

COUNTY OF MONMOUTH
STATE OF NEW JERSEY

FURNISH AND DELIVER ONE (1) CMC 92HD ARBOR PRO TRACK DRIVEN AERIAL PLATFORM LIFT AND ASSOCIATED EQUIPMENT FOR THE MONMOUTH COUNTY SHADE TREE DIVISION F-101-2021

INCLUDES:

NOTICE TO BIDDERS
GENERAL CONDITIONS
EEO LANGUAGE
EEO QUESTIONNAIRE
BUSINESS REGISTRATION REQUIREMENTS
STATEMENT OF OWNERSHIP
IRAN DISCLOSURE FORM
AMERICANS WITH DISABILITIES ACT

NON-COLLUSION AFFIDAVIT
ADDENDUM ACKNOWLEDGEMENT
BID DOCUMENT CHECKLIST
REQUEST FOR BID
ADDITIONAL SPECIFICATIONS (if any)
SIGNATURE PAGE
ANTI-DISCRIMINATION IN EMPLOYMENT

AUTHORIZED: January 6, 2022

ADVERTISED: January 13, 2022

THOMAS A. ARNONE
DIRECTOR OF THE BOARD OF COUNTY COMMISSIONERS

MARION MASNICK
CLERK OF THE BOARD

TERI O'CONNOR
COUNTY ADMINISTRATOR

HELEN P. FIORE
DIRECTOR OF PURCHASING

NAME OF BIDDER: Mason Creek Ltd.

ADDRESS: 2501 Durham Rd.
Bristol, Pa 19007

Phone: 201-364-1722 Fax: 266-644-2581

PLEASE INCLUDE ONE (1) UNBOUND ORIGINAL BID WITH SIGNATURE(S) AND TWO COPIES

REQUEST FOR BID

--- This Is Not An Order ---



Monmouth County Purchasing
Hall of Records, 3rd Floor
1 East Main Street
Freehold, NJ 07728
(732) 431-7370 Fax (732) 431-7379

Contact: Rebecca Szabo
732-431-7370 x7381

FURNISH AND DELIVER ONE (1) CMC 92HD ARBOR PRO TRACK DRIVEN AERIAL PLATFORM LIFT AND ASSOCIATED EQUIPMENT FOR THE MONMOUTH COUNTY SHADE TREE DIVISION

RFB must be received no later than: January 26, 2022 10:30AM

For Delivery to: Public Works & Engineering, Public Works Complex
250 Center Street, Freehold, NJ 07728

Delivery Date: PLEASE SPECIFY DELIVERY DATE

ITEM#	DESCRIPTION	QUANTITY/UNIT	UNIT PRICE	TOTAL PRICE
1	FURNISH AND DELIVER ONE (1) CMC 92HD ARBOR PRO TRACK DRIVEN AERIAL PLATFORM LIFT AND ASSOCIATED EQUIPMENT OR EQUIVALENT FOR THE MONMOUTH COUNTY SHADE TREE DIVISION	1 LS	\$169.972	Options Freight. \$192,284.
			TOTAL:	\$192,284.00

SEE ATTACHED SPECIFICATIONS

Track Driven Aerial Platform Specifications
Reference CMC 92HD+ Arbor Pro or Approved Equivalent

Aerial:

- 92 ft Working height
- Up to 46 ft lateral reach
- Double telescopic lower boom
- Triple telescopic upper boom
- 90° Independently articulating jib
- 180° Basket rotation (+/- 90° each way)
- 400° non-continuous boom rotation
- Wired control panel in basket with 2 joysticks with single handed capability, for all functions including booms, outriggers, track drive, automatic leveling, speed controls, and home function. Joysticks eliminate the need for a separate Deadman Switch.

Exceptions: NONE

Outriggers:

- Automatic outrigger self-leveling
- Multi-position outriggers in wide/narrow footprints
- Four (4) specially designed sliding outrigger pads
- Heavy-duty outrigger piston protective covers

Exceptions: NONE

Chassis:

- Wireless remote control with color screen for all functions including booms, outriggers, track drive, automatic leveling, speed controls, and home function.
- Cable to connect wireless remote in case of a problem with the wireless system
- Radio remote control storage box and built-in battery charger for radio remote lithium batteries
- Remote connection kit (All Access can connect to machine remotely if unsecured Wi-Fi is shared with machine)
- Two (2) lithium batteries and built-in charger for radio remote control
- Travel alarm
- Warning light

