Fraser City Council Agenda Item

SUBJECT TITLE:	Parks Capital Improvement Plan	**DATE SUBMITTED:**	7/5/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	Returning

REQUEST

This agenda item was at the request from City Council. Attached is a CIP for all the City Parks, Pineridge Cemetery, and the Senior Activity Center. This CIP is by no means complete but wanted to be show City Council the progress that has been made so far. This process takes quite some time as each park must be visited to take inventory of assets, many invoices from years past pulled to get accurate estimated costs and or values, and the AEW must run estimated budget cost for future construction projects.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☒Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount:		
Account Number(s):		
Requires Budget Amendment:	☒NO	☐YES - Amount:
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:
Additional Information:		

ATTACHMENTS

Current City Parks CIP that is work in progress.

RECOMMENDED MOTION(S)

The Superintendent recommends City Council approve format of City Parks CIP and allow Superintendent to continue work on CIP and submit progress until completed.

Park Name: Blanke Park
Location: Mulvey Road
Acres: 6.4

Current Asset	Number of Units	Planned Asset
SIGNS		
Blanke Park Sign	1 Singled Sided	
WALKING PATH		
6'ft Asphalt Path		Reconstruct widen 8' ADA
		3, 6FT Swing Benches
		Energi Fitness Stations
PICNIC TABLES		
Blue 8ft wood with metal frame (movable)	2.0 Unit	

Year Added/Improved	Estimated Value	Condition	Estimated Cost
2022	$3,175	New	$3,175
Unknown		Poor	$186,500
Unknown	$18,446.22		$18,446.22
Unknown	$124,676.75		$124,676.75
		Good	

Mulvey Rd
Mulvey Rd
Mulvey Rd
Harrington Drain
Otto Ave

Park Name: Boris Park
Location: 14 Mile Road
Acres: 1.2

Current Asset	Number of Units
SIGNS	
Boris Park Sign	1 Doubled Sided
WELCOME SIGN - AGES 2-12	1.0 Unit
WALKING PATH	1.0 Unit
PLAYGROUND EQIPMENT	
PLAYGROUND STRUCTURE	1.0 Unit
WEAR MAT (36in x 36in x 1.5in)	2.0 Unit
12" Playground Border with Spike	31.0 Unit
ADA Half Ramp System for use with 8" or 12" borders	1.0 Unit
Wood Fiber Safety Surfacing ASTM Compliant	46.0 Each
Installation Charges for horse shoe pits w/backboards	1.0 Unit
4.5 OZ AEROSOL CAN OF SPRAY	12.0 Unit
12" Playground Border with Spike	21.0 Unit
ACCESSIBLE SWING SEAT w/SILVER SHIELD CHAIN	1.0 Unit
INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL	1.0 Unit
BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft RAIL	2.0 Unit
3' x 5' x 2" Swing Wear Mat - Black	3.0 Unit
Anchor Shackle Standard Steel Special Head Bolt	8.0 Unit
: Installation of swing seats and wear mats and swings	1.0 Unit
Wood Fiber Safety Surfacing ASTM Compliant	71.0 Each
: Installation of swing seats and wear mats and swings	1.0 Unit
Wood Fiber Safety Surfacing ASTM Compliant	71.0 Each
PICNIC TABLES	
Blue 8ft wood with metal frame (movable)	2.0 Unit
SQUARE TABLE 46IN (surfacemount)1.0 Unit	
TRASH CANS	
TRASH DOME TOP	3.0 Unit
RECEPTACLE LINER	3.0 Unit
TRADITIONAL RECEPTACLE	3.0 Unit

Planned Asset	Year Added/Improved	Estimated Value	Condition
	2022	$4,325	New
	2021	$622.00	New
Remove & Replace with Concrete Sidewalk	unknown	$34,150	Current/ Poor
Parking Lot			
Bicycle Parking			
	2021	$43,266.00	New
	2021	$166.00	New
	2021	$40.00	New
	2021	$725.00	New
	2021	$37.50	New
	2021	$2,350.00	New
	2021	$14.25	New
	2021	$40.00	New
	2021	$987.00	New
	2021	$223.00	New
	2021	$124.00	New
	2021	$175.00	New
	2021	$6.93	New
	2021	$550.00	New
	2021	$37.50	New
	2021	$550.00	New
	2021	$37.50	New
			Good
	2021	$1,321.00	New
	2021	$105.00	New
	2021	$34.00	New
	2021	$415.00	New

Estimated Cost

$4,325
$622.00

$34,150

$43,266.00
$332.00
$1,240.00
$725.00
$1,725.00
$2,350.00
$171.00
$840.00
$987.00
$223.00
$248.00
$525.00
$55.44
$550.00
$2,662.50
$550.00
$2,662.50

$1,321.00

$315.00
$102.00
$1,245.00




14 Mile Rd
14 Mile Rd
Boris Park



Park Name: Harrington Trails Park
Location: Fabrizio Drive/14 Mile Road
Acres: 4.38

Current Asset	Number Of Units	Planned Asset
SIGNS		
Park Sign	2 Singe Sided	
Trail Signs	2 Single Sided	
Walking Path		Resurfacing Bicycle Parking install trees along path
Playground Equipment		
Play Structure	1.0 Unit	
WEAR MAT (36in x 36in x 1.5in)	1.0 Unit	
12" Playground Border with Spike	73.0 Unit	
ADA Half Ramp System	1.0 Unit	
Engineered Wood Fiber Safety Surfacing	275.0 Each	
SPINAMI	1.0 Unit	
C - SPRING RIDER FOOTER FRAME	2.0 Unit	
COW SPRING RIDER	1.0 Unit	
HORSE SPRING RIDER	1.0 Unit	
3.5in OD 2-UNIT STEEL ARCH SWING- 8ft TOP RAIL	2.0 Unit	
3.5in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY	1.0 Unit	
ACCESSIBLE SWING SEAT w/SILVER SHIELD CHAIN	1.0 Unit	
SWING ALONG SEAT TO 8ft TOP RAIL	1.0 Unit	
INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL	2.0 Unit	
BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	2.0 Unit	
3' x 5' x 2" Swing Wear Mat - Black	5.0 Unit	
PICNIC TABLES		
Blue 8ft wood with metal frame (movable)	3.0 Unit	
TRASH CANS		
TRASH DOME TOP	2.0 Unit	
RECEPTACLE LINER	2.0 Unit	
TRADITIONAL RECEPTACLE	2.0 Unit	
PICNIC TABLES		
SQUARE TABLE 46IN (surfacemount)	2.0 Unit	
BBQ GRILL		

ADJUSTABLE GROUP GRILL	1.0 Unit

Year Added/Improved	Estimated Value	Condition	Estimated Cost
2022	$3,175 ea	NEW	$6,350
2022	$810 ea		$1,620
unknown		Poor	$86,500
2021			
2021	$47,758.00	New	$47,758.00
2021	$166.00	New	$166.00
2021	$40.00	New	$2,920.00
2021	$725.00	New	$725.00
2021	$37.50	New	$10,312.50
2021	$5,276.00	New	$5,276.00
2021	$246.00	New	$492.00
2021	$1,140.00	New	$1,140.00
2021	$1,140.00	New	$1,140.00
2021	$2,030.00	New	$2,030.00
2021	$1,239.00	New	$2,478.00
2021	$987.00	New	$987.00
2021	$961.00	New	$961.00
2021	$223.00	New	$446.00
2021	$124.00	New	$248.00
2021	$175.00	New	$875.00
		Good	
2021	$105.00	New	$210.00
2021	$34.00	New	$68.00
2021	$415.00	New	$830.00
2021	$1,321.00	New	$2,642.00

2021	$1,485.00	New	$1,485.00


Fabrizio Dr
Nicola Dr
Paoletti Dr
ADO Transactions
Harrington Trail
14 Mile Rd
14 Mile R

Park Name: Meadows Park
Location: Rambling Drive/Sugar Maple Drive
Acres: 1.6

Current Asset	Number Of Units	Planned Asset
PARK SIGN	1 Singled Sided	
TRAIL SIGN	1 Singled Sided	
PONDS	1Wet, 1 Dry	
Pond is traaeted quarterly		
PLAYGROUND EQUIPMENT		
Play Structure	1.0 Unit	
WEAR MAT (36in x 36in x 1.5in)	2.0 Unit	
12" Playground Border with Spike	99.0 Unit	
ADA Half Ramp System	2.0 Unit	
Playground Engineered Wood Fiber Safety Surfacing	300.0 Each	
UNITY TEETER TUNNEL - PERF TOP	1.0 Unit	
BING BOING	1.0 Unit	
COZY COCOON - SPINNING	1.0 Unit	
OVERDRIVE	1.0 Unit	
SPRING RIDER FOOTER FRAME	2.0 Unit	
DUCK WITH COIL SPRING	1.0 Unit	
CHIPMUNK WITH COIL SPRING	1.0 Unit	
3.5in OD 2-UNIT STEEL ARCH SWING- 8ft TOP RAIL	1.0 Unit	
INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL	1.0 Unit	
BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	4.0 Unit	
3' x 5' x 2" Swing Wear Mat - Black	5.0 Unit	
PAVILLION		
Coverworx Model #HX-24-612-FCP-1212 Steelworx Hexagon	1.0 Unit	
VOLLEYBALL COURT		
75 Ton sand 28x55 226 'of 4" drain tile in pea stone with	1.0 Unit	
Bison SVB200A Volleyball System	1.0 Unit	
Path is partially new concrete and poor ashphalt		**WALKING PATH**
BICYCLE PARKING		
MULTI-BIKE SQUIGGLE (SM) Sand	1.0 Unit	
TRASH CANS		
TRASH DOME TOP Black Only	2.0 Unit	
RECEPTACLE LINER	2.0 Unit	
TRADITIONAL RECEPTACLE Sand	2.0 Unit	
BBQ GRILL		
ADJUSTABLE GROUP GRILL	1.0 Unit	

Hot Coal Bind	1.0 Unit

PICNIC TABLES

SQUARE TABLE 46IN (surfacemount) Sand top/Black Frame	1.0 Unit
Blue 8ft wood with metal frame (movable)	2.0 Unit

BBQ GRILL

ADJUSTABLE GROUP GRILL	1.0 Unit
Hot Coal Bind	1.0 Unit

PICNIC TABLES

SQUARE TABLE 46IN (surfacemount) Sand top/Black Frame	1.0 Unit
Blue 8ft wood with metal frame (movable)	2.0 Unit

Year Added/Improved	Estimated Value	Condition	Estimated Cost
2022	$3,175 ea		$3,175
2022	$810 ea		$810
2021	$72,267.00	New	$72,267.00
2021	$166.00	New	$332.00
2021	$40.00	New	$3,960.00
2021	$725.00	New	$1,450.00
2021	$37.50	New	$11,250.00
2021	$9,752.00	New	$9,752.00
2021	$3,801.00	New	$3,801.00
2021	$3,225.00	New	$3,225.00
2021	$3,951.00	New	$3,951.00
2021	$195.00	New	$390.00
2021	$1,230.00	New	$1,230.00
2021	$1,230.00	New	$1,230.00
2021	$987.00	New	$987.00
2021	$223.00	New	$223.00
2021	$124.00	New	$496.00
2021	$175.00	New	$875.00
2021	$25,825.00	New	$25,825.00
2021	$13,347.00	New	$13,347.00
	included in above	New	included in above
Planned for 2023		fair	$8,850
2021	$335.00	New	$335.00
2021	$105.00	New	$210.00
2021	$34.00	New	$68.00
2021	$415.00	New	$830.00
2021	$1,485.00	New	$1,485.00

2021	$2,324.60	New	$2,324.60
2021	$1,321.00	New Good	$1,321.00
2021	$1,485.00	New	$1,485.00
2021	$2,324.60	New	$2,324.60
2021	$1,321.00	New Good	$1,321.00


mbling Dr S

Park Name: McKinley Park
Location: Grove Street
Acres: 6.4

Current Asset	Number of Units	Planned Asset /Update/Repair	Year Added/Improved
Sign	1 Singled Sided		2022
Trail Signs	2 Single Sided		2022
Walking Path		Seal Coating	Planned 2023/2024
Craig Path to Park		Reconstruction	Planned 2023/2024
Playground Equipment			
Sledding Hill			
ADA Restrooms			
Pavilion			
Parking Lot			
		Bicycle Parking	

PICNIC TABLES

Blue 8ft wood with metal frar	8.0 Unit

Estimated Value	Condition	Estimated Cost
$3,175 ea	New	$3,175
$810 ea		$1,620
		$9,222
		$22,700

Good




Cind
Karolyn Ln
Craig Dr
McKinley
Barrier Free Park

Park Name: Pompo Park
Location: Kingston Drive
Acres: 3.5

Current Asset	Number of Units	Planned Asset /Update/Repair	Year Added/Improved
Signs	2 Singled Sided		2022
Walking Path		Seal Coating	Planned 2023/2024
		Base work	2021

Basketball Court
Volleyball Court
Tennis Court
Roller-hockey Rink
Storage Shed
Playground Equipment

Bicycle Parking

PICNIC TABLES

Blue 8ft wood with metal fr	4.0 Unit

Estimated Value	Condition	Estimated Cost
$3,175 ea	New	$6,350
		$3,471
		$20,245.00

Good



Kingston Dr
James J Pompo Park

Park Name: Reindel Park
Location: Doris Avenue
Acres: 4

Current Asset	Number of Units	Planned Asset	Year Added/Improved
Sign	2 Single Sided		2022
Walking Path		Reconstruct/widen 8ft	unknown
Baseball Diamond		resurface	
Storage Building			
		Playground Equipment	
		Basketball Court	

PICNIC TABLES

Blue 8ft wood with metal fr	2.0 Unit

Estimated Value	Condition	Estimated Cost
$3,175	New	$6,350
	Poor	$171,900
	Good	




Ave

Park Name: Somerset Park
Location: Masonic Road
Acres: 6.4

Current Asset	Number Of Units	Planned Asset	Year Added/Improved
Sign	1 Doubled Sided		2022
Walking Path		Seal Coating	Planned 2023/2024
PARKING LOT			
Parking Lot Striped			2023
Playground Equipment			
Mulch			
Volleyball Court			
		Bicycle Parking	
PICNIC TABLES			
Blue 8ft wood with metal fram	3.0 Unit		

Estimated Value	Condition	Estimated Cost
$4,325	New	$4,325
	Good	$2,280
		$800
	Good	



Somerset Park
sonic
Masonic
Masonic



Park Name: Steffens Park
Location: 14 Mile Road
Acres: 21

Current Asset	Number of Units	Planned Asset	Year Added/Improved
Monument Sign	1 Single Sided		2022
Albert Steffens Plaque	1 Single Sided		2022
Sign	1 Single Sided		2022
Fort Fraser		repair	
Mulch		replace	
Basketball Court			
Tennis/Pickleball Court			
Baseball Fields		repair diamonds	
Bleachers		repair/replace	
Pavilions			
Concessions			
ADA Restrooms		renovations	
Storage Sheds			
Parking Lot		resurface lot	
Soccer Field		improve	
Storge Shed	1 Used to store tractor		2023
Ball Diamond Bld #1	1		
Ball Diamond # 2	1		2023

