CITY OF ROCHESTER, NH 31 Wakefield St. Rochester, NH 03867 INVITATION TO BID

City of Rochester, NH is soliciting a competitive bid;

- 1. BID: Bid 23-16 Multipurpose Sidewalk Sweeper
- 2. <u>BID Submission Options-Must be Sealed Hardcopy</u>, or <u>Electronically</u>:
 - a) Submit Hardcopy via USPS, FEDEX, or UPS: City of Rochester, NH, Purchasing Agent
 31 Wakefield St. Rochester, NH 03867. Reference Bid 23-16 on package. In person drop offs are to go to the Finance Office at City Hall, 31 Wakefield Street, Rochester, NH 03867.

b)Submit Electronically via Email: <u>RFP23-16@rochesternhnet.onmicrosoft.com</u> Include in Email subject line: **Bid 23-16.** An automated email confirmation will be generated to bidder once bid has been received. It is bidder's responsibility to ensure proper email submission of bid, and to monitor for the confirmation email.

- 3. Bid Receipt Date & Time: No later than October 19, 2022 at 5:00pm.
- 4. <u>Bid Opening Date & Time:</u> October 20, 2022 at 2:45pm. Opening will be conducted in person in Councilor Chambers, 31 Wakefield Street, Rochester, NH 03867.
- 5. <u>Bid Specifications</u>, <u>Questions & Addendums (Q&A)</u>: Can be obtained by visiting https://rochesternh.net/bids see **OPEN BIDS** section. Or contact City of Rochester, NH Purchasing Agent 31 Wakefield St. Rochester, NH 03867, purchasing@rochesternh.net, 603-335-7602. Note Q&A updates will end one week prior to bid opening.
- 6. <u>Bid Results:</u> Results can be obtained at https://rochesternh.net.bids, in **CLOSED BIDS** section. Select the specific bid to see all results, or contact Purchasing Agent.

CITY OF ROCHESTER NH SPECIFICATIONS

Multipurpose Sidewalk sweeper Articulating 4 Wheel Drive Tractor

The City of Rochester, NH are accepting bids for a new multi-purpose sidewalk sweeper, with the minimum specifications below or equivalent. Below pages 1-7 must be completed and returned with bid form on page 13

Multihog CV 350 or Equivalent		
<u>Dimensions & Weights</u>	YES	NO
Permanent 4 wheel drive articulated vehicle		
Overall length: minimum 149 inch (without brushes), maximum 173 inch (with brushes)		
Overall width: minimum 47 inch, maximum 51 inch		
Overall height: minimum 78 inch, maximum 82 inch		
Wheel base: minimum 68 inch, maximum 70 inch		
Unladen weight: minimum 4409 lb, maximum 5511 lb		
Front axle capacity: minimum 4409 lb		
Rear axle capacity: minimum 5511 lb		
Towing capacity, braked trailer: maximum 3306lb		
Gross vehicle weight: maximum 7716 lb		
Outer turning radius: minimum 88 inch, maximum 107 inch		
Minimum cabin volume: 2.3 yd ³		

<u>Engine</u>	YES	NO
Engine displacement shall be no less than 122.04 cubic inch (2000 cc)		
Developing no less than 75 HP (55.4 kW)		
4 cylinder diesel engine, 3 Cylinder not accepted		
Torque: minimum 177 lbf·ft @ 1600 RPM		
Meets Tier 4 final emissions standards		
No DPF		
No DEF		
Alternator: minimum 150 amp		
Fuel capacity: maximum 17 Gallon, diesel		
Hydraulic oil tank capacity: maximum 17 Gallon		
Both oil and fuel tanks to be made of PE plastic		
<u>Drive</u>	YES	NO
Permanent 4 wheel hydrostatic drive with traction control		
Minimum Road speed 25mph		
3 speed heavy duty hydrostatic drive 1st speed: 0-12 mph 2nd speed: 0-18 mph 3rd speed: 0-25 mph		
Minimum 3 separate drive modes:		
Cruise control		
Gradability Minimum 45%		
Chasis, engine, pumps to be designed for all year multipurpose use such as grass custting and snow removal.		