Exceptions: NONE

Tracks:

- Black rubber tracks (set)
- Vertically and horizontally hydraulically adjustable tracks
- Ability to raise basket & jib up out of the way while driving the tracks

Exceptions: NONE

Baskets:

- Removable two-man aluminum basket with rounded outer corners for better use. Size is 55" long x 27.5" wide x 43.3" high
- Removable single man 24" x 24" fiberglass basket and liner equipped with basket quick connect bracket and vinyl fiberglass bucket cover with tether

Exceptions: NONE

Power:

- Kubota Model D902 or an approved equivalent diesel engine
- 24V Battery backup electric pump (intermittently use the 24V battery to operate all functions)
- Biodegradable hydraulic fluid (non-toxic, natural fluid. For extreme cold or sensitive locations)
- Auxiliary 120V 20A plug in electric motor with charger for 12V battery.

This is not a battery system. With this system, you can plug the machine in and use it on 100% AC electric power.

This is in addition to the combustion engine

Exceptions: NONE

Platform Station:

- Hydraulic Tool Outlet in basket 8-10 Gal/Min @1,500 Psi with long reach pole chainsaw
- High pressure air/water hoses routed internally from the ground to the basket - 2900PSI
- 120V Double 15A GFCI Electric outlet in basket internally cabled through the booms

Exceptions: NONE OTHER THAN HYDRAULIC CHAIN SAW IS NOT AVAILABLE FROM MADDEN OR CME.

Other:

- Ratchet straps Total of eight (8)
- Two (2) fall arrest aerial lift harnesses and lanyard kit including storage bag
- Specialty built aluminum trailer for transport of unit.

Exceptions: NONE

Performance:

Maximum working height	92'
Maximum side reach at 507 lbs.	38'
Maximum side reach at 176 lbs.	46'
Maximum weight load with standard basket	507 lbs.
Maximum weight load with optional single man fiberglass basket	350 lbs.
Moveable Jib articulating range	90°
Turret rotation range	+/-400°
Basket rotation range	+/- 90°
Maximum slope to stabilize (deployment)	19° (34%)
Height / Width tracks adjustment	7"
Maximum slope approach angle / slope	13° (24%)
Gradeability -- max. travel angle / slope*	19° (34%)
Gradeability -- max. travel cross hill	19° (34%)
Maximum crawler travel speed**	3 mph
*This is the standard setting. The standard setting can be overridden to	31° (60.1%)
**3 speeds: Slow, Slow with Torque, Fast	
Exceptions: <u>NONE</u>	

Dimensions:

Basket height (basket is removable, variations available)	43"
Basket width	27"
Basket length	48"
Total length	22' 4"
Length without basket	20'
Height in transport position	78"
Total width (without basket)	35"
Free height from the ground	15"
Tracks (L x W)	70" x 10"
Outrigger spread length in narrow position	21' 5"

Outrigger spread width in narrow position	8' 5"
Outrigger spread length in wide position	16' 10"
Outrigger spread width in wide position	14' 4"
Outrigger foot diameter	9 1/2"
Exceptions: <u>NONE</u>	

Weight:

Total weight	9,200 lbs.
Maximum outrigger foot pressure	75.1 lb./1n2
Maximum track pressure	3.41 lb./1n2
Maximum pressure in travel	146.85 lb./ft2
Maximum pressure in work (wide outrigger setup)	26.22 lb./ft
Maximum pressure in work (narrow outrigger setup)	39.12 lb./ft2
Maximum pressure in work (one side wide, one side narrow)	31.54 lb./ft2
Exceptions: <u>NONE</u>	

Safety:

- ANSI (TUV) and CSA certified
- Meets & exceeds OSHA safety requirements
- Emergency stop button, in reach of operator at all times
- Lock valves on all hydraulic cylinders
- Waterproof safety switches
- Redundant safety monitoring systems
- Basket weight sensor & overload alarm: meets & exceeds new OSHA requirement
- Lateral reach monitor and alarm for when maximum has been reached
- Easy to use self-diagnostic LED display
- Automatic chassis self-leveling
- Automatic boom park
- 12V Emergency let-down system

Exceptions: NONE

**COUNTY OF MONMOUTH
SPECIFICATIONS
Track Driven Aerial Platform**

Intent:

It is the intent of this specification to describe and govern the purchase of a Track Driven Aerial Platform. The complete unit shall be 2021 Model Year or newer and of the latest design and be in current production at the time of the submission of the bid. No bid shall be considered unless the vendor submitting the bid can meet the conditions described in the specifications. The referenced model is for example only to depict minimum requirements for the type of equipment described by the County of Monmouth. All standard and optional equipment shall be Original Equipment Manufacturer's items, when available.