Bicycle Parking

PICNIC TABLES

Blue 8ft wood with metal fr	20.0 Unit

Estimated Value	Condition	Estimated Cost	Upgrades/Improvements Made
$7,250 ea	New	$7,250 ea	
$825	New	$825	
$,3175 ea	New	$3,175	
		$28,595.00	New siding, roof repair, framing, painted
		$4,897.00	New roof and painting
	Good		


14 Mile Rd
Fraser City Hall
Gladys St
Sweeney Drain
Fraser Police Department
Gladys St
Steffens Park
Garfield Rd
Fraser Park Maintenance
Park Ln
Park Ln
Park Ln
Gladys St
Macomb County Realty
Anita Ave
Anita Ave


Wilhelm
VFW Post 6691 -
LT Wood-CPL Reid...
Sweeney Drain

Park Name: Senior Activity Center
Location: 15 Mile Road/Hidden Pine Drive
Acres:

Current Asset	Number Of Units	Planned Asset
Sign		
Gymnasium		
Cafeteria		
Meeting Room		
Kitchen		
		Electronic Sign
		repaint interior
		replace carpet
		develop billiards room

Year Added/Improved	Estimated Value	Condition	Estimated Cost
2022			
2023			



15 Mile Rd
Hidden Pine Dr
Hidden Pine Dr
Hidden Pine Dr
Fraser Parks
& Recreation

Park Name: Cemetery
Location: Fruehauf
Acres:

Current Asset	Number Of Units	Planned Asset	Year Added/Improved
Archway	1		2022
Sign	1 Single Sided		2022
Fence		Staighten, Sanblast, Paint	Unknown
Headstones		Reset and Restore	Unknown

Estimated Value	Condition	Estimated Cost
$3,500 ea	New	$3,500
$425	New	$425
	Fair	
	Poor	



Fruehauf



Fraser City Council Agenda Item

SUBJECT TITLE:	Excavator and Trailer Purchase	**DATE SUBMITTED:**	6/27/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	New

REQUEST

This agenda item is a recommendation to approve the expenditure of $215,789.00 to purchase a new Volvo ECR88D Excavator and Tow Master T-20LP Trailer with the following items: Quick Coupler, Thumb, 24" Digging Bucket, 48" Ditching Bucket, Rammer 999E Hammer, Rammer 1000C Ho-Pac, Automatic Greasing System, 60 Month Premier Warranty, and 72 Month PM Agreement. This new machine will replace 2 of the older machines in the fleet, our oldest backhoe, and the concrete breaker. This machine will save time and money on man hours with its design and efficiency.

Alta Equipment has been awarded the Sourcewell contract through Volvo, Contract #011723-VCE with a maturity date of 04/14/2027, that the City of Fraser is a member of. This will allow the City Council to waive the competitive bid process.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☒Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount: $215,789.00

Account Number(s): 592-536-972.000 $2,475,000 Budgeted in this account

Requires Budget Amendment:	☒NO	☐YES - Amount:
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:

Additional Information:

ATTACHMENTS

1. *Quote for Volvo Excavator and accessories.*
2. *Quote for Tow Master trailer*
3. *Volvo ECR88D excavator specifications*
4. *Tow Master T-20LP trailer specifications*
5. *Rammer 999E Hammer (concrete breaker) specifications*

6. *Rammer 1000C Ho-Pac (tamper) specifications*

RECOMMENDED MOTION(S)

The Director of Public Services recommends that City Council waives the competitive bid process and utilizes the Sourcewell contract bid # 011723-VCE.

The Director also recommends purchasing the new Volvo excavator and Tow Master trailer with accessories listed in the agenda request form.

Quote Valid for 90 days

Contract: 011723-VCE (MOD 6/29/23 (Expires 4/14/27)) **Date:** 6/29/2023

Buying Agency:	CITY OF FRASER	Dealership:	ALTA EQUIPMENT
Contact Person:	MARK RAGSDALE	Prepared By:	MATT DIPONIO
Phone:	586-212-2712	Phone:	734-626-0912
Email:	DPWSUPT@MICITYOFFRASER.COM	Email:	MATTHEW.DIPONIO@ALTG.COM
Sourcewell Product Code	A - Volvo Pricing Catalog: Hydraulic Crawler Excavators Small (Mini) (below 20,000#)		

A. Catalog / Price Sheet Items being purchased

Quan		Unit Pr	Total
1	VOLVO ECR88D- REF. EQ0233479	$112,594	$112,594
	See next page for machine specs at List Price, Contract Discount, Machine Price		
	TOTAL Purchse Price at Bottom of this Page		
		Sourcewell Machine Price:	$112,594
		Additional Discount:	-$50
		Subtotal A:	**$112,544**

B. Sourced and/or Non-Contracted Items

Quan	Description	Unit Pr	Total
1	WERK BRAU QUICK COUPLER- SOURCED EQ0338735 SN: 25306-1-1	$5,560	$5,560
1	WERK BRAU THUMB- SOURCED EQ0238626 SN:38011-1-1	$3,910	$3,910
1	WERK BRAU 24" DIGGING BUCKET- SOURCED EQ0329189 SN: 109435-71-4	$2,940	$2,940
1	WERK BRAU 48" DITCHING BUCKET- SOURCED EQ0329193 SN:109435-85-2	$3,250	$3,250
1	RAMMER 999E HAMMER- SOURCED EQ0344589	$15,134	$15,134
1	RAMMER 1000C HO-PAC- SOURCED EQ0344590	$7,447	$7,447
1	AUTO LUBE	$9,670	$9,670
1			$0
		Subtotal B:	**$47,911**

C. Freight / Installation / Ext Warranty / Trade-Ins / Other Allowances/ Miscellaneous Charges

Freight	$750
PDI	$850
60 MONTH / 4,000 PREMIER WARRANTY	$5,012
(72 Months, 4,500 hours, $3.74/hr) PM AGREEMENT	$16,851
Subtotal C:	**$23,463**
Delivery Date: **D. TOTAL PURCHASE PRICE (A+B+C):**	**$183,919**

Thank you for giving Alta Equipment the opportunity to submit the below trailer quote for your review.

092922-MNR

Towmaster T-20LP Trailer
24,000lb Capacity
20’ Deck
2” Nominal Oak Decking
102” Overall Width
5’ Tongue
3” Adjustable Pintle Ring
Safety Chains w/Grab Hooks
(12) D-Rings – 6 Per Side
34” Loaded Deck Height
Lockable Toolbox
12k Drop Leg Jack
5’ Self Cleaning Beavertail
5’ Spring Assist Ramps
(2) 12k Axles w/Oil Bath Hubs
Hutchison 9700 Suspension
(8) Steel Wheels
(8) 235/85R16 (E)
Electric Brakes
Break Away Battery
LED Lights
Sealed Wiring Harness
7 Pole Round Pin Style Plug
Two Part Polyurethane Black Paint

SOUCEWELL PURCHASE PRICE:	$	31,120.00
PREP & DELIVERY:	$	750.00
TOTAL OTD:	$	31,870.00

Availability: In Stock @ New Hudson, MI Branch – PL161079_EQ0266293

Volvo Construction Equipment

ECR88D

Volvo Excavators 8.6-9.5 t / 19,010-20,950 lb 58 hp



A passion for performance

At Volvo Construction Equipment, we're not just coming along for the ride. Developing products and services that raise productivity – we are confident we can lower costs and increase profits for customers around the globe. Part of the Volvo Group, we are passionate about innovative solutions to help you work smarter – not harder.

Helping you to do more

Doing more with less is a trademark of Volvo Construction Equipment. High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Volvo is in a class of its own.

Designed to fit your needs

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology – but it doesn't always have to. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.





You learn a lot in 180 years

Over the years, Volvo has advanced solutions that have revolutionized the use of construction equipment. No other name speaks Safety louder than Volvo. Protecting operators, those around them and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

We're on your side

We back the Volvo brand with the best people. Volvo is truly a global enterprise, one that is on standby to support customers quickly and efficiently – wherever they are.

We have a passion for performance.

A strong, dedicated, capable dealer network

Our dealers are strategically located throughout North America to provide the equipment you need and the parts and service support you demand for a productive and profitable operation.

The strength of our dealer network is enhanced with extensive individualized product support training at our best-in-class Customer Center in Shippensburg and through hands-on training. Using a great Product Demonstration Center featuring a dedicated area for most commons applications, visitors operate equipment from our entire product line under a variety of simulated working conditions. This facility is in year-round use by our dealers and customers.

Building the best starts right here.

The products designed and manufactured by Volvo Construction Equipment have their beginnings at the most advanced Research & Design centers in the industry. Volvo CE machines are designed in 11 R&D centers and produced in 15 manufacturing facilities across the world.

The major R&D center and manufacturing plant in the Americas is located in Shippensburg, Pennsylvania. This facility has been in operation for over 30 years and – with its recently added 200,000 sq. ft. expansion – now covers 570,000 sq. ft. on an 80 acre campus. Dedicated work teams and highly advanced technologies and techniques using the Volvo Production System ensure continuous quality improvements, labor savings and cost control to reach the high quality that our customers have come to expect from Volvo.

















Volvo Trucks



Renault Trucks



Mack Trucks



UD Trucks



Volvo Buses



Volvo Construction Equipment



Volvo Penta



Volvo Financial Services

Powered to perform

Volvo proudly introduces the new ECR88D compact short swing radius excavator. Featuring a powerful Volvo engine and perfectly matched hydraulic system, this machine delivers high performance, excellent control and low fuel consumption. Sustain optimum power and productivity with Volvo.

Volvo engine

Volvo's premium Tier 4f / Stage IIIB engine delivers superior performance and low fuel consumption. The engine features an Exhaust After Treatment System (EATS) to lower emissions and a regeneration process that does not interrupt operation, performance or productivity.



Slew and boom offset

Slew and boom offset movements are controlled simultaneously for easy and fast positioning of the machine. Joystick control enables precise, smooth and effortless command of the slew and boom offset.



Tractive force

High system pressure delivers impressive tractive force when climbing gradients or traveling over rough terrain. For improved performance, the ECR88D boasts a 16% improvement in tractive force compared to the previous model.





ENHANCED HYDRAULICS

Volvo's state-of-the-art hydraulic system is perfectly matched to the Volvo engine and components – delivering high performance and improved fuel efficiency. The hydraulic system has been designed for fast response and smooth operation.



STABILITY

Design improvements including a counterweight have shifted the center of gravity towards the rear of the machine. Together with a strong undercarriage, this delivers superior stability while lifting bigger loads.

Stability you can count on

Whether you're working in the road construction, utilities, landscaping or any other application, the ECR88D will give you access to more jobsites, where you can work closer to obstacles, safely. With a heavy counterweight and strong undercarriage, this machine delivers superior stability. And with easy service access you'll enjoy maintenance made easy with Volvo.

Service access

For safe and easy access, all service check points are located under the wide-opening engine hood and are accessed from ground level. Grouped filters ensure regular maintenance is straightforward and uptime is maximized.



Single pivot pin

Volvo uses a single pivot design that achieves maximum support between main frame and front equipment, This concept increases, stability, durability and lifetime of the components.



MATRIS and VCADS Pro

For increased uptime, Volvo's high-tech, computer-based MATRIS tool allows you to monitor machine usage and analyze machine operation. VCADS Pro analysis and programming software provides fast diagnostics.



Visibly better

At Volvo we know that when operators are comfortable they experience less fatigue and work more productively. That's why the premium, Volvo designed cab provides superior visibility, a safe and spacious working environment and easy to access controls. Step inside and see the results for yourself.

Climate control

Control your climate with Volvo's powerful, industry-leading climate control system. With seven well-spaced vents quickly heating or cooling the cab, this air circulation and defrosting system increases comfort and productivity.



Keypad

The majority of switches are integrated in one centralized keypad on the right-hand console. The operator can easily control the I-ECU monitor and audio system for increased comfort.



Proportional joysticks

Via the joystick controls, the operator can easily adjust the direction and amount of hydraulic flow sent to the attachment. Benefit from the correct speed and power for optimal attachment operation.



Storage

The Volvo cab features ample storage locations for personal belongings including an additional glove-box, side pocket, phone storage, cup holder and a pocket behind the seat.





VOLVO CAB

All-around visibility from slim cab pillars and large expanses of glass is at the center of Volvo's cab design. The ROPS certified cab features vibration and noise isolation, ergonomic controls and an adjustable seat for increased comfort, reduced fatigue and increased productivity.



HYDRAULIC BREAKERS

Volvo's durable hydraulic breakers have been designed for ultimate compatibility with Volvo excavators. The range has been built to break the most demanding materials and combines excellent performance with low noise and vibration levels.

Infinite opportunities

Get the most out of your compact short swing radius excavator and access more segments and applications with Volvo's comprehensive range of attachments – designed to work in perfect harmony with Volvo machines. Increase your versatility, effectively perform a variety of tasks and experience new levels of productivity with the right attachment for your specific requirements.

Interfaces

Direct fit



For maximum productivity when only operating in one application, Volvo's direct fit attachments provide the best performance and shortest tip radius.

Volvo mechanical quick coupler



Volvo's dedicated quick couplers pick up Volvo hydraulic attachments including breakers, thumbs and buckets for use in both the face shovel and normal backhoe position.

Volvo hydraulic quick coupler

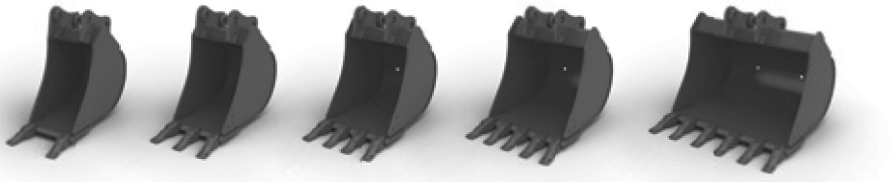


Volvo's pin grabber quick coupler picks up Volvo pin-on Attachments, including breakers, thumbs and buckets for use in both the face shovel and normal position.

Buckets

General purpose buckets

The perfect tool for trenching and handling in a variety of soil conditions. Available in different widths.



Fixed ditching buckets

Ideal for ditch cleaning, grading, landscaping and backfilling.



Tiltable ditching bucket

This bucket can be tilted 45o to each side making it a flexible and versatile solution for grading, landscaping, ditch cleaning and backfilling.



Volvo hydraulic thumb

Designed to work with both Volvo direct fit buckets and with quick coupler in various materials. Used for piling, placing, loading, lifting and carrying.



Volvo Tooth System and wear parts



General purpose

Self-sharpening, general purpose tooth with good penetration and long service life.



Twin pick

Twin pick point with sharp, dual point profile. Ideal for compact or frozen ground.