Twin reversable variable speed fans.		
Heavy duty cooling system for engine, charge air, oil, water and fuel		
<u>Driver Cabin</u>	YES	NO
Driver cabin ROPS tested in accordance with OECD no. 7 as specified by directive 1322/2014		
4 wheel independent full spring and damper suspension on all four wheel motors including anti-roll bar		
Adjustable ride height through suspension setting		
High back air suspension seat with adjustable height, lateral position, back support, lumbar support, headrest and seat heating		
Optional Vacuum gauge in cabin		
3- point seatbelt		
Cab heating with recirculating air function and pollen filter on the fresh air intake		
Two (2) Power adjustable heated Rear view mirrors		
Adjustable heater vents for driver, windscreen and driver's feet		
Integrated combined air-conditioning		
Air-conditioning not externally roof mounted and does not increase the height of the machine		
Internal cabin light		
Power assisted steering		
Radio / CD / AUX		
Steering column base tilt controlled via foot pedal		
Adjustable height and reach steering wheel		
2 speed wiper with intermittent function		
Permanently On - 7in Color rear view camera		
Openable window in cab doors. One(1) per door		

Sidewalk Sweeper

LED work lights for greater visibility for night and winter operation. Two (2) front and two (2) rear.		
On Board Diagnostics		
Integrated Document holder		
Adjustable seat-mounted, multifunction control armrest		
Heated Windshield		
Suction hood camera		
Amber Flasher - Two (2) on front of cab, two (2) on rear of suction hopper		
360 degree amber flashing beacon, roof mounted		
Cupholder		
	1/50	
<u>Brakes</u>	YES	NO
Power-assisted Hydraulic disc brakes for dynamic braking.		
Multi disc parking brakes on front wheels with control button on steering column.		
Brake will automatically engage when the driver seat is vacated or the engine is turned off		
Parking brake override hand pump to release the parking brake and enable the machine to be towed in the event of breakdown or engine failure. The brake will reset itself once the engine is restarted.		
<u>Hydraulics</u>	YES	NO
Variable flow load-sensing hydraulic pump to front $0-26.5$ Gallon per minute at 3263 PSI , suitable for use with various front mounted attachments		
Variable flow load-sensing hydraulic pump to rear 0 – 16 Gallon per minute at 3263 PSI, suitable for use with various rear mounted attachments		
All hydraulic quick release adaptors are flat face type.		

Steering		
Hydraulic steering with pivot steer		
Heavy duty long-wearing centre articulation bearings		
Easily removable main articulation bearing assembly for maintenance		
Priority valve for steering		
Attachment Mounting & Capacities	YES	NO
Fully removable front brush system		
Removable front A frame for attachment mounting		
Capability to mount Plows, brooms, high pressure washer via A frame.		
Lifting capacity at front lifting hooks: minimum 1653 lb		
Top Rear mounted attachment capability		
Removable Hopper with rear load platform positioned above rear-mounted engine		
High pressure wash down pump and lance. Minimun Hose reel Length 32ft. Minimum pressure 2465 PSI.		
Optional hydraulically driven third brush for both sweeping and weed control		
Paint Finish	YES	NO
Fully powder coated black chassis.		
High quality heavy duty 2 coat powder paint system with minimum 2000 hours salt spray test		
Zinc rich powder primer and a high gloss top powder coat.		
White removal plastic panels mounted on vehicle		

Sweeping	YES	NO
Sweeping width 47 in Minimum		
Sweeping width 93 in Maximum		
Hydraulic raise/lower of suction hood		
In-cab electronic brush ground pressure control		
Two Front brushes independently controlled via two (2) mini Joysticks.		
Variable brush speed 0 - 150 RPM		
Brush size minimum 35in		
Two (2) water nozzles per brush for dust suppression		
Suction Hood Width maximum 25in		
PM 10/PM2.5 Compliant with 4 star rating		
High performance fan speed from 0 to 3,750 RPM		
No material shall pass through the fan		
CFM 4700CFM Miniumum		
Air Flow 17000ft/min Minimum		
Wheels to be on each side of suction		
In-cab window for suction hood view		
Front mounted suction hood camera		
Optional rear suction mouth camera		
7 in suction hose		
One button sweep auto start - Engine sets to 1600RPM,lowers suction hood, brushes placed in float, suction engages and water suspression begins		
Boost Button - sets fan speed to max to lift difficult material, returns to variable fan speed when disengaged.		