NO EXCEPTIONS

General:

The successful bidder shall make available the complete unit for inspection and acceptance by the County of Monmouth. The unit inspection shall take place at the Division of Fleet Services, Freehold, New Jersey. During the fabrication period of the unit, the County of Monmouth reserves the right to make interval inspections, as it deems necessary. The unit shall be fully operational and calibrated in all modes prior to releasing any approval for payment. A prefabrication meeting shall be scheduled by the County of Monmouth after receipt of purchase order.

If a bidder is submitting an alternate to what is referenced in the specifications, his/her proposal must be accompanied by descriptive literature, marked to indicate the exact items to be furnished, electrical and hydraulic diagrams, along with detailed engineering drawing documentation of the unit the bidder intends to supply the County. Failure to supply information requested with the bid will result in rejection of bid. The units must meet all current OSHA, ANSI, ASME, ASTM, ASA, NEC, NEMA, National Traffic, and Motor Vehicle Safety Acts and any other applicable standards and/or regulations. The County of Monmouth reserves the right to request certification indicating the units bid have been certified and tested to meet these requirements, with proper documents attesting to said certification.

The County of Monmouth shall, at its discretion, require qualified bidder or bidders to demonstrate exact equipment bid, at a site designated by the County of Monmouth within two (2) weeks after receipt of said request. Failure to demonstrate equipment, if requested, will result in bidder being rejected. The County of Monmouth shall, at its discretion, require qualified bidder or bidders to submit a list of references who have purchased similar make/models being offered to the County of Monmouth. Failure to supply list of references, if requested, will result in bidder being rejected.

Facilities:

Bidders shall represent a manufacturer, which has in operation a factory adequate for the manufacture of the equipment, which it proposes to furnish. The manufacturer(s) whose associated equipment or products are bid, shall have a full-service warranty and parts supply facility, located within a reasonable distance of the Division of Fleet Services, Freehold, New Jersey. This facility will be required to establish an in-house warranty program and provide all warranty work related to the equipment in the bid. The bidder shall submit the location, names and telephone numbers of people who are authorized to service the equipment or can be reached for emergency service.

Location: Moran Equipment 75 New St EDISON, NJ 08837
Phone No: 609-847-7573 Contact: JOE PETSCH Service Manager
(Name & Title)

Manufacturer's Production Sheet:

The successful vendor shall furnish one (1) copy of the actual Factory Production Sheet, for each unit furnished. The copies of the Production Sheet shall be submitted at the time of the County of Monmouth inspection of unit.

General Instructions:

No Dealer advertisements shall appear on the unit and manufacturer's logo, decals, and/or advertisements shall be approved by the County of Monmouth prior to installation.
NO EXCEPTIONS.

Errors and Omissions:

Inadvertent omissions and/or errors, which may require changes in the attached specifications, must be brought to the attention of the County of Monmouth Director of Public Works and Engineering **BEFORE** bid submission date. All questions shall be answered in writing, to all prospective bidders by addendum. Verbal responses shall not be binding.

Following the award, should successful vendor discover any errors or omissions in the work undertaken and executed by him/her, he/she shall immediately notify the Director of Public Works and Engineering, who shall promptly verify the same. If, with the knowledge of such error or omission and prior to the correction thereof, the bidder proceeds with any work affected thereby, he/she shall do so at his/her own risk. The work done shall not be considered as work done under and in performance of this agreement, unless and until approved and accepted in writing, by the Director of Public Works and Engineering.

It is the responsibility of the furnishing vendor to deliver a complete, operative, and efficiently functioning unit.

Specifications Deviations or Substitution:

These specifications are not intended to be restrictive but are meant to describe the type of unit required for use by the County of Monmouth.

Bidders are warned, however, that failure to carry out the provisions noted herein will be deemed sufficient reason to reject a bid.

Further, these specifications address the minimum performance requirements of the County of Monmouth. The County of Monmouth will consider alternate products, provided that they meet these minimum performance requirements.

(If bidder is basing his/her proposal on equipment other than what is specified and wishes the equipment he/she proposes to be considered as an "Approved Equivalent", he/she shall submit on a separate sheet in the exact format of the specifications contained herein, an item description, including the make, model, and manufacturer's name of that which he proposes to substitute. For purposes of comparison, include only those items on each sheet as given in these specifications. Such bidder shall also include, but not as a substitute for the above, manufacturer's literature and specifications.)