Pick point

Intended for use in extremely compact materials.



Spade nose

Designed for finishing work such as leveling, grading, cleaning and backfilling.



Bottom leg adapter

A long (one and a half) bottom leg adapter for welding to both sides of the cutting edge.



Side cutter

Side cutters ensure longer bucket life by protecting the side plates and corner welds.

Built to get the job done

Auto idle

Engine speed is reduced to idle when the controls are inactive for more than five seconds or the left-hand console is raised – reducing fuel consumption and noise.

ENHANCED HYDRAULICS

The hydraulic system is perfectly matched to the engine and components for fast response and smooth operation.



Optional hydraulics

For increased versatility, auxiliary hydraulic systems are available to enable the operation of a wide range of attachments.

MATRIS and VCADS Pro

The MATRIS tool monitors machine usage and operation. VCADS Pro analysis and programming software provides fast diagnostics.

Optional dozer floating

The optional dozer blade float function ‘floats’ the dozer blade over the ground for improved leveling control and fuel efficiency.

VOLVO CAB

Volvo's purpose designed cab offers excellent allround viability, enhanced by the slim cab pillars and large windows.

VOLVO ENGINE

Tier 4f compliant Volvo Engine delivers superior performance with low fuel consumption.



SERVICE ACCESS

All service check points are accessed from ground level. Grouped filters make regular maintenance easy.

STABILITY

A heavy counterweight and a strong undercarriage deliver superior stability and the ability to lift bigger loads.

Single pivot pin

Volvo uses a single pivot design that achieves maximum support between main frame and front equipment, This concept increases, stability, durability and lifetime of the components

Undercarriage

Durable and strong X-shape undercarriage ensures superior stability and increases machine lifetime.

Adding value to your business

Being a Volvo customer means having a complete set of services at your fingertips. Volvo can offer you a long-term partnership, protect your revenue and provide a full range of customer solutions using high quality parts, delivered by passionate people. Volvo is committed to increasing the positive return on your investment and maximising uptime.

Complete Solutions

Volvo has the right solution for you. So why not let us provide all your needs throughout the whole life cycle of your machine? By listening to your requirements, we can reduce your total cost of ownership and increase your revenue.



Genuine Volvo Parts

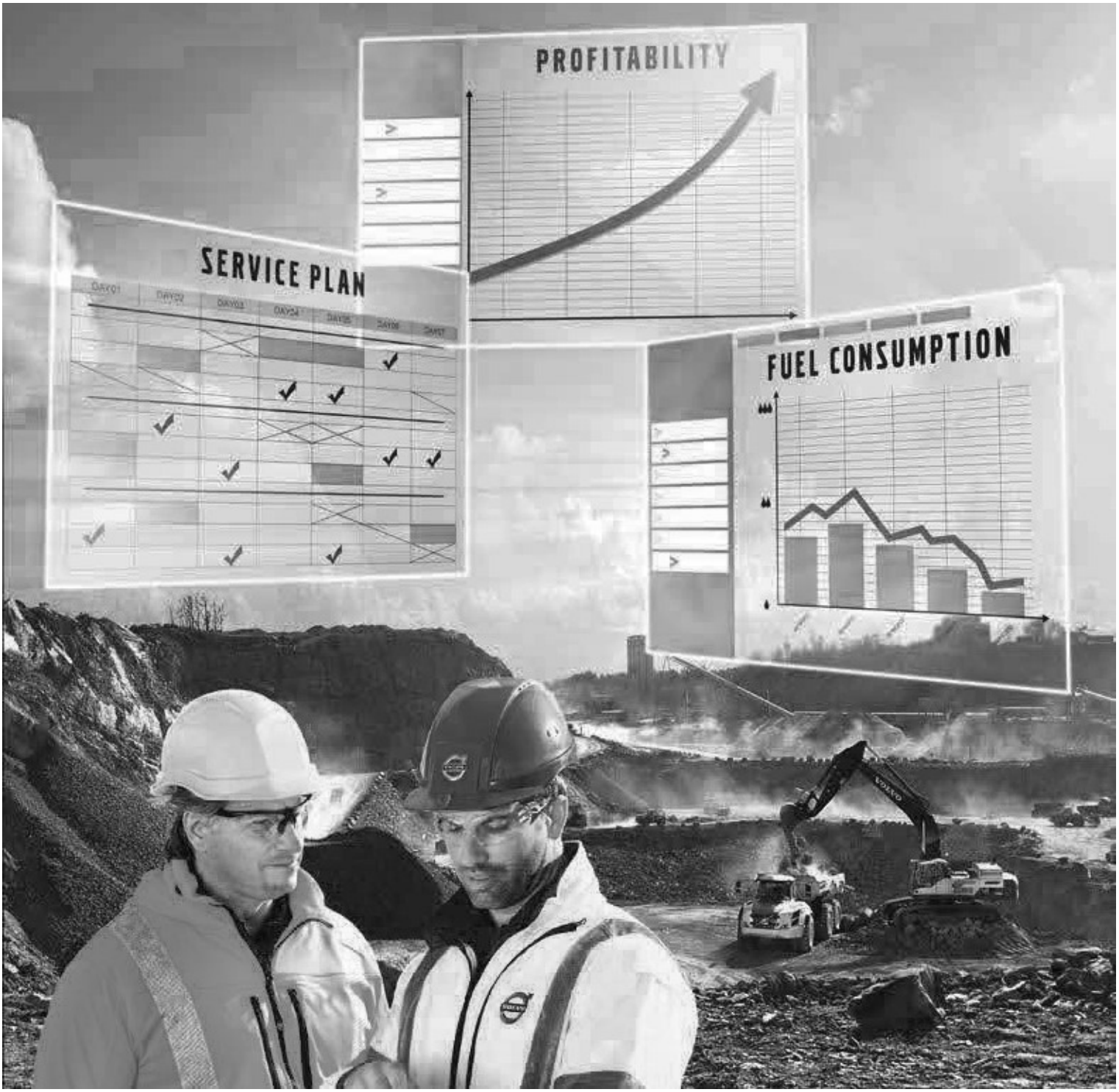
Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your machine's future. Parts are extensively tested and approved because every part is vital for uptime and performance. Only by using Genuine Volvo Parts, can you be sure that your machine retains the renowned Volvo quality.



Service Network

In order to respond to your needs faster, a Volvo expert is on their way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.





CUSTOMER SUPPORT AGREEMENTS

The range of Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services. Volvo uses the latest technology to monitor machine operation and status, giving you advice to increase your profitability. By having a Customer Support Agreement you are in control of your service costs.

Volvo ECR88D in detail

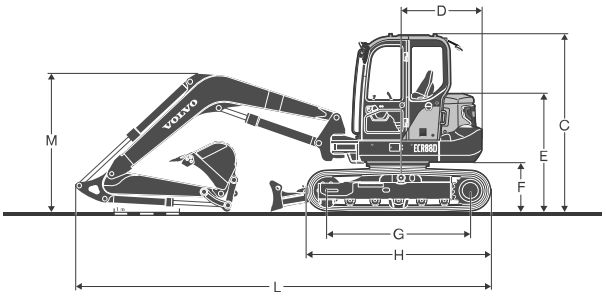
Engine		
The new Tier 4f/Stage IIIB compliant diesel engine is equipped with in-line, turbocharged and water cooled.		
Model	Volvo	D2.6H
Max. power at	r/min (r/s)	2,000 (33.3)
Net (ISO 9249/SAEJ1349)	kW (hp)	41 (55)
Gross (SAE J1995)	kW (hp)	43 (58)
Max. torque	Nm (ft lbf)	220 (162)
at engine speed	r/min	1,300
No. of cylinders		4
Displacement	l (in³)	2.62 (160)
Bore	mm (in)	87 (3.4)
Stroke	mm (in)	110 (4.3)
Electrical system		
Voltage	V	12
Batteries	V	1 x 12
Battery capacity	Ah	100
Alternator	V/Ah	12/70
Starter motor output	V - kW	12 - 2.5
Hydraulic system		
Closed-Center Load-Sensing (CCLS) system with load independent functions.		
Main pump: Variable-displacement pump		
Maximum flow	l/min (gal/min)	1 x 169 (1 x 44.6)
Pilot pump: Gear pump		
Maximum flow	l/min (gal/min)	1 x 14 (1 x 3.7)
Relief valve setting pressure		
Implement	MPa (psi)	29.4 (4,264)
Travel circuit	MPa (psi)	29.4 (4,264)
Swing circuit	MPa (psi)	24.5 (3,553)
Pilot circuit	MPa (psi)	3.4 (493)
Swing system		
Direct drive swing with radial piston motor-maintenance free and automatic holding brake anti-rebound valve.		
Max. swing speed	r/min	9.3
Max. swing torque	kNm (ft lbf)	22.9 (16,890)

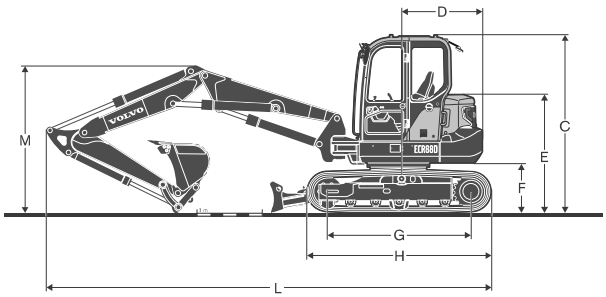
Undercarriage		
Robust X-shaped frame with sealed and greased track chains.		
Track shoes		2 x 39
Link pitch	mm (in)	154 (6.1)
Shoe width - steel	mm (in)	450 / 600 (17.7 / 23.6)
Shoe width - rubber	mm (in)	450 (17.7)
Bottom rollers		2 x 5
Top rollers		2 x 1
Travel System		
Each track is powered by an automatic two-speed shift travel motor. The track brakes are multi-disc, spring-applied and hydraulic released.		
Travel speed low	km/h (mi/h)	2.6 (1.6)
Travel speed high	km/h (mi/h)	4.9 (3)
Max. drawbar pull	kN (lbf)	65 (14,613)
Gradeability	°	35
Service Refill		
Fuel tank	l (gal)	110 (29)
Hydraulic system, total	l (gal)	140 (37)
Hydraulic tank	l (gal)	84 (22)
Engine oil	l (gal)	10 (2.6)
Engine coolant	l (gal)	9.3 (2.5)
Travel reduction unit	l (gal)	2 x 1.6 (2 x 0.4)
Cab		
Refrigerant of the type R134a is used when this machine is equipped with air conditioning. Contains fluorinated greenhouse gas R134a, Global Warming Potential 1.430 t CO2-eq		
Sound Level		
Sound level in cab according to ISO 6396		
LpA	dB(A)	73
External sound level according to ISO 6395 and EU Noise Directive 2000/14/EC		
LwA	dB(A)	97

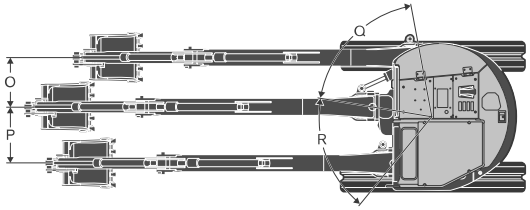
Buckets

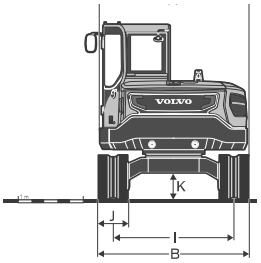
	Width		Weight		Capacity	
	mm	in	kg	lb	l	cu.in
Direct bucket	300	12	111	250	79	4,820
	450	18	139	310	143	8,730
	600	24	162	360	200	12,200
	750	30	182	400	266	16,230
	900	35	205	450	333	20,320
Quick coupler bucket	450	18	132	290	143	8,730
	600	24	156	340	200	12,200
	700	28	171	380	244	14,890
	850	33	191	420	310	18,920

Specifications







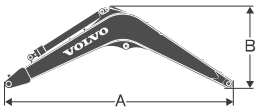


DIMENSIONS							
Machine							
Boom		**m**	**ft in**	**3.55**	**11’8”**	**3.55**	**11’8”**
Arm		**m**	**ft in**	**1.7**	**5’7”**	**2.1**	**6’11”**
A	Overall width of upper structure	mm	ft in	2210	7’3”	2210	7’3”
B	Overall width	mm	ft in	2300	7’7”	2300	7’7”
C	Overall height of cab	mm	ft in	2715	8’11”	2715	8’11”
D	Tail swing radius	mm	ft in	1290	4’3”	1290	4’3”
E	Overall height of engine hood	mm	ft in	1180	3’10”	1180	3’10”
F	Counterweight clearance *	mm	ft in	760	2’6”	760	2’6”
G	Tumbler length	mm	ft in	2200	7’3”	2200	7’3”
H	Track length	mm	ft in	2830	9’3”	2830	9’3”
I	Track gauge	mm	ft in	1850	6’1”	1850	6’1”
J	Shoe width	mm	ft in	450	1’6”	450	1’6”
K	Min. ground clearance *	mm	ft in	405	1’4”	405	1’4”
L	Overall length	mm	ft in	6370	20’11”	6420	21’1”
M	Overall heght of boom	mm	ft in	2115	6’11”	2230	7’4”
O	Boom swing distance	mm	ft in	760	2’6”	760	2’6”
P	Boom swing distance	mm	ft in	860	2’10”	860	2’10”
Q	Boom swing angle		°	70		70	
R	Boom swing angle		°	60		60	

* Without shoe grouser

Specifications

Boom and Arm



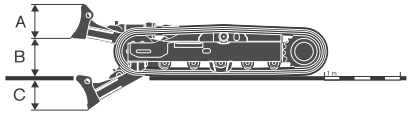


				Boom		Arm			
		m	ft in	3.55	11’8”	1.7	5’7”	2.1	6’11”
A	Length	mm	ft in	3690	12'1”	2283	7'6”	2684	8'10”
B	Heigth	mm	ft in	1244	4'1”	518	1'8”	562	1’10”
	Width	mm	ft in	335	1'1”	305	1'0”	305	1’0”
	Weight	kg	lb	530	1,170	280	620	340	750

Boom: Includes cylinder, piping and pin, excludes boom cyl. Pin.
Arm: Includes cylinder, linkage and pin.