Maximum 53 Gal litre fresh water plastic tank		
Minimum 26 Gal recirculation water tank		
Honnor	YES	NO
<u>Hopper</u>	TES	NO
Hardox Fan with Aluminium Housing		
High Capacity Alluminium Hopper		
Minimum 1.9 Cubic Yard hopper capacity		
Hand suction hose for close proximity cleaning. Minimum 16ft		
Easily removeable and washable stainless steel mesh panels		
Hopper minimum weight capacity of 2000lbs		
Optimised placement of material in the rear of hopper first to maximise carrying capacity of hopper.		
Automatic Lid opening		
Hopper-tip control pendant with safety 2-hand operation (can be used inside or outside the cabin 13ft length)		
65in high tipping hopper		
Service	YES	NO
Three Hinged and lockable side panels for ease of service		
Rear vent openable without tools for easy access		
Easily accessible and changeable air filter		
Easy accessable full battery disconnect on rear of the machine		
Equipped with 10 Micron filtration strainers on the return of the oil tank		
Equipped with a 10 Micron hydraulic oil filter on the intake of the oil tank		
500 hours service intervals		

INSTRUCTION TO BIDDERS

- I. PREPARATION OF BID PROPOSAL
- II. IRREGULAR PROPOSALS
- III. DELIVERY OF PROPOSALS
- IV. ELECTRONIC BID FORMAT
- V. WITHDRAWAL OF BID PROPOSAL
- VI. PUBLIC OPENING OF BID PROPOSAL
- VII. DISQUALIFICATION OF BIDDERS
- VIII. CONSIDERATION OF PROPOSALS
- IX. AWARD OF CONTRACT
- X. CANCELLATION OF AWARD
- XI. BID EVALUTAION
- XII. LAWS, PERMITS & REGULATIONS
- XIII. INSURANCE & LEGAL BUSINESS ENTITY
- XIV. DEFAULT & TERMINATION OF CONTRACT
- XV. OPENING BID RESULTS
- XVI. BID FORM

I. PREPARATION OF BID PROPOSAL

- 1. The Bidder shall submit her/his proposal upon the form(s) furnished by the City (attached). The bidder shall specify a unit price for each pay item. All figures shall be in ink or typed.
- 2. If a unit price or lump sum bid already entered by the bidder on the proposal form is to be altered it should be crossed out with ink, the new unit price or lump sum bid entered above or below it, and initialed by the bidder, also with ink. In case of discrepancy between the prices written in words and those written in figures, the prices written in words shall govern.
- 3. The bidder's proposal must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture, by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner. If the proposal is made by an individual, his name and post office address must be shown, by a partnership the name and post office address of each partnership member must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business addresses of the President, Secretary, and Treasurer.
- 4. All questions shall be submitted in writing to and received by the Purchasing Agent at the above address, a minimum of 7 days prior to the scheduled bid opening. The Purchasing Agent, will then forward both the question and the city's response to the question to all known prospective bidders.

II. IRREGULAR PROPOSALS

Bid proposals will be considered irregular and may be rejected for any of the following reasons:

- 1. If the proposal is on a form other than that furnished by the Owner or if the form is altered or any part thereof is detached.
- 2. If there are unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- 3. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- 4. If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items.

III. DELIVERY OF BID PROPOSALS

When sent by mail, the sealed proposal shall be addressed to the City of Rochester, Purchasing Agent, 31 Wakefield Street, Rochester, NH 03867. All proposals shall be filed prior to the time and at the place specified in the invitation for bids. Proposals received after

the time for opening of the bids will be returned to the bidder, unopened. Faxed bid proposals are not acceptable please see coversheet for instructions on emailed bids.

IV. ELECTRONIC BIDS: Due to Covid-19 the City of Rochester has incorporated an electronic bid process. If an electronic format is to be utilized specific submission instructions will be identified in the bid cover page.

V. WITHDRAWAL OF BID PROPOSALS

A bidder will be permitted to withdraw his proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposals.

VI. PUBLIC OPENING OF BID PROPOSALS

Proposals will be opened and read publicly at the time and place indicated in the invitation for bids. Bidders, their authorized agents, and other interested parties are invited to be present.

VII. DISQUALIFICATION OF BIDDERS

Either of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of her/his bid proposal(s):

- 1. Evidence of collusion among bidders.
- 2. Failure to supply complete information as requested by the bid specifications.

VIII. CONSIDERATION OF PROPOSALS

- 1. Bids will be made public at the time of opening and may be reviewed only after they have been properly recorded. In case of discrepancy between the prices written in words and those written figures, the prices written in words shall govern. In case of a discrepancy between the total shown in the proposal and that obtained by adding the products of the quantities of items and unit bid prices, the latter shall govern.
- 2. The right is reserved to reject any or all proposals, to waive technicalities or to advertise for new proposals, if in the judgment of the City, the best interest of the City of Rochester will be promoted thereby.
- 3. Bid results will be available on the website at www.rochesternh.net within 48 hours of the bid opening.