Failure to provide information with bid will result in bidder's proposal being rejected.

It shall further be the responsibility of the bidder when offering an alternate, to furnish proof via manufacturer's engineering drawings, blueprints, certifications, etc., that such is equal or superior to the units specified.

Failure to submit the description or deviations as listed above, will mean the bidder intends to supply the particular item as designated in the specifications and the County of Monmouth will so demand. No substitution will be permitted after receipt of the bids.

All standard and optional equipment listed shall be Original Equipment Manufacturer's items when available.

NO EXCEPTIONS.

Paint, Body & Chassis:

All steel parts shall have the mill scale and oil removed by means of a high-pressure chemical cleaner prior to painting. These surfaces shall be primed with a zinc rich, rust preventive primer. The finish paint shall be of high quality, high solid, polyurethane type enamel. All painting shall be done in conjunction with good commercial practices. All aluminum and stainless steel shall be left in its natural color:

Body and Reels: County of Monmouth Red #2303

EXCEPTIONS: NONE

Service Manuals:

One (1) complete set of owner's service, parts, diagnostic electrical, and hydraulic diagrams must be supplied with total order in CD-ROM or hard copy form. One (1) additional hard copy owner's manual shall be in supplied in Protective Container and mounted on unit.

EXCEPTIONS: NONE

Delivery:

The unit shall be delivered F.O.B. to the County of Monmouth Division of Fleet Services facility, Freehold, New Jersey. The unit shall receive all pre-delivery preparation at the successful vendor's facility prior to final delivery to the County of Monmouth. The successful vendor shall be responsible for final deliveries to the County of Monmouth. Delivery of unit to be within 90 days after receipt of purchase order. All transportation costs are the responsibility of the successful bidder.

EXCEPTIONS: 120 DAYS' FROM PO

Tools:

The successful bidder shall supply a list of special tools, testing equipment, and/or recommended standard items which are required to perform service and repairs to the body components, and associated equipment. The list shall include the item, part number, price, and possible source of supply.

EXCEPTIONS: UNIT COMES WITH A SET OF BOX+ALLEN WRENCHES. NORMAL TECHNICIAN TOOLS WILL BE OK FOR STANDARD SERVICE.

Parts & Supplies:

The successful bidder shall supply a list of recommended parts and supplies which the County of Monmouth should stock at a Central Warehouse. The list shall be prepared for the first through the eighth years of operation. The list shall include part number, quantity, description, price, and possible source of supply.

EXCEPTIONS: ATTACHED ON SEPARATE SHEET

Dealer Network:

The successful bidder shall supply a list of authorized service facilities for equipment bid which are near the Division of Fleet Services, Freehold, New Jersey.

EXCEPTIONS: 75 New St EDISON, NJ 08837
SERVICE MANAGER JOE PETSCA 609-847-7573

Warranties:

Each unit, including all components delivered, must be guaranteed to be free from defects in materials, design, and workmanship for a minimum period of two (2) years/4000/hours from final in-service date, unless standard manufacturer's warranty is for a longer period of time.

If warranty service is required on unit(s) the Dealer provided, and the warranty facility for the equipment is outside a 50-mile radius of the County's yard, they shall provide pickup and delivery of unit(s) at no charge to the County of Monmouth. The successful bidder shall submit copies of the warranty being supplied to the County of Monmouth.

EXCEPTIONS: WARRANTY FORM ATTACHED

Item:

Training:

It shall be the responsibility of the successful bidder to supply all safety, operational and service training to County of Monmouth personnel in accordance with all applicable ANSI and OSHA regulations. The safety and operational training shall consist of a complete review and understanding of the manufacturer's owner manual, along with actual operation of the equipment. The instructors shall emphasize all the proper set up use. The successful bidder shall supply a complete written outline of the training program, which shall be provided to the County of Monmouth. The successful bidder shall also make available to the County of Monmouth any future schools and/or seminars. The training shall take place at 250 Center St., Freehold, New Jersey and the training shall be scheduled by the County of Monmouth.

EXCEPTIONS: OUR TRAINER IS NOT ANSI OR OSHA
CERTIFIED. CMC HAS A IFAF THAT CAN DO THE
TRAINING ONCE THE MACHINE IS DELIVERED.