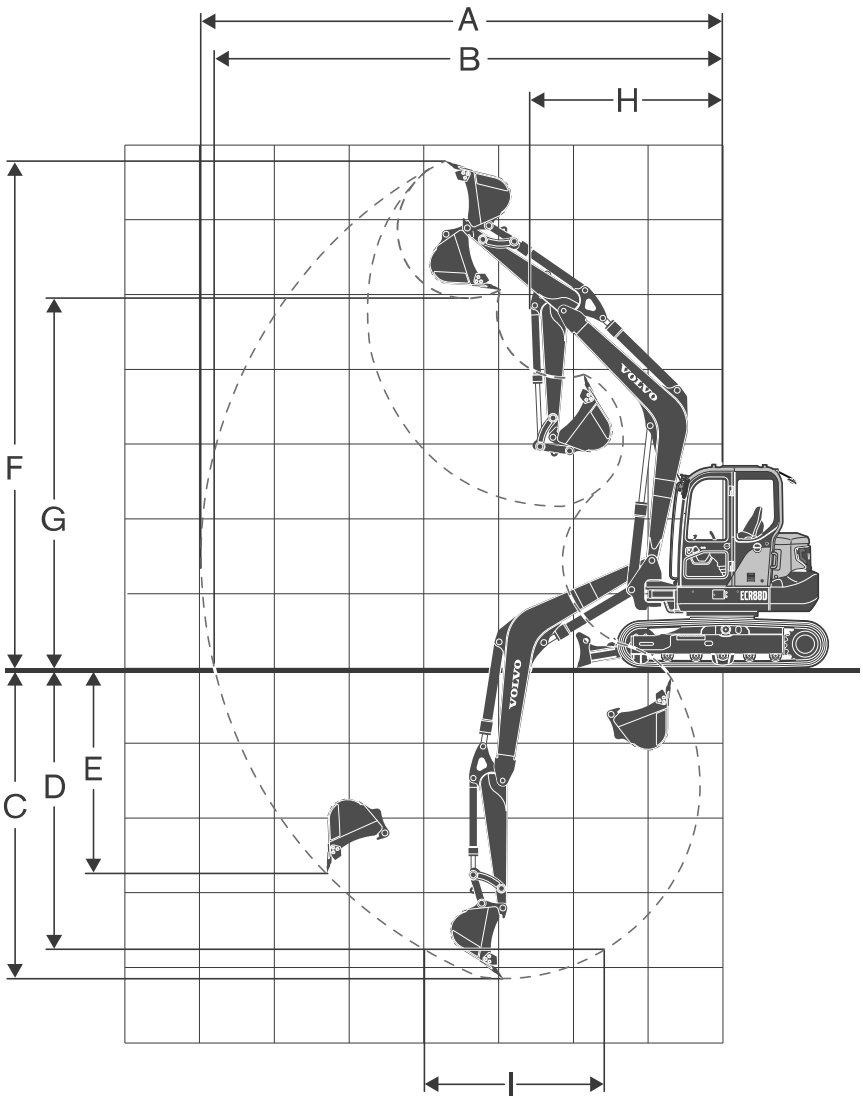
Dozer blade

A	Height	mm	ft in	470	1’7”
	Width	mm	ft in	2 300	7’7”
B	Lifting height	mm	ft in	518	1’8”
C	Digging depth	mm	ft in	433	1’5”



MACHINE WEIGHTS AND GROUND PRESSURE

	Shoe width		Operating weight		Ground pressure	
	mm	in	kg	lb	kPa	psi
Mono boom 3.55 m 11’8”, Arm 1.7 m 5’7”, Bucket 188 kg (266 l) 410 lb, Counterweight 1 480 kg 3 260 lb						
Steel track	450	18	9 010	19,860	40.5	5.9
	600	24	9 180	20,240	30.9	4.5
Rubber track	450	18	8 810	19,420	39.6	5.7
Rubber pad	450	18	9 030	19,910	40.4	5.9
Mono boom 3.55 m 11’8”, Arm 2.1 m 6’11”, Bucket 188 kg (266 l) 410 lb, Counterweight 1 480 kg 3 260 lb						
Steel track	450	18	9 090	20,040	40.9	5.9
	600	24	9 260	20,410	31.2	4.5
Rubber track	450	18	8 890	19,600	40.0	5.8
Rubber pad	450	18	9 110	20,080	40.8	5.9



WORKING RANGES							
Description		**Unit**					
Boom		**m**	**ft in**	**3.55**	**11’8”**	**3.55**	**11’8”**
Arm		**m**	**ft in**	**1.7**	**5’7”**	**2.1**	**6’11”**
A	Max. digging reach	mm	ft in	6 970	22'10”	7 350	24'1”
B	Max. digging reach on ground	mm	ft in	6 800	22'4”	7 180	23'7”
C	Max. digging depth	mm	ft in	4 130	13'7”	4 530	14'10”
D	Max.digging depth (I=2.44m / 8’ level)	mm	ft in	3 750	12'4”	4 200	13'9”
E	Max. vertical wall digging depth	mm	ft in	2 820	9'3”	3 200	10'6”
F	Max. cutting height	mm	ft in	6 790	22'3”	7 050	23'2”
G	Max. dumping height	mm	ft in	4 960	16'3”	5 220	17'2”
H	Min. front swing radius	mm	ft in	2 560	8'5”	2 640	8'8”
Digging forces with direct fit bucket							
Breakout force (bucket)	SAE J1179	kN	lb	50.7	11,400	50.4	11,330
	ISO 6015	kN	lb	57.2	12,860	56.8	12,770
Tearout force (arm)	SAE J1179	kN	lb	38.9	8,740	33.8	7,600
	ISO 6015	kN	lb	39.8	8,950	34.4	7,730
Rotation angle, bucket		°		190		190	

Specifications

LIFTING CAPACITY ECR88D

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket. Simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

	Lifting point			1.0 m, 3.3 ft		2.0 m, 6.6 ft		3.0 m, 9.9 ft		4.0 m, 13.2 ft		5.0 m, 16.5 ft		6.0, 19.8 ft		Max. reach		
	m	ft		Along	Across	Along	Across	Along	Across	Along	Across	Along	Across	Along	Across	Along	Across	Max.
Boom 3.55m, 11‘8“ Arm 1.7m, 5‘7“ Shoe 450mm, 18“ CWT 1 480kg / 3,260lb Dozer blade down	5.0		kg							*1 520	*1 520					*1 600	*1 600	4.6 m
		16.5	lb							*3,380	*3,380					*3,550	*3,550	14.9 ft
	4.0		kg							*1 580	*1 580	*1 540	1390			*1 560	1230	5.3 m
		13.2	lb							*3,470	*3,470	*3,400	3,050			*3,450	2,740	17.5 ft
	3.0		kg					*2 490	*2 490	*1 890	*1 890	*1 640	1360			*1 540	1060	5.8 m
		9.9	lb					*5,420	*5,420	*4,150	*4,150	*3,610	2,980			*3,400	2,340	19.0 ft
	2.0		kg					*3 700	2830	*2 330	1840	*1 830	1310	*1 590	980	*1 580	980	6.0 m
		6.6	lb					*8,040	6,200	*5,100	4,040	*4,010	2,870			*3,490	2,160	19.7 ft
	1.0		kg							*2 690	1750	*2 000	1260	*1 630	960	*1 620	950	6.0 m
		3.3	lb					*5,550	*5,550	*5,870	3,830	*4,380	2,770			*3,580	2,110	19.7 ft
	0.0		kg					*3 800	2640	*2 810	1700	*2 070	1230			*1 670	990	5.8 m
		0	lb					*8,570	5,760	*6,150	3,720	*4,540	2,700			*3,680	2,180	19.1 ft
	-1.0		kg			*3 560	*3 560	*3 840	2640	*2 690	1690	*1 970	1220			*1 700	1100	5.4 m
		-3.3	lb			*7,910	*7,910	*8,410	5,780	*5,890	3,690	*4,300	2,680			*3,760	2,430	17.7 ft
	-2.0		kg			*4 790	*4 790	*3 200	2690	*2 270	1710					*1 710	1370	4.7 m
		-6.6	lb			*10,470	*10,470	*6,990	5,870	*4,950	3,750					*3,760	3,030	15.4 ft
	-3.0		kg					*1 880	*1 880							*1 500	*1 500	3.4 m
		-9.9	lb					*4,040	*4,040							*3,290	*3,290	11.2 ft
Boom 3.55m, 11‘8“ Arm 1.7m, 5‘7“ Shoe 450mm, 18“ CWT 1 480kg / 3,260lb Dozer blade up	5.0		kg							*1 520	*1 520					*1 600	1520	4.6 m
		16.5	lb							*3,380	*3,380					*3,550	3,400	14.9 ft
	4.0		kg							*1 580	*1 580	*1 540	1320			1470	1160	5.3 m
		13.2	lb							*3,470	*3,470	*3,400	2,880			3,270	2,580	17.5 ft
	3.0		kg					*2 490	*2 490	*1 890	1850	1630	1290			1270	1000	5.8 m
		9.9	lb					*5,420	*5,420	*4,150	4,040	3,560	2,820			2,820	2,210	19.0 ft
	2.0		kg					3440	2650	2210	1740	1580	1240	1180	920	1180	920	6.0 m
		6.6	lb					7,530	5,800	4,850	3,800	3,450	2,710			2,610	2,030	19.7 ft
	1.0		kg							2120	1640	1530	1190	1160	900	1160	900	6.0 m
		3.3	lb					*5,550	5,450	4,640	3,600	3,340	2,600			2,550	1,980	19.7 ft
	0.0		kg					3240	2460	2070	1590	1490	1160			1200	930	5.8 m
		0	lb					7,080	5,380	4,520	3,490	3,270	2,530			2,650	2,050	19.1 ft
	-1.0		kg			*3 560	*3 560	3250	2470	2050	1580	1480	1150			1330	1030	5.4 m
		-3.3	lb			*7,910	*7,910	7,100	5,400	4,490	3,460	3,250	2,510			2,940	2,280	17.7 ft
	-2.0		kg			*4 790	*4 790	*3 200	2510	2080	1610					1650	1280	4.7 m
		-6.6	lb			*10,470	*10,470	*6,990	5,490	4,550	3,520					3,660	2,850	15.4 ft
	-3.0		kg					*1 880	*1 880							*1 500	*1 500	3.4 m
		-9.9	lb					*4,040	*4,040							*3,290	*3,290	11.2 ft

Notes: 1. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 2. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

LIFTING CAPACITY ECR88D

Lifting capacity at the arm end without bucket.

For lifting capacity including bucket. Simply subtract actual weight of the direct fit bucket or the bucket with quick coupler from the following values.

	Lifting point			1.0 m, 3.3 ft		2.0 m, 6.6 ft		3.0 m, 9.9 ft		4.0 m, 13.2 ft		5.0 m, 16.5 ft		6.0, 19.8 ft		Max. reach		
	m	ft		Along	Across	Along	Across	Along	Across	Along	Across	Along	Across	Along	Across	Along	Across	Max.
Boom 3.55m, 11‘8“ Arm 2.1m, 6‘11“ Shoe 450mm, 18“ CWT 1 480kg / 3,260lb Dozer blade down	6.0		kg													*1 510	*1 510	4.0 m
		19.8	lb													*3,350	*3,350	12.8 ft
	5.0		kg									*1 380	*1 380			*1 320	*1 320	5.1 m
		16.5	lb									*3,080	3,060			*2,930	*2,930	16.6 ft
	4.0		kg									*1 340	*1 340			*1 230	1070	5.8 m
		13.2	lb									*2,960	*2,960			*2,710	2,380	18.9 ft
	3.0		kg							*1 650	*1 650	*1 470	1370	*1 390	990	*1 210	940	6.2 m
		9.9	lb							*3,610	*3,610	*3,230	2,990	*3,080	2,170	*2,660	2,070	20.3 ft
	2.0		kg					*3 160	2900	*2 100	1850	*1 680	1310	*1 470	970	*1 240	870	6.4 m
		6.6	lb					*6,870	6,350	*4,600	4,060	*3,690	2,860	*3,230	2,120	*2,730	1,920	20.9 ft
	1.0		kg					*3 630	2660	*2 520	1740	*1 890	1250	*1 560	940	*1 320	850	6.4 m
		3.3	lb					*8,300	5,830	*5,500	3,810	*4,130	2,730	*3,410	2,050	*2,920	1,870	21.0 ft
	0.0		kg					*3 940	2580	*2 730	1670	*2 010	1200	*1 590	920	*1 480	870	6.2 m
		0	lb					*8,870	5,640	*5,980	3,650	*4,410	2,630	*3,470	2,010	*3,270	1,920	20.4 ft
	-1.0		kg	*2 660	*2 660	*3 090	*3 090	*4 000	2570	*2 720	1640	*2 000	1180			*1 550	950	5.8 m
		-3.3	lb	*5,890	*5,890	*6,860	*6,860	*8,740	5,610	*5,950	3,590	*4,370	2,590			*3,420	2,100	19.1 ft
	-2.0		kg	*3 980	*3 980	*4 940	*4 940	*3 490	2600	*2 440	1650	*1 720	1200			*1 580	1140	5.2 m
		-6.6	lb	*8,830	*8,830	*11,000	*11,000	*7,630	5,680	*5,320	3,620	*3,740	2,630			*3,480	2,530	17.0 ft
	-3.0		kg			*3 870	*3 870	*2 510	*2 510	*1 650	*1 650					*1 530	*1 530	4.1 m
		-9.9	lb			*8,390	*8,390	*5,450	*5,450	*3,550	*3,550					*3,370	*3,370	13.5 ft
Boom 3.55m, 11‘8“ Arm 2.1m, 6‘11“ Shoe 450mm, 18“ CWT 1 480kg / 3,260lb Dozer blade up	6.0		kg													*1 510	*1 510	4.0 m
		19.8	lb													*3,350	*3,350	12.8 ft
	5.0		kg									*1 380	1330			*1 320	1280	5.1 m
		16.5	kg									*3,080	2,890			*2,930	2,840	16.6 ft
	4.0		lb									*1 340	1330			*1 230	1010	5.8 m
		13.2	lb									*2,960	2,900			*2,710	2,250	18.9 ft
	3.0		kg							*1 650	*1 650	*1 470	1290	1200	930	1130	880	6.2 m
		9.9	lb							*3,610	*3,610	*3,230	2,820	2,620	2,040	2,510	1,950	20.3 ft
	2.0		kg					*3 160	2720	*2 100	1750	1570	1230	1170	910	1050	810	6.4 m
		6.6	lb					*6,870	5,950	*4,600	3,820	3,440	2,690	2,560	1,990	2,330	1,800	20.9 ft
	1.0		kg					3270	2480	2110	1630	1510	1170	1140	880	1030	790	6.4 m
		3.3	lb					7,150	5,440	4,610	3,580	3,300	2,570	2,500	1,930	2,280	1,750	21.0 ft
	0.0		kg					3180	2400	2030	1560	1460	1130	1120	860	1060	810	6.2 m
		0	lb					6,950	5,260	4,450	3,420	3,210	2,470	2,450	1,880	2,350	1,800	20.4 ft
	-1.0		kg	*2 660	*2 660	*3 090	*3 090	3170	2390	2010	1540	1440	1110			1160	890	5.8 m
		-3.3	lb	*5,890	*5,890	*6,860	*6,860	6,930	5,230	4,390	3,360	3,160	2,430			2,570	1,970	19.1 ft
	-2.0		kg	*3 980	*3 980	*4 940	*4 940	3200	2420	2020	1550	1460	1120			1390	1070	5.2 m
		-6.6	lb	*8,830	*8,830	*1,1000	*1,1000	7,000	5,300	4,420	3,390	3,200	2,460			3,070	2,370	17.0 ft
	-3.0		kg			*3 870	*3 870	*2 510	2500	*1 650	1610					*1 530	*1 530	4.1 m
		-9.9	lb			*8,390	*8,390	*5,450	*5,450	*3,550	3,530					*3,370	*3,370	13.5 ft

