

**CAPITAL IMPROVEMENT PROGRAM  
2024-2031 Project Request & Evaluation Form**

**1. Department:** HIGHWAY

**2. Prepared By:** James Piper, Supervisor of Roads

**3A. Project Name & Implementation Year/s:** WHEELED EXCAVATOR

**3B. Description of Project:** (Please go to second page, Paragraph 3B, to give detailed description and purpose of project, and give a detailed explanation and/or justification for the point score under 4. Evaluation Criteria)

**4. Evaluation Criteria** (Explain Score under 3.B, Page 2)

**Point Score**

a. Addresses an emergency or public safety need	5 4 3 2 1 0
b. Corrects a deficiency in service or facility	5 4 3 2 1 0
c. Results in long-term cost savings	5 4 3 2 1 0
d. Furthers the goals of the Master Plan	5 4 3 2 1 0
e. Matching funds available for limited time	5 4 3 2 1 0

**5. Department Priority**

1 of 2

**6. Estimated Costs**

**7. Cost Effect on Budget**

a. Planning and Design:

a. Operation:

b. Land:

b. Maintenance:

c. Construction:

c. Number of Personnel:

d. Equipment:

d. Cost of Personnel:

e. Other:

e. Other:

TOTAL: \$252,000

TOTAL:

**8. Source of Funds** (Check those appropriate):

☐ a. Current Revenue

☐ b. General Obligation Bonds

☐ c. Revenue Bonds

☐ d. Federal Grant

☐ e. State Grant

☐ f. Special Assessment

☒ g. Town Budget

☐ h. Other (Specify): \_\_\_\_\_

**3B. Detailed description and Purpose of Project:**

FYI - A capital project as defined by the Planning Board are those projects outside of normal operations and maintenance and having the following characteristics:

- a gross cost of at least \$5,000;
- and a useful life of at least 3 years; and
- is non-recurring (not an annual budget item);
- or any project requiring bond financing.

Please also give a detailed explanation and/or justification for the point score under **4. Evaluation Criteria.**

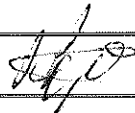
The Highway Department uses an excavator on a regular basis for shoulder work/repair, ditch cleaning, culvert replacement/maintenance and rock & tree debris handling.

There are and have been many occasions when this particular piece of equipment has been needed at a moment's notice. But, because we are not reliant on Equipment Rental Companies or local contractors, this type of machine is not always available at such short notice. Therefore, the Highway Department cannot do its job safely or efficiently.

Also, the reason for a wheeled excavator instead of a tracked one is because neither of us in the Highway Department has a CDLA License, which would be required, along with a trailer (an additional expense), to haul the equipment around Town.

A wheeled excavator is as easy and maneuverable on the road as a farm tractor, backhoe or loader.

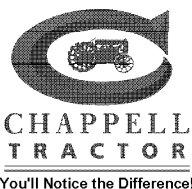
Signature: James Piper



Title: Supervisor of Roads

Date: 10-12-23

Relationship to Master Plan (filled out by Planning Board):



251 Route 125  
Brentwood, NH 03833  
(603) 642-5666  
www.chappell.com

Ship To: IN STORE PICKUP

Invoice To: TOWN OF CHESTER NH HIGHWAY DEPT  
84 CHESTER ST  
CHESTER NH 03036

Branch 02 - BRENTWOOD		
Date 10/31/2023	Time 17:26:40 (O)	Page 1
Account No CHEST012	Phone No 6038873636	Est No 02 Q01070
Ship Via		Purchase Order
Tax ID No		
ALEX HIGLEY		Salesperson AH / AH

### EQUIPMENT ESTIMATE - NOT AN INVOICE

Description      \*\* Q U O T E \*\*      EXPIRY DATE: 11/11/2023      Amount

New TAKEUCHI TB395W WHEELED EXCAVATOR      183000.00

\*

23,424 LBS, 113 HP DEUTZ, TOP SPEED: 18 MPH, CAB; HEAT, A/C  
BLUE TOOTH RADIO, FRONT BLADE, REAR STABILIZER, ORBITAL  
STEERING, 2 PIECE BOOM, FACTORY DUAL PORT, 31 GPM @ 3,045  
PSI,

\*

\* BUCKET BREAKOUT FORCE: 13,241 LBS

\* ARM BREAKOUT FORCE: 8,924 LBS

\* REACH: 25.18 FEET

\* DIG DEPTH: 13.43 FEET

\* OVERALL WIDTH: 7.6 FEET

\* OVERALL LEGTH FRONT BLADE TO OUTRIGGER: 13.6 FEET

\*

NEW CRAIG PIN GRABBER COUPLER

\*

NEW CRAIG SEVERE DUTY 30" DIGGING BUCKET

\*

\* ESCO TEETH; U25S (QTY: 5)

