASE PRINT OR TYPE:

Company Name: _____

Company Address: _____

Name: _____ Title: _____

Signature: _____ Date: _____

Telephone No: _____ Fax No: _____

Federal Employee ID# _____

Bid Name: _____

IRANIAN ENERGY SECTOR DIVESTMENT

1. Contractor/proposer hereby represents that said contractor/proposer is in compliance with New York State General Municipal Law Section 103-g entitled "Iranian Energy Sector Divestment", in that said contractor/proposer has not
 - a. Provided goods or services of \$20 million or more in the energy sector of Iran including but not limited to the provision of oil or liquefied natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquefied natural gas for the energy sector of Iran; or
 - b. Acted as a financial institution and extended \$20 million or more in credit to another person for forty-five (45) days or more, if that person's intent was to use the credit to provide goods or services in the energy sector in Iran.
2. Any contractor/proposer who has undertaken any of the above and it identified on a list created pursuant to Section 165-a (3) (b) of the New York State Finance Law as a person engaging in investment activities in Iran, shall not be deemed a responsible bidder pursuant to Section 103 of the New York State General Municipal Law.
3. Except as otherwise specifically provided herein, every contractor/proposer submitting a bid/proposal in response to this request for bids/request for proposals must certify and affirm the following under penalties of perjury:
 - a. "By submission of this bid, each bidder and each person signing on behalf of any bidder certifies and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief, that each bidder is not on the list created pursuant to NYS Finance Law Section 165-a (3) (b)."

Allegany County will accept this statement electronically in accordance with the provisions of Section 103 of the General Municipal Law.
4. Except as otherwise specifically provided herein, any bid/proposal that is submitted without having complied with subdivision (a) above, shall not be considered for award. In any case where the bidder/proposer shall so state and shall furnish with the bid a signed statement setting forth in detail the reasons therefore. The County reserves its rights in accordance with General Municipal Law Section 103-g to award the bid/proposal to any bidder/proposer who cannot make the certification, on a case-by-case basis under the following circumstances:
 - a. The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012 and the bidder/proposer has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or
 - b. The County of Allegany has made a determination that the goods or services are necessary for the County to perform its functions and that, absent such an exemption, the County of Allegany would be unable to obtain the goods or

services for which the bid/proposal is offered. Such determination shall be made by the County in writing and shall be a public document.

Signature

Title

Company Name

Date

State of New York)
County of Allegany) ss:

On the _____ day of _____ in the year _____ before me, the undersigned, personally appeared _____, personally known to me or proved to me on the basis on satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his /her/their capacity (ies) and that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual (s) acted, executed as instrument.

Notary Public

NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and

3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit, a bid for the purpose of restricting competition.

Name of Bidder

Signature of Bidder

Date

Subscribed and sworn to before me
This ____ day of _____, 20__

Notary Public

Note: If bidder is a corporation, the corporate name and title of officer signing must be stated.