Notes: 1. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards. 2. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

Equipment

STANDARD EQUIPMENT
Engine
Low-emission Tier 4f / Stage IIIB diesel engine
Standard cooling system
Two-stage air filter
Fuel filter and water separator
Alternator, 70 A
Electric / Electronic control system
Safe engine start function
Automatic idling system
Halogen working lights:
Cab-mounted 2 (front)
Battery, 12 V / 100 Ah
Start motor, 12 V / 2.5 kW
Travel alarm
Monitor and keypad
Master electrical disconnect switch
Frame
1 480kg (3,260lb) counterweight
Under cover
Dozer blade
Undercarriage
Greased and sealed track link
450mm rubber track
Hydraulic system
Automatic two speed travel motors
Cylinder cushioning
Hydraulic fluid mineral 46
Pilot control pattern change
Cab and interior
Canopy
PVC operator seat with suspension
Seat belt, 2 inch retractable
Control joystick
Master key
Hour meter (non analog)
Digging Equipment
Boom: 3.55m (11'8"), Arm: 1.7m (5'7")
Linkage
Service
Tool kit-daily maintenance
Official approval
Object handling device conforming to ISO20474-1 and ISO20474-5 standards (when equipped)
FOPS Level 2 conforming to ISO3449 standard (when equipped)
ROPS conforming to ISO12117-2 standards
TOPS conforming to ISO12117 and EN13531 standards
FOG Level 2 conforming to ISO10262 standard and SAE J1356 standard (when equipped)

OPTIONAL EQUIPMENT
Electric / Electronic control system
Fuel filler pump: 35 l/min, with automatic shut-off
Extra working lights:
Cab-mounted 1 (rear), Boom-mounted 1
Caretrack
Travel alarm
Anti theft, code-lock
Rotating warning beacon
Undercarriage / Superstructure
450mm (18"), 600mm (24") steel track
450mm (18") rubber pad
Heavy counterweight
Frame
Rearview mirror
Dozer blade with floating function
Hydraulic system
Hydraulic piping:
Breaker & shear (max. flow and pressure: 90lpm/24gpm, 32.4Mpa/4690psi)
Slope & rotator (max. flow and pressure: 35lpm/9gpm, 14.7Mpa/2130psi)
Grapple
Quick coupler
Hose rupture valve for boom and arm
Overload warning device
Hydraulic oil, ISO VG 32, 68
Hydraulic oil, biodegradable 46
Hydraulic oil, longlife oil 46
Cab and interior
Cab
Carecab
Fabric operator seat with suspension
Heater and air-conditioner
Control joystick, X3 proportional
Seat belt, 3 inch retractable
AM/FM stereo
AM/FM stereo with CD player and USB input
Mechanical hour meter
Cab mounted FOG (Falling Object Guard)
FOPS (Falling Object Protection Structure)
Sun screen, front/roof
Safety net
Digging Equipment
Arm: 2.1m (6'11")
Service
Tool kit, full scale
Spare parts

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Slope and rotator piping





Dozer float



Caretrack



Fuel filler pump



Mechanical hour meter



Anti-theft



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

Ref No 20036778_G / English:22 / 2017.12 / CEX / Volvo, Global Marketing

VOLVO

Volvo Construction Equipment

www.volvoce.com

TOWMASTER®

Deck-Over
T-20 / T-20LP / T-24 / T-24LP



Wood protectors are standard on Towmaster T-series trailers. They protect the end of the deck boards as equipment is loaded.

Self-cleaning angle iron beavertail also provides positive traction when loading equipment.

Two-way spring assist ramps allow you to easily lift ramps off the deck and also off the ground. Grommet mounted LED lights are standard.

Description:

The premium line of Towmaster® deck-over trailers has proven to offer durability, longevity and style that other brands try to emulate. Our build quality and design creates a trailer that is easy to own and easy to maintain. They are built on our famous I-Beam main frame with a 20-foot deck and self-cleaning angle iron beavertail. Two-way spring-assist ramps are standard on all Towmaster® T-series deck-over models.

Quick Specs:

- 36” (34” on “LP”) deck height (empty)
- 8’-6”deck width
- 20’ deck length
- Electric or Air brakes (model specific)
- Hutchens® suspension
- Self-cleaning angle-iron beavertail
- Two-way spring-assist ramps
- LED lights and sealed wiring

towmaster.com

800-462-4517

U.S.A. BUILT
EMPLOYEE OWNED

LIMITED LIFETIME FRAME WARRANTY

DEXTER AXLE

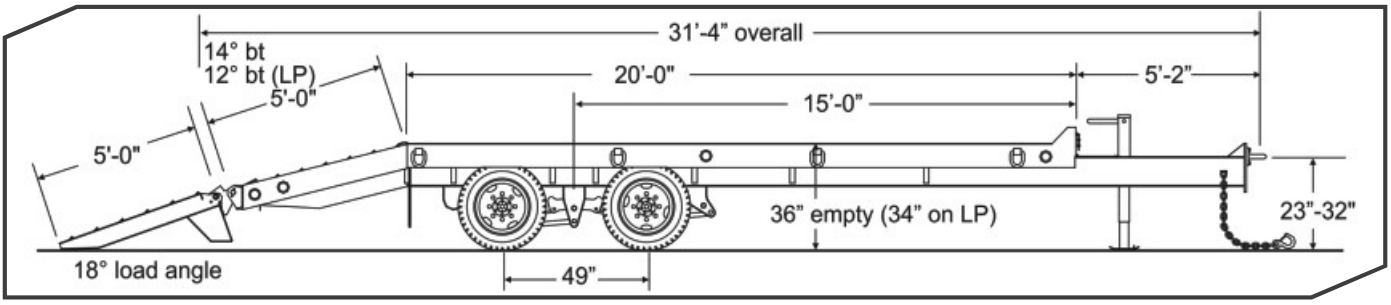
NATIONAL ASSOCIATION OF TRAILER MANUFACTURERS NATM APPROVED

GALVANIZING AVAILABLE

GREEN MANUFACTURING EFFICIENCIES

Photos may show optional equipment.

T-20 / T-20LP / T-24 / T-24LP



SPECIFICATIONS

S=Standard O=Optional

CAPACITY / DIMENSIONS	T-20	T-20LP	T-24	T-24LP
Capacity Rating (lbs/kg)	18,690 / 8478	18,690 / 8478	24,000 / 10,866	24,000 / 10,866
GVWR (lbs/kg)	25,990 / 11,789	25,990 / 11,789	31,300 / 14,197	31,300 / 14,197
GAWR (lbs/kg)	20,000 / 9072	20,000 / 9072	24,000 / 10,866	24,000 / 10,866
Approx. Weight (lbs/kg)	7,300 / 3311	7,300 / 3311	7,300 / 3311	7,300 / 3311
Overall Length (ft-in/mm)	31-4 / 9550	31-4 / 9550	31-4 / 9550	31-4 / 9550
Deck Height (empty)(in/mm)	36 / 914	34 / 864	36 / 914	34 / 864
Deck Length (ft-in/mm)	20-0 / 6096	20-0 / 6096	20-0 / 6096	20-0 / 6096
Overall Width (ft-in/mm)	8-6 / 2591	8-6 / 2591	8-6 / 2591	8-6 / 2591
TONGUE				
Tongue Length (ft-in/mm)	5-2 / 1575	5-2 / 1575	5-2 / 1575	5-2 / 1575
Storage Tray with Lid	S	S	S	S
Pintle Ring (in)	S	S	S	S
High-Tensile Safety Chain (size – in)	3/8 Grade 70	3/8 Grade 70	1/2 Grade 70	1/2 Grade 70
Bolt-on Drop-Leg Parking Jack	12K	12K	12K	12K
FRAME / RAMPS				
Main Beam	W10 x 17, Gr. 50	W8 x 17, Gr. 50	W10, x 17 Gr. 50	W8, x 17 Gr. 50
One-Piece Cold-Formed Frame Rails	S	S	S	S
Crossmembers	3" Jr I-beam	3" Jr I-beam	3" Jr I-beam	3" Jr I-beam
Headboard (in/mm)	5.5 / 140	5.5 / 140	5.5 / 140	5.5 / 140
Channel Side Rails (in/mm)	8 / 203	8 / 203	8 / 203	8 / 203
Deck Material	2" nom. White Oak	2" nom. White Oak	2" nom. White Oak	2" nom. White Oak
Wood Protectors	S	S	S	S
Forged D-Ring Tie Downs (total/Side)	8 / 4	8 / 4	8 / 4	8 / 4
Beavertail (ft-in / mm) (angle-degrees)	5-0 / 1524 (14)	5-0 / 1524 (12)	5-0 / 1524 (14)	5-0 / 1524 (12)
Ramps (ft-in x in/mm)	5-0 x 21 / 1524 x 533	5-0 x 21 / 1524 x 533	5-0 x 21 / 1524 x 533	5-0 x 21 / 1524 x 533
Two-Way Spring Assist	S	S	S	S
SUSPENSION / TIRES				
Hutchens Spring Suspension	S	S	S	S
No. of Axles	2	2	2	2
Axle Capacity (each) (lbs/kg)	10,000 / 4536	10,000 / 4536	12,000 / 5443	12,000 / 5443
Axle Spread (in/mm)	49 / 1245	49 / 1245	49 / 1245	49 / 1245
Hubs	Oil Bath	Oil Bath	Oil Bath	Oil Bath
Electric Brakes	S	S	S	S
Brake Size (in/mm)	12.25x4 / 311x102	12.25x4 / 311x102	12.25x5 / 311x127	12.25x5 / 311x127
Air Brakes (Full ABS Modulated, Park Brake All Axles)	O	O	O	O
Hub Piloted Budd-type Wheels (in/mm)	16x6 / 406x152	16x6 / 406x152	16x6 / 406x152	16x6 / 406x152
Wheel Bolt Pattern	8-bolt	8-bolt	8-bolt	8-bolt
Tires / Load Range Rating	235/85R16 / E	235/85R16 / E	235/85R16 / E	235/85R16 / E

STANDARD EQUIPMENT

- Adjustable hitch height
- 7-pole round electrical plug
- Weather resistant sealed modular wiring
- Grommet mounted LED lights
- Registration holder
- Rust inhibiting primer
- Durable, rust inhibiting top coat
- Die-cut UV resistant vinyl decals
- D.O.T. approved conspicuity tape
- Mud flaps
- Trailer color: Equipment black
- Ramp color: Equipment Red

OPTIONAL EQUIPMENT

Other options may be available. Ask your dealer or visit our web site.

- Gooseneck
- 25K two-speed parking jack
- Dual parking jacks
- Additional deck length
- Additional tie-downs
- Rub rail with stake pockets
- 12K electric winch
- Spare tire and wheel mount
- Spare tire and wheel
- Tire upgrade (load range G)
- Double-break beavertail (not on LP)
- Several beavertail options
- Color options: Construction Yellow, Equipment Red, Blue, Charcoal
- Galvanizing

U.S.A. DESIGNED AND BUILT IN LITCHFIELD, MN

*Payload capacity is calculated by taking the GVWR and subtracting the trailer weight.

Listed GVWR, weights, and dimensions are for reference only. Manufacturer reserves the right to change models and specifications as they see fit. See our web site or your local authorized dealer for more information.

www.towmaster.com
800-462-4517
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RAMMER 999E

EXCELLENCE LINE



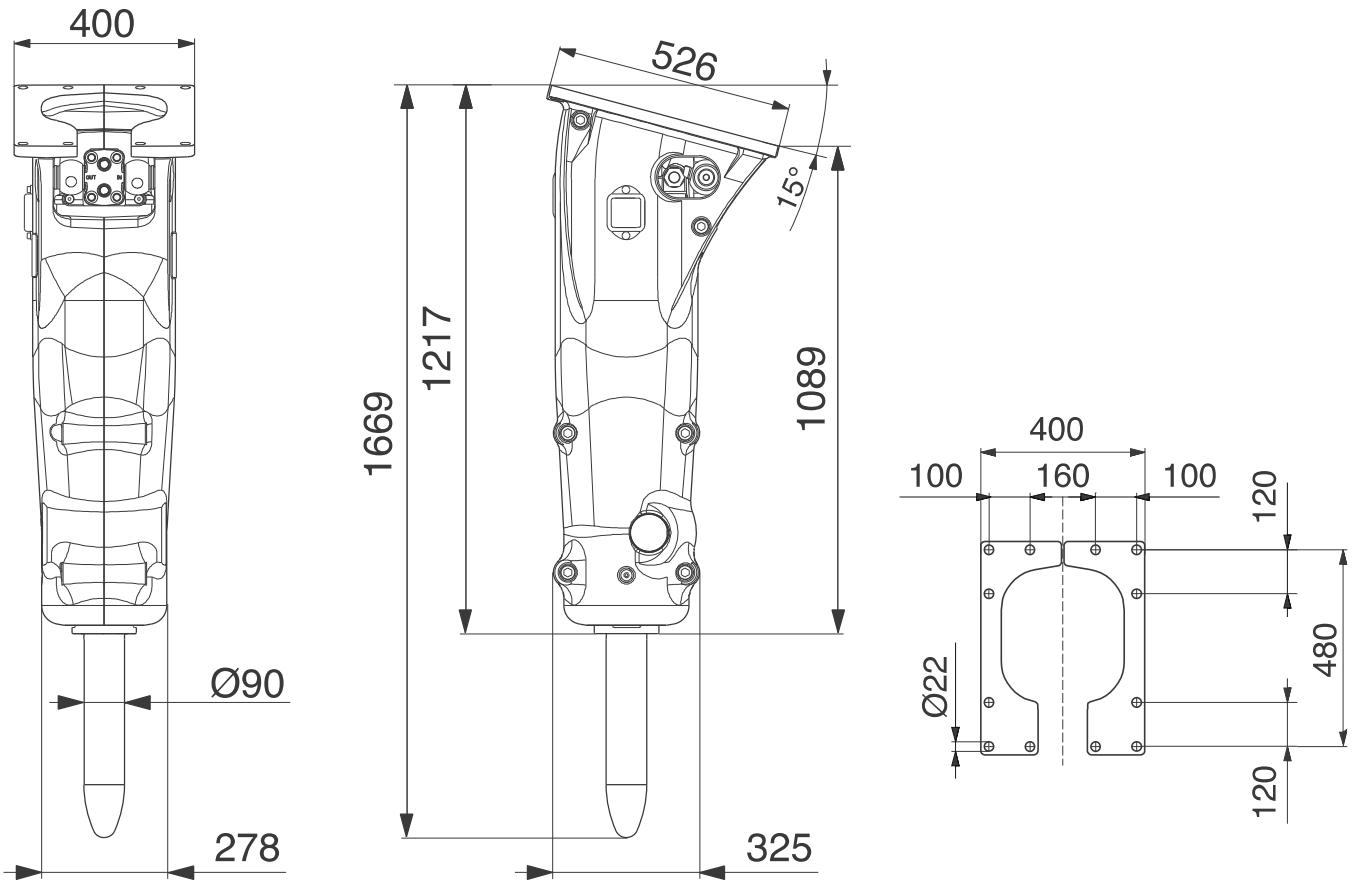
FACTORY INSTALLED RD3 FOR MYFLEET

- CBE (CONSTANT BLOW ENERGY)
- MEMBRANE TYPE ACCUMULATORS
- SINGLE BODY DESIGN WITHOUT TIE RODS
- INTEGRATED TOOL BUSHINGS AND THRUST RING (3 IN 1)

EXCELLENCE LINE HITS SMARTER

The Rammer Excellence Line is a set of state-of-the-art hydraulic hammers for all your rock breaking needs. All Excellence Line hammers now have integrated smart technology for easier fleet management and more efficient processes.