IX. AWARD OF CONTRACT

The City holds the right, in its judgment, to award the contract to the bidder, which it feels is in the best interest of the City. If a contract is to be awarded, the Contractor/Vendor selection shall be based in part on possession of the necessary experience, organization, technical and professional qualifications, skills and facilities, reference checks, project understanding, approach, ability to comply with proposed or required time to completion or performance, licensing or certification, in good standing with Federal, State and Local agencies, possession of satisfactory record of performance, cost and to a responsible and qualified bidder whose proposal complies with all the requirements prescribed as soon as

practical after the bid opening. No bid shall be withdrawn for a period of (60) sixty days subsequent to the opening of bids without the consent of the City of Rochester. The successful bidder will be notified, by the form mailed to the address on his proposal, that his bid has been accepted and that he has been awarded the contract.

X. CANCELLATION OF AWARD

The City reserves the right to cancel the award of any contract at any time before the execution of such contract by all parties without any liability or other claim against the City.

XI. BID EVALUATION

In addition to the bid amount, additional factors will be considered as an integral part of the bid evaluation process, including, but not limited to:

- 1. The bidder's ability, capacity, and skill to perform within the specified time limits.
- 2. The bidder's experience, reputation, efficiency, judgment, and integrity.
- 3. The quality, availability and adaptability of the supplies and materials sold.
- 4. The bidder's past performance.
- 5. The sufficiency of bidder's financial resources to fulfill the contract.
- 6. The bidder's ability to provide future maintenance and/or services.
- 7. Any other applicable factors as the City determines necessary and appropriate (such as compatibility with existing equipment).

XII. LAWS, PERMITS AND REGULATIONS

- 1. The Contractor shall obtain and pay for all licenses and permits as may be required of him by law, and shall pay for all fees and charges for connection to outside services, and use of property other than the site of the work for storage of materials or other purposes.
- 2. The Contractor shall comply with all State and Local laws, ordinances, regulations and requirements applicable to work hereunder, including building code requirements. If the Contractor ascertains at any time that any requirement of this Contract is at variance with applicable laws, ordinances, regulations or building code requirements, she/he shall promptly notify the City of Rochester in writing.

XIII. INSURANCE & LEGAL BUSINESS ENTITY

1. Contractor and any related subcontractors will carry appropriate liability insurance, and be a legal business entity authorized to conduct business in the State of New Hampshire.

XIV. DEFAULT AND TERMINATION OF CONTRACT

If the Contractor:

- 1. Fails to begin work under Contract within the time specified in the notice to proceed; or
- 2. Fails to perform the work with sufficient workers and equipment, or with sufficient materials to assume prompt completion of said work; or
- 3. Performs the work unsuitably or neglects or refuses to remove materials or to perform anew such work as may be rejected as unacceptable and unsuitable; or
- 4. Discontinues the prosecution of the work; or
- 5. Fails to resume work, which has been discontinued, within the time frames included in specifications; or
- 6. Becomes insolvent or has declared bankruptcy, or commits any act of bankruptcy or insolvency; or
- 7. Makes an assignment for the benefit of creditors; or
- 8. For any other causes whatsoever, fails to carry on the work in an acceptable manner the City of Rochester will give notice, in writing, to the Contractor for such delay, neglect, and default.

If the Contractor does not proceed in accordance with the Notice, then the City of Rochester will have full power and authority without violating the Contract to take the prosecution of the work out of the hands of the Contractor. The City of Rochester may enter into an agreement for the completion of said Contract according to the terms and conditions thereof, or use such other methods as in the City's opinion will be required for the completion of said Contract in an acceptable manner.

All extra costs and charges incurred by the City of Rochester as a result of such delay, neglect or default, together with the cost of completing the work under the Contract will be deducted from any monies due or which may become due to said Contractor. If such expenses exceed the sum which would have been payable under the contract, then the Contractor shall be liable and shall pay to the City of Rochester the amount of such excess.

XV. OBTAINING BID RESULTS

Bid results will be available on the website at www.rochesternh.net within 48 hours of the bid opening.

Sidewalk Sweeper

23-16

Total should include price of sidewalk sweeper, attachments and accessories.

City of Rochester, NH

Sidewalk Sweeper	Description	Total bid Amount
Sidewalk Sweeper	Model Year 2023 Cost New	\$

Bid results will be posted after 48 hours on the City of Rochester's web site: www.rochesternh.net or will be available by request via email at the following address: purchasing@rohcesternh.net.