NEW CRAIG HYDRAULIC THUMB

\*

\* DIRECT LINK, WHIP HOSES INCLUDED

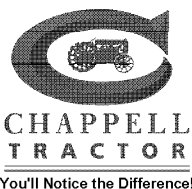
NEW CRAIG HTG48PG-80S HYDRAULIC TILT BUCKET

\*

\* SEVERE SERVICE, 0.50YD3, PINGRABBER

\* WHIP CLOSES & STUCCI COUPLER

**Thank You For Your Business!**



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Description                      \*\* Q U O T E \*\*                      EXPIRY DATE: 11/11/2023                      Amount

\*

-----

Sale Total:            211922.00  
Subtotal:            211922.00  
Quote Total:        211922.00

Authorization: \_\_\_\_\_

\*

\* WARRANTY:

\*

\* TAKEUCHI:

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\* 2 YEAR OR 2,000 HOUR FULL MACHINE

\* 5 YEAR OR 3,000 HOUR EMISSIONS

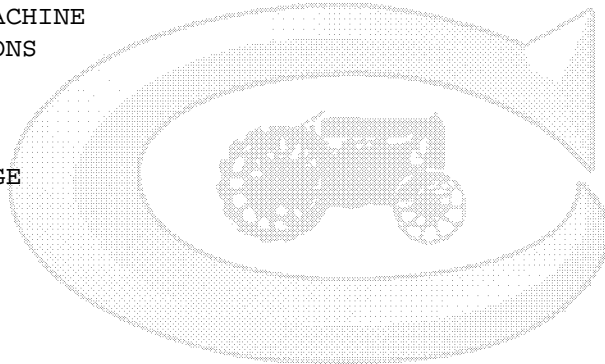
\*

\* CRAIG:

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\* 3 YEAR MANUFACTURING COVERAGE

\*



**Thank You For Your Business!**

## You'll Notice the Difference!

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# EQUIPMENT ESTIMATE - NOT AN INVOICE

Description	** Q U O T E **	EXPIRY DATE: 11/30/2023	Amount
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New TAKEUCHI TB395W WHEELED EXCAVATOR	183000.00
---------------------------------------	-----------

\*

23,424 LBS, 113 HP DEUTZ, TOP SPEED: 18 MPH, CAB; HEAT, A/C  
BLUE TOOTH RADIO, FRONT BLADE, REAR STABILIZER, ORBITAL  
STEERING, 2 PIECE BOOM, FACTORY DUAL PORT, 31 GPM @ 3,045  
PSI,

\*

\* BUCKET BREAKOUT FORCE: 13,241 LBS  
\* ARM BREAKOUT FORCE: 8,924 LBS  
\* REACH: 25.18 FEET  
\* DIG DEPTH: 13.43 FEET  
\* OVERALL WIDTH: 7.6 FEET  
\* OVERALL LEGTH FRONT BLADE TO OUTRIGGER: 13.6 FEET

\*

New 2023 ENGCON QS45-TB290 QUICK COUPLER W/ EC OIL	27480.00
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\*\*\*\*INCLUDING THE FOLLOWING OPTIONS\*\*\*\*

QS45-TB290-1045402	QUICK COUPLER W/ EC OIL
FREIGHT	INBOUND FREIGHT
INSTALL	INSTALLATION
1050162	BLOCK LOCK QUICK
	HITCH 2X2X2-1/4"
540190	HOSE PROTECTION
8001212	ADD ON QSC QC 12V
8001457 EXTDC2-MAP30	DC2 CONTROL SYSTEM INSTALL KIT
8001824 DC2-MAP0	DC2 CONTROL SYSTEM
841528 - MIG2-54-DC2	MIG2 JOYSTICK KIT - 6 ROLLERS

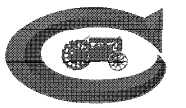
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New 2023 ENGCON QS45-EC209BS TILTROTATOR W/ EC OIL & EPS	28020.00
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\*

\*\*\*\*INCLUDING THE FOLLOWING OPTIONS\*\*\*\*

***Thank You For Your Business!***



**CHAPPELL  
TRACTOR**

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Description      \*\* Q U O T E \*\*      EXPIRY DATE: 11/30/2023      Amount

QS45-EC209BS-1067734 TILTROTATOR W/ EC OIL & EPS  
8001701 - LICENSE LICENSE FOR EPS2 FOR C2C ROTATION  
8001813-C2C-DC2 EPS2 EPS TO INTEGRATE E/ 2D/3D SYSTEM

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New 2023 ENGCON QS45-GRD45 GRAB CASSETTE-DETACHABLE 7630.00

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\* 1057275 GRAB CASSETTE-

\*

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New ENGCON QS45-GB08 51.5" GRADING BUCKET W/ CUTTING EDGE 3040.00

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New ENGCON QS45-DB07 DIGGING BUCKET 31" 2830.00

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Subtotal: 252000.00

Authorization: \_\_\_\_\_ Quote Total: 252000.00

\*

\* WARRANTY:

\*

\* TAKEUCHI:

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\* 2 YEAR OR 2,000 HOUR FULL MACHINE

\* 5 YEAR OR 3,000 HOUR EMISSIONS

\*

\* ENGCON:

-----

\* 2 YEAR COVERAGE

\*

**Thank You For Your Business!**