Read more about the product from



SPECIFICATIONS

Minimum working weight, flange mounted, kg (lb)	505 (1110)
Impact rate, bpm	500-1700
Operating pressure, bar (psi)	100-140 (1450-2030)
Pressure relief, max bar (psi)	220 (3190)
Oil flow range, l/min (gal/min)	50-150 (13.2-39.6)
Back pressure, max bar (psi)	20 (290)
Input power, kW (hp)	35 (47)
Tool diameter, mm (in)	90 (3.54)
Excavator weight, allowed range t (lb)	5.8-13.0 (12800-28700)
Skid steer, robot weight, allowed range t (lb)	3.9-8.7 (8600-19200)
Noise level, measured sound power level, LWA dB	123
Noise level, guaranteed sound power level, LWA dB	127

TOOLS

Chisel
Moil point
Pyramid
Spade
Compacting plate

PARTS

Service kit 1
Special tool grease

Specifications are subject to change without notice

Sandvik Mining and Construction Oy
Taivalkatu 8, P.O.Box 165
FI- 15101 Lahti, Finland
Phone Int. +358 205 44 151
rammer@sandvik.com

HO-PAC® 1000C RAMMER COMPACTOR



- Faster, less expensive technique for driving wood, steel and aluminum sheeting, 'H' and 'I' beams, piling, posts and seawalls
- Also great for compacting waste materials and breaking up frozen coal
- Able to compact in densities in excess of 95% Proctor
- Ideal for trench, slope and excavation compaction
- Four Function Valve controls flow, pressure, regenerations and oil flow direction
- Tough coat hoses prevent cuts and extend wear life
- Grease filled, sealed bearings provide maintenance free lubrication

HO-PAC COMPACTOR DRIVERS

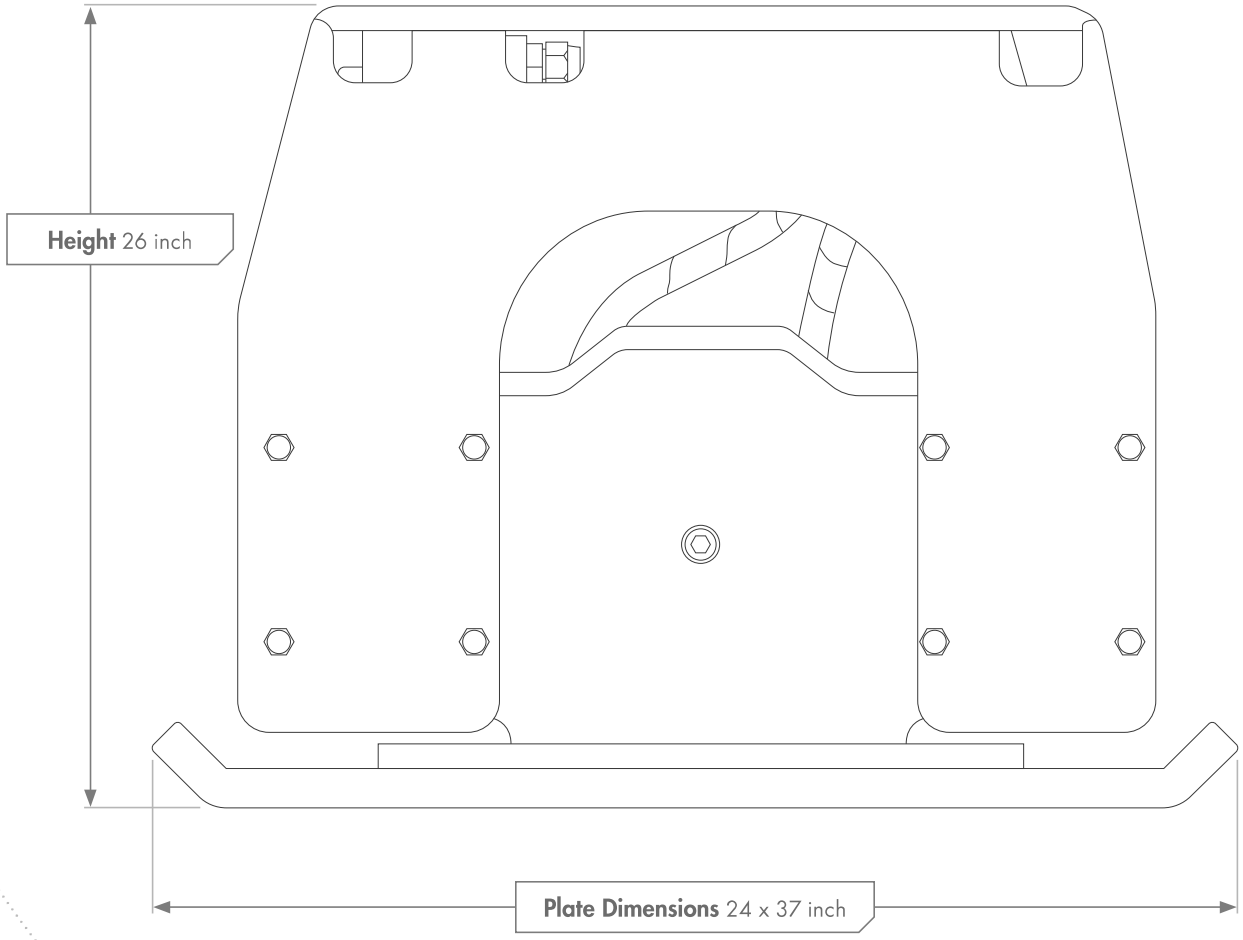
Ho-Pac compactor drivers save you time, money, and increase productivity by expanding versatility and eliminating the need for special purpose machines. Ho-Pac models use an eccentric, rotating weight that creates vibrations and impulse energy for effective soil compaction and are extremely efficient at driving piling, posts, pipe, guardrails posts, etc.

Rammer®

HO-PAC® 1000C

SPECIFICATIONS

Impulse Force (lbs)	8,000
Operating Frequency (rpm)	2,000
Hydraulic Flow Options (gpm)	12/18/21
Operating Pressure (psi)	2,800/2,000/2,000
Overall Height (inch)	26
Compaction Plate Dimensions (inch)	24 x 37
Compaction Area (sq ft)	4.7
Mounting Bracket Type	BR/SR
Working Weight[1] (lbs)	1,120
Carrier Weight Class[2] (1,000 lbs)	9-30



[1] Weight of compactor with typical mounting bracket
[2] Use as guideline only. Verify carrier's lifting and hydraulic capabilities.

Sandvik Rock Processing Solutions North America
Cleveland, OH 44114
Phone (216) 431-2600
rammer.com

Rammer®

Fraser City Council Agenda Item

SUBJECT TITLE:	Stainless Steel Dump Truck Beds	**DATE SUBMITTED:**	6/28/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	New

REQUEST

This agenda request is to purchase 2 stainless steel 3–4-yard dump truck beds, for 2 Chevy 3500 HD dump trucks from Versalift Midwest, utilizing the MiDeal contact # 071B7700166. The amount of the purchase is $17,417.00 each for a total of $34,834.00. Thes dump beds will be installed on Truck #08 a 2014 Chevy 3500 HD with 23,644 miles and truck # 17 a 2011 Chevy HD with 32,644 miles. The beds that are currently on the trucks are rusted out to the point salt is falling out the sides. We have made repairs but are only temporary and will not last. With both trucks having low miles and a history of low maintenance cost, it makes much more sense to just replace the beds with stainless steel, then to replace the whole trucks. Both beds come with new 14 roll back tarps to cover the load while transporting.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☒Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount: $34,834.00

Account Number(s): 661-596-993.000 Capital Outlay (Vehicles) $55,000 Budgeted

Requires Budget Amendment: ☒NO ☐YES - Amount:

Requires Reoccurring Charges: ☒NO ☐YES - Amount:

Requires Travel Expenses: ☒NO ☐YES - Amount:

Offset by Grant Funding: ☒NO ☐YES - Amount:

Additional Information:

ATTACHMENTS

Quote from Versalift Midwest with MiDeal contact #071B7700166

Pictures of rusted out dump truck beds.

Picture of a stainless-steel dump bed.

RECOMMENDED MOTION(S)

This will require two separate motions.

The Superintendent of Public Works recommends the City Council waives the competitive bidding process and utilizes MiDeal Contract # 071B7700166.

Fraser City Council Agenda Item

The Superintendent of Public Works recommends the City Council authorizes the purchase of two, 3-4-yard stainless steel dump beds from Versalift in the amount of $34,834.00.

VERSALIFT MIDWEST, LLC
51761 Danview Technology Ct.
Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

QUOTATION

Quote No. J35334

STATE REG NO: F151568
DEALER LICENSE NUMBER: B6542

Customer: 4965
CITY OF FRASER
33000 GARFILED

FRASER MI 48026

02/14/23: Quote Date
03/16/23: Expire Date
N30: Terms
: Delivery

Contact: MARK Phone: 586-293-3100 Fax: 586-296-1045

MI-DEAL CONTRACT #071B7700166

FURNISH AND INSTALL

1) REMOVE OLD BODY/HOIST AND SCRAP

* RUGBY DU-9-4 ELIMINATOR 9'STAINLESS STEEL 3-4 YARD DUMP BODY
- OUTSIDE DIMENSIONS 9'3" LONG x 96" WIDE
- 17" SIDES; 23" TAILGATE
- 12 GAUGE STAINLESS STEEL SIDES AND ENDS
- #4 POLISHED 201 STAINLESS STEEL
- 3/16" AR400 CROSSMEMBERLESS STEEL FLOOR
- FULLY BOXED DIRT SHEDDING TOP RAIL
- BRACKETS FOR 2" NOMINAL WIDTH SIDE BOARD EXTENSIONS
- 7" STRUCTURAL CHANNEL LONG SILLS
- FMVSS 108 LIGHTING RECESSED IN RUBBER MOUNTING
- OVAL RUBBER MOUNTED STOP/TAIL TURN LIGHTS IN REAR CORNER POSTS
- FULL WIDTH REAR APRON W/ (3) RECESSED CLEARANCE LIGHTS
- TAILGATE SLOPED 10 DEGREES W/ FULLY BOXED FRAME & (2) VERTICAL BRACES
- DOUBLE ACTING PATENTED E-Z LATCH TAILGATE HARDWARE
- EQUIPPED W/ SPREADER CHAINS & BANJO EYE CHAIN HOLDERS IN CORNER POSTS
- 12 GA 304 STAINLESS STEEL 1/4 CAB SHIELD W/ CENTER SLOTTED WINDOW
- # 4 POLISHED STAINLESS STEEL FINISH
- ELECTRONIC BACK-UP ALARM
- ONE (1) SET OF RUBBER MUD FLAPS

* SR-4016 EDM SUBFRAME SCISSOR HOIST
- FULL LENGTH HIGH STRENGTH STEEL SUB FRAME
- INTEGRAL REAR HINGE
- DOUBLE ACTING ELECTRIC HYDRAULIC GEAR PUMP
- IN CAB PUSH BUTTON CONTROLS
- POWER UP AND DOWN
- BODY PROP

1) DONOVAN MANUAL ROLLER TARP SYSTEM
-HAND CRANK CONTROL

*** CONTINUED NEXT PAGE ***

VERSALIFT MIDWEST, LLC
51761 Danview Technology Ct.
Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

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Contact: MARK Phone: 586-293-3100 Fax: 586-296-1045

-14' BLACK MESH TARP COVER

TOTAL ABOVE..... $ 17,417.00

TOTAL FOR 2 UNITS..... $ 34,834.00

THANK YOU,
CURT ANDERSON

QUOTE ACCEPTED AS AN ORDER_____DATE_____TRUCK INFO:_____

GOODS ARE SOLD ONLY WITH SUCH WARRANTIES AS MAY BE EXTENDED BY MANUFACTURER OF THE PRODUCT. WE MAKE NO OTHER WARRANTY & THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY. SALES TAX NOT INCLUDED IN ABOVE PRICE.





Fraser City Council Agenda Item

SUBJECT TITLE:	D.P.W. V Bolt in Salters	**DATE SUBMITTED:**	6/28/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	New

REQUEST

This agenda request item is to purchase 3 bolts in V hydraulic salt spreaders, for three of the one ton, three-yard dump trucks, from Versalift Midwest, utilizing the MiDeal contact # 071B7700166. The amount of the purchase is $9,175.00 each for a total of $27,525.00. These salters will be placed in the stainless-steel beds during the winter and removed and put in storage during the warmer months. Currently, these trucks are equipped with tailgate mounted augers and side spreaders. This method causes the salt to be loaded directly in the bed of the truck causing it to rust out and loose the salt out the sides, allows for the truck to be overloaded that breaks the springs, wastes the salt, and damages the tires. This method also requires the driver to constantly lift the bed of the truck to shift the load, The current spinners that project the salt require two passes down the street and fling salt into the grass and drag the ground when the truck pulls into a parking lot. Purchases these salters, along with the stainless-steel dump beds will eliminate these issues.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☒Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount: $27,525.00

Account Number(s): $18,350 from 202-441-972.000 (Major Road Winter Maintenance)

$9,175.000 from 203-441-972.000 (Local Roads Winter Maintenance)

Requires Budget Amendment:	☒NO	☐YES - Amount:
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:

Additional Information:

ATTACHMENTS

Quote from Versalift Midwest with MiDeal contact #071B7700166

RECOMMENDED MOTION(S)

This will require two separate motions.

The Superintendent of Public Works recommends the City Council waives the competitive bidding process and utilizes MiDeal Contract # 071B7700166.

The Superintendent of Public Works recommends the City Council authorizes the purchase of the 3 V bolts in salters from Versalift.

VERSALIFT MIDWEST, LLC
51761 Danview Technology Ct.
Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

QUOTATION

Quote No. J35341

STATE REG NO: F151568
DEALER LICENSE NUMBER: B6542

Customer: 4965
CITY OF FRASER
33000 GARFILED

FRASER MI 48026

02/17/23: Quote Date
03/19/23: Expire Date
N30: Terms
: Delivery

Contact: MARK Phone: 586-293-3100 Fax: 586-296-1045

MI-DEAL CONTRACT #071B7700166

FURNISH AND INSTALL

1) MDV 8 SELECT
8 ft. spreader with hydraulic drive, drag
chain conveyor and spinner
stainless steel construction
Tapered inverted V
BoltÙin full length rubber chain shields
Dual chain wipers
Swing up spinner
Four spinner heights available
14" poly spinner disc
Recessed sectional DropÙnÙLock top
screens

INSTALLED ..... $ 9,175.00

TOTAL FOR 3 UNITS..... $ 27,525.00

THANK YOU,
CURT ANDERSON

QUOTE ACCEPTED AS AN ORDER_____DATE_____TRUCK INFO:_____

GOODS ARE SOLD ONLY WITH SUCH WARRANTIES AS MAY BE EXTENDED BY MANUFACTURER OF THE PRODUCT. WE MAKE NO OTHER WARRANTY & THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY. SALES TAX NOT INCLUDED IN ABOVE PRICE.

Fraser City Council Agenda Item

SUBJECT TITLE:	New Lawn Mower for Parks	**DATE SUBMITTED:**	7/05/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	New

REQUEST

This Agenda request Item is to purchase a new 72" commercial cut zero turn radius Exmark Laser Series lawn mower, for the price of $11,279.00 from Weingartz . Last week, the engine blew on one of the three Exmark zero turn radius mowers. We were given a verbal quote of $5,200.00 to replace the engine. This mower is a 2007 model with over 1200 hours on it. It is not advantageous to put that kind of money into a mower that old. We will either find a used motor for much cheaper and use it as a backup, when one of the others are in service, or use it for parts. The current mower is a 60" cut, the new requested mower is a 72" cut. This will save time and money by increasing production by 17%, with less operating cost, due to less maintenance and upkeep, being 17 years newer. Weingartz, has the Omnia Partners governmental purchasing co-operative contract. This will eliminate the need for additional quotes. The retail price of the mower is $15650.00 the Omnia price is $11,279.00 for a savings of $ 4,371. This item was not budgeted for due to unforeseen issues with the engine. Currently, there is $277,000 is this account but may require a budget amendment in the future.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☒Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount: $11,279.00

Account Number(s): 101-770-972.000

Requires Budget Amendment:	☒NO	☐YES - Amount: Not currently
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:

Additional Information:

ATTACHMENTS

Omnia purchasing partner quote from Weingartz

RECOMMENDED MOTION(S)

This agenda item will require two separate motions:

1. The Superintendent of Public Works recommends City Council waive the competitive biding process and utilizes the Omnia Purchasing Partners contact bid.

2. The Superintendent of Public Works recommends the purchase of a new 72” cut Exmark mower from Weingartz.

WEINGARTZ EVERYTHING FROM LAWN TO SNOW

QUOTATION

To: ***CITY OF FRASER***
33000 GARFIELD RD.
P.O. BOX 10
FRASER, MI 48026

Quote #: ***10864334-00***
Date: 07/05/23
Exp Date:

Attn:
Phone: (586) 293-1977
Email: carolynnf@micityoffraser.com

Prepared By: ***Steve Strnad - Utica Sales***
Phone:
Email: sstrnad@weingartz.com

Product number	Product and Description	Qty	Sale Price	Total
exlze801gka724a1	Lazer E Series 801 KAW 72" Deck Seat List Price: $15,650.00	1	$11,346.00	$11,346.00
Zero Down Time	Weingartz Commercial 1 Hour Service Program List Price: $0.00	1	$0.00	$0.00

Total	$11,346.00
Invoice Total	$11,346.00

Omnia pricing quoted on this quote.

Approved By

Customer _____ Date _____ Weingartz Representative _____ Date _____

Fraser City Council Agenda Item

SUBJECT TITLE:	Fire Hydrant Purchases	**DATE SUBMITTED:**	6/29/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	New

REQUEST

This agenda request is to purchase 30 new E J conversion fire hydrants. The City of Fraser owns, maintains, and operates 824 fire hydrants. This is part of the fire hydrant replacement program I initiated last year. Of the 824 fire hydrants, 132 of them are old Detroit Standard that many date back to the 1940's. This style of hydrant is very hard for the DPS to operate and even harder for the DPW to maintain. These hydrants will be replaced first throughout the system.

BUDGET IMPACT

☒Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount: $112,251.54

Account Number(s): 592-536-972.000

Requires Budget Amendment:	☒NO	☐YES - Amount:
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:

Additional Information:

ATTACHMENTS

Quotes from the following vendors:

1. *Core & Main $112,251.76*
2. *EJ $113,987.76*
3. *ETNA Supply $112,464.00*

RECOMMENDED MOTION(S)

The Superintendent of Public Works recommends the following motion: Approve the purchase of 30 new EJ conversion fire hydrants from the lowest bidder Core & Main in the amount of $112,251.54.

Bid Proposal for Fraser Hydrants (6/28/23)

CUSTOMER

FRASER CITY OF
31250 KENDALL STREET
FRASER, MI 48026

Job
Fraser Hydrants (6/28/23)
Fraser, MI
Bid Date: 06/23/2023
Bid #: 2594847

CONTACT

Sales Representative
Christopher Climie
(T) 734-398-5950
(F) 734-398-5970
Christopher.Climie@coreandmain.com

Core & Main
6575 23 Mile Rd
Shelby Township, MI 48316
(T) 586-323-8800

NOTES

Bid Proposal for Fraser Hydrants (6/28/23)

FRASER CITY OF
Job Location: Fraser, MI
Bid Date: 06/23/2023
Core & Main 2594847

Core & Main
6575 23 Mile Rd
Shelby Township, MI 48316
Phone: 586-323-8800
Fax: 586-323-8812

Seq#	Qty	Description	Units	Price	Ext Price
		DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS,			
		MATERIALS ARE SUBJECT TO PRICING AT TIME			
		OF SHIPMENT. MATERIAL AVAILABILITY AND			
		TIMELINESS OF SHIPMENTS CANNOT BE			
		GUARANTEED. THIS TERM SUPERSEDES ALL OTHER			
		CONTRACTUAL PROVISIONS.			
20		****THIS QUOTE REPRESENTS OUR**			
30		**INTERPRETATION OF THE PLANS &**			
40		**SPECIFICATIONS AND IS OFFERED**			
50		**AS AN AID TO BIDDING ONLY.**			
60		****SPECIAL ORDER ITEMS MAY NOT**			
70		**BE RETURNED WITHOUT APPROVAL****			
80		****THIS QUOTE IS BASED ON THE**			
90		**RECEIPT OF THE ENTIRE LIST OF**			
100		**MATERIAL. ANY DEVIATION COULD**			
110		**RESULT IN PRICE CHANGES.**			
120		********************************			
130		********************************			
140		**PLAN DATE:**			
150		**LAST REVISION:**			
170	12	EJ 83305D 5' DFD CONV. HYD.	EA	3,689.16	44,269.92
		Note: 5BR250 DFD Conversion Hydrant 5' 2DTP 1 1/8" Pent 2-1 3 3/4" DFD Detroit, 305 5" Storz Red OL			
180	14	EJ 83405D 5'6" DFD CONV HYD	EA	3,760.83	52,651.62
		Note: 5BR250 DFD Conversion Hydrant 5'6" 2DTP 1 1/8" Pent 2-1 3 3/4" DFD Detroit, 305 5" Storz Red OL			
190	4	EJ 83502D 6' DFD CONV HYD	EA	3,832.50	15,330.00
		Note: 5BR250 DFD Conversion Hydrant 6' 2DTP 1 1/8" Pent 2-1 3 3/4" DFD Detroit, 305 5" Storz Red OL			

Bid Proposal for Fraser Hydrants (6/28/23)

Bid #: 2594847

Seq#	Qty	Description	Units	Price	Ext Price
210		**PRICING HELD UNTIL 7-28-2023**			
				Sub Total	**112,251.54**
				Tax	0.00
				Total	**112,251.54**

Branch Terms:
DUCTILE PIPE & CONCRETE PIPE MAY BE PRICED FOR FACTORY DIRECT TO JOBSITE DELIVERY. DUCTILE PIPE & CONCRETE PIPE FROM CORE & MAIN YARD MAY BE BILLED AT A HIGHER PRICE. PAYMENT IS NOT CONTINGENT ON CLEANUPS. CLEANUPS ARE DONE AS A COURTESY AND AT CORE & MAIN'S DISCRETION. ASK US ABOUT FUSION RENTAL EQUIPMENT. # SPECIAL ORDER ITEMS ARE NON-RETURNABLE AND NOT SUBJECT TO CANCELLATION, HOWEVER WE WILL ADVISE IF MANUFACTURE IS WILLING TAKE BACK SUBJECT TO RESTOCK FEES AND FREIGHT CHARGES.

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: https://coreandmain.com/TandC/

Quotation

ejco.com
800 626 4653

Account Name	City of Fraser	Quote Number	00602049
Ship to	Dept of Public Works 31250 Kendall, Fraser, MI, US, 48026	Quote Name	DFD Conversion Hydrant
Bill to	Attention Accounts Payable 33000 Garfield, Fraser, MI, US, 48026	Created Date	6/28/2023
Full Name	Mark Ragsdale	Expiration Date	7/28/2023
Business Phone	(586) 293-3100	Prepared by	Wesley Krum
Email	dpwsupt@micityoffraser.com	Email	wes.krum@ejco.com
Business Fax	(586) 294-8909	Phone	248-546-2004
Close Date	6/28/2023	Fax	248-546-4612

Quantity	Product N°	Description	Notes	Line Charge	Sales Price (USD)	Total Price (USD)
12	83305D	5BR250 DFD Conversion Hydrant 5' 2DTP 1 1/8" Pent 2-1 3 3/4" DFD Detroit, 305 5" Storz Red OL			3746.22	44954.64
14	83405D	5BR250 DFD Conversion Hydrant 5'6" 2DTP 1 1/8" Pent 2-1 3 3/4" DFD Detroit, 305 5" Storz Red OL			3819.00	53466.00
4	83502D	5BR250 DFD Conversion Hydrant 6' 2DTP 1 1/8" Pent 2-1 3 3/4" DFD Detroit, 305 5" Storz Red OL			3891.78	15567.12

Subtotal	113987.76 USD
Grand Total	113987.76 USD

Notes and Comments

QUOTATION - EJ USA, Inc. Terms and Conditions apply, which are located at https://r.ejco.com/ustc. Material takeoff quantities not guaranteed. Price subject to change.

ETNA SUPPLY - GRAND RAPIDS
4901 CLAY AVENUE SW
GRAND RAPIDS, MI 49548-3038
616 241 5414
Fax 616 241 4786

Quotation

QUOTE DATE	QUOTE NUMBER
06/29/2023	S105173551

ETNA SUPPLY
PO BOX 772107
DETROIT, MI 48277-2107
P-616 248 9182
F-616 245 9940

QUOTE TO:

UNDERGROUND QUOTES
GRAND RAPIDS, MI 49548

SHIP TO:

GR UNDERGROUND QUOTES
4901 CLAY AVE
GRAND RAPIDS, MI 49548-2392

CUSTOMER NUMBER	JOB NAME / PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
59726	CITY OF FRASER		House UG

WRITER	SHIP VIA	TERMS	EXPIRE DATE	FREIGHT EXEMPT
Chad Hart	GRPD	NET 25TH	07/02/2023	Yes

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	SHIPPING INSTRUCTIONS DELIVERY DATE: ANY DELIVERY TIME: ANY CONTACT NAME: CONTACT #: ADD'L INSTR:		
12ea	^EJ 5B5250 83305D DFD CONVERSION HYDRANT 5' 2DTP 1-1/8" PENT 2-1 3 3/4" DFD DETROIT, 305 5" STORZ RED OL *Nonstock - Restock Policy Applies* Pn: 96106	3696.000/ea	44352.00
14ea	^EJ 5B5250 83405D DFD CONVERSION HYDRANT 5'6 2DTP 1-1/8" PENT 2-1 3 3/4" DFD DETROIT, 305 5" STORZ RED OL *Nonstock - Restock Policy Applies* Pn: 96106	3768.000/ea	52752.00

** Continued on Next Page *

Subtotal	
S&H Charges	
Amount Due	

Prices are firm for 2 days. Price subject to change after 2 days.



Quotation

ETNA SUPPLY - GRAND RAPIDS
4901 CLAY AVENUE SW
GRAND RAPIDS, MI 49548-3038
616 241 5414
Fax 616 241 4786

QUOTE DATE	QUOTE NUMBER
06/29/2023	S105173551

ETNA SUPPLY
PO BOX 772107
DETROIT, MI 48277-2107
P-616 248 9182
F-616 245 9940

QUOTE TO:

UNDERGROUND QUOTES
GRAND RAPIDS, MI 49548

SHIP TO:

GR UNDERGROUND QUOTES
4901 CLAY AVE
GRAND RAPIDS, MI 49548-2392

CUSTOMER NUMBER	JOB NAME / PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
59726	CITY OF FRASER		House UG

WRITER	SHIP VIA	TERMS	EXPIRE DATE	FREIGHT EXEMPT
Chad Hart	GRPD	NET 25TH	07/02/2023	Yes

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
4ea	^EJ 5BR250 83502D DFD CONVERSION HYDRANT 6' 2DTP 1-1/8" PENT 2-1 3 3/4" DFD DETROIT, 305 5" STORZ RED OL *Nonstock - Restock Policy Applies* Pn: 96106	3840.000/ea	15360.00

This Quotation is expressly conditioned and controlled by Seller?s standard terms and conditions of sale found at www.etnasupply.com/tcsale. All other terms are expressly rejected. To the extent there is a conflict between any of the terms appearing on the face of this Quotation and ETNA's Standard Terms, the terms appearing on the face of the Quotation control.
TAXES ARE NOT INCLUDED ON THIS QUOTE!

Prices are firm for 2 days. Price subject to change after 2 days.

Subtotal	112464.00
S&H Charges	0.00
Amount Due	112464.00

Fraser City Council Agenda Item

SUBJECT TITLE:	Welcome To Fraser Sign	**DATE SUBMITTED:**	6/29/23
PREPARED BY:	Mark Ragsdale	**NEW OR RETURNING:**	New

REQUEST

This agenda request is to purchase a new welcome to Fraser sign for property located at N/W corner of 14 mile and Garfield. Last year the City Council awarded Signs and More the bid to replace all park and welcome to the city signs. Signs and More were able to produce all new park sign that look amazing but were only able to produce one welcome to the city sign. This was since Macomb County would no longer allow the city to install any signs in their right of way. The City Manager and the D.P.W. Superintendent just recently became aware that the city owns a small piece of land on the N/W corner of 14 Mile rd. and Garfield in front of the CVS. Currently, there is a welcome to downtown Fraser sign located there. We would like to replace this sign with a new sign that matches all the other new signs. This would be considered a change order of the current bid that was awarded to Signs and More. We are still working Macomb County to try resolve the issue with the placement of the remaining signs. I am asking the City Council to decide if they want the sign to say The City of Fraser Welcomes You or Welcome to Downtown Fraser. If the Council decides with Welcome to Downtown Fraser, then please choose between option 1 or option 2.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☒Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount: $9,025.00

Account Number(s): 101-770-972.000

Requires Budget Amendment:	☐NO	☒YES - Amount:
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:

Additional Information:

ATTACHMENTS

1. *Quote from Signs and More*
2. *The City of Fraser Welcomes You sign proof from Signs and More*
3. *Welcome to Downtown Fraser sign proofs from Signs and More*

RECOMMENDED MOTION(S)

Fraser City Council Agenda Item

The Superintendent of Public Works recommends that the City Council approves the purchase of new city sign, of the Council's choosing, to replace the current one located at the N/W corner of 14 mile and Garfield from signs and more in the amount of $9,025.00.

Signs & More
1371 Souter Drive
Troy, MI 48083
Ph: (248) 852-0683
FAX: (248) 852-0804
Email: signsandmore@gmail.com
Web: http://signsandmoremi.com

Estimate #: 31462

Created Date:	6/24/2023 4:07:23PM	**Prepared For:**	City of Fraser
Salesperson:	_ Signs & More	**Contact:**	Mark Ragsdale, Public Works Superintende
Email:	signsandmore@gmail.com	**Office Phone:**	(586) 293-2001 x5
Office Phone:	(248) 852-0683		
Office Fax:	(248) 852-0804	**Email:**	dpwsupt@micityoffraser.com
Entered by:	Molly Smith	**Address:**	31250 Kendall Fraser, MI 48026

Description: Reorder: City Entrance and Park Signs

		Quantity	Price	Unit Price	Subtotal
1	**Product:** Miscellaneous	1	$7,450.00	$7,450.00	$7,450.00
	Description: SIGN C - MONUMENT SIGNS QTY X 1 - "Welcome You" Overall size of 10' (w) x 5'(h) x 16"(d) - Synthetic Stucco Monument Sign with Aluminum face - painted city blue color with white and gold graphics applied. 1/8" ACM Painted gold to match for "EST" & "1895" dimensional letters on columns; SINGLE SIDED graphics (so one side will not include the blue face with all graphics and dimensional letters/numbers)				

- **Quantity:** 1
- **Side(s):** Single Sided
- **Product Code:** SMS-MISC.
- **Height:** 60 in **Width:** 120 in
- **Background Color:** MP02098 - Blue Funk **Foreground Color:** MP20354 - Gold Foil Metallic and White Vinyl for "Seal"

		Quantity	Price	Unit Price	Subtotal
2	**Product:** Installation/Removal/Labor/Service	1	$850.00	$850.00	$850.00
	Description: Installation of the Above Listed Sign - remove existing				

- **Quantity:** 1
- **Side(s):** Single Sided
- **Product Code:** SMS-Install.
- **Height:** 0 in **Width:** 0 in
- **Background Color:** Not Assigned **Foreground Color:** Not Assigned **Font:** Not Assigned

		Quantity	Price	Unit Price	Subtotal
3	**Product:** SMS - Shipping	1	$725.00	$725.00	$725.00
	Description: Estimate Shipping Costs from our suppliers				

- **Quantity:** 1
- **Side(s):** Single Sided
- **Product Code:** SMS - Shipping
- **Height:** 0 in **Width:** 0 in
- **Background Color:** Not Assigned **Foreground Color:** Not Assigned **Font:** Not Assigned

Estimate Total:	$9,025.00
Subtotal:	$9,025.00
Total:	$9,025.00
Deposit Required:	$4,512.50

Payment Terms: 50% deposit at time of order. Balance due upon completion of job.

Client Reply Request

☐ **Estimate Accepted "As Is". Please proceed with Order.** ☐ **Other:** _____

☐ **Changes required, please contact me.** **SIGN:** _____ **Date:** / /

Print Date: 6/24/2023 4:07:55PM

Committed To Quality and Service!



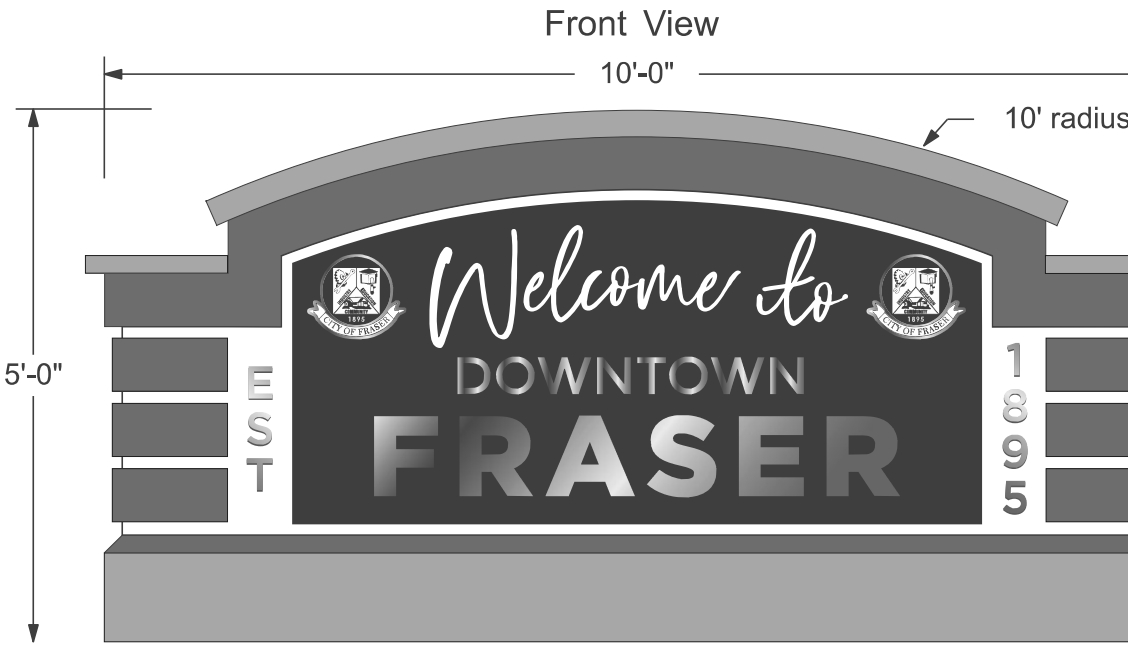
OPTION #2

Front and Back View

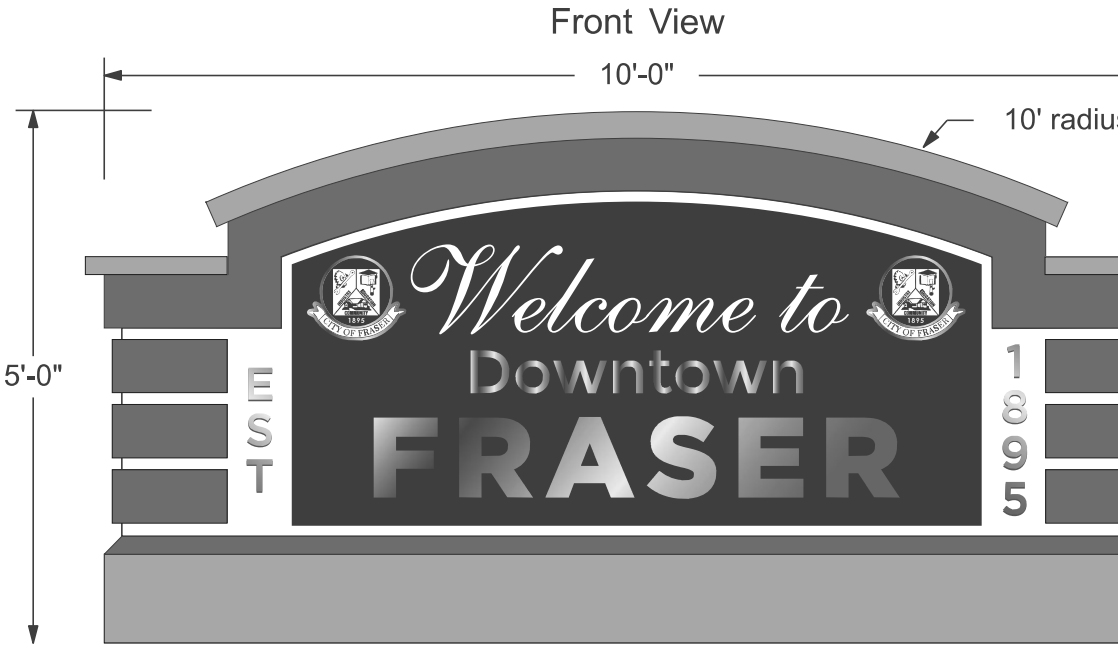


City of Fraser
monument sign proof

OPTION #1



OPTION #2



Fraser City Council Agenda Item

SUBJECT TITLE:	Rate of Pay Election Inspectors	**DATE SUBMITTED:**	06/26/23
PREPARED BY:	Clerk Greenia	**NEW OR RETURNING:**	New

REQUEST

The current rate of pay for the Election Inspectors has been in place since 2019. The responsibilities of our Election Inspectors continue to grow with each election. They are also being asked to deal with a new type of voter. Due to these two (2) reasons, I am requesting an increase in their rates of pay as follows:

Position	Current Rate	Proposed Rate	Difference
Precinct Chair	$200	$225	$25
Precinct Co-Chair	$190	$200	$10
EPB Worker	$150	$175	$25
Election Inspector	$150	$175	$25
AV Counting Board Chair	$325	$325	0
AV Counting Board Co-Chair	$315	$315	0
AV Counting Board Insp.	$250	$250	0
Receiving Board	$135	$135	0
Training	$ 25	$ 25	0

As shown in one of the attached spreadsheets the increase will cost approximately $3,010 additional in a year with three (3) elections. For your reference I have also attached a spreadsheet comparing other communities' pay rates for Election Inspectors.

The recommended increase in pay has been reflected in the adopted FY 23/24 Clerk's Budget.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount:		
Account Number(s):		
Requires Budget Amendment:	☐NO	☐YES - Amount:
Requires Reoccurring Charges:	☐NO	☐YES - Amount:
Requires Travel Expenses:	☐NO	☐YES - Amount:
Offset by Grant Funding:	☐NO	☐YES - Amount:

Additional Information:
ATTACHMENTS
Election Inspector Pay Comparison and Cost to City
RECOMMENDED MOTION(S)
Motion to approve the new rates of pay for Election Inspectors as proposed.

	AVERAGE 17 Hour Day												
			Armada	Bruce	Ray	Lenox	Richmond	Washington	Harrison	Mt.	Utica	Centerline	
	Fraser		TWP.	TWP.	TWP.	TWP.	City	TWP.	TWP.	Clemens			
	current	proposed											
Precinct Chairman	$ 200.00	$ 225.00	$ 254.00	$ 200.00	$ 255.00	$ 181.05	$ 289.00	$ 240.00	$ 200.00	$ 200.00	$ 198.00	$ 250.00	
Precinct Co-Chairman	$ 190.00	$ 200.00	$ 212.00	$ 200.00	$ 187.00	$ 170.00	$ 272.00	$ 210.00	$ 170.00	$ 165.00	$ 187.00	$ 200.00	
EPB Worker	$ 150.00	$ 175.00	$ 170.00	$ 150.00	$ 187.00	$ 170.00	$ 255.00	$ 180.00	$ 140.00	$ 165.00	$ 187.00	$ 170.00	
Election Inspector	$ 150.00	$ 175.00	$ 170.00	$ 150.00	$ 187.00	$ 170.00	$ 255.00	$ 180.00	$ 140.00	$ 165.00	$ 187.00	$ 170.00	
AV Counting Board Chairman	$ 325.00	$ 325.00	dna	$ 200.00				$ 240.00		$ 200.00			
AV Counting Board Co-Chair	$ 315.00	$ 315.00	dna	$ 200.00				$ 195.00		$ 150.00			
AV Counting Board Inspector	$ 250.00	$ 250.00	dna	$ 150.00				$ 170.00		$ 150.00			
								$ 170.00					
Receiving Board			extra $25.00							$ 100.00			
Training	$ 25.00	$ 25.00	$10 hour		Hourly			$ 20.00	$ 20.00	$ 20.00	$ 11.00	$ 15.00	
				$15/20	$12.00 hr	$10/10.65					per hour		
Other				hour	mileage	hour							
	bagels/muffins						Provide	$10 for lunch					
	dinner						Breakfast	dinner for AVCB			donuts	bagels	
	snacks						Lunch				dinner		
							Dinner						
							snacks						
							Drinkd						

| | | |

	PRECINCT 1	PRECINCT 2	PRECINCT 3	PRECINCT 4	PRECINCT 5	PRECINCT 6	PRECINCT 7	AVCB		
August Primary	5	5	6	5	5	$ 6.00	5	7		
proposed	$ 950.00	$ 950.00	$ 1,125.00	$ 950.00	$ 950.00	$ 1,125.00	$ 950.00	$ 1,890.00	$ 8,890.00	$ 8,890.00
current	$ 840.00	$ 840.00	$ 990.00	$ 840.00	$ 840.00	$ 990.00	$ 840.00	$ 1,890.00	$ 8,070.00	$ (8,070.00)
										$ 820.00
November General	6	6	7	6	6	$ 7.00	6	7		
proposed	$ 1,125.00	$ 1,125.00	$ 1,300.00	$ 1,125.00	$ 1,125.00	$ 1,300.00	$ 1,125.00	$ 1,890.00	$ 10,115.00	$ 10,115.00
current	$ 990.00	$ 990.00	$ 1,140.00	$ 990.00	$ 990.00	$ 1,140.00	$ 990.00	$ 1,890.00	$ 9,120.00	$ (9,120.00)
										$ 995.00
Presidential Primary	7	8	8	7	7	$ 8.00	7	8		
proposed	$ 1,300.00	$ 1,475.00	$ 1,475.00	$ 1,300.00	$ 1,300.00	$ 1,475.00	$ 1,300.00	$ 2,140.00	$ 11,765.00	$ 11,765.00
current	$ 1,140.00	$ 1,290.00	$ 1,290.00	$ 1,140.00	$ 1,140.00	$ 1,290.00	$ 1,140.00	$ 2,140.00	$ 10,570.00	$ (10,570.00)
										$ 1,195.00

$	8,890.00
$	10,115.00
$	11,765.00
$	30,770.00
	-27760
$	3,010.00

$	8,070.00
$	9,120.00
$	10,570.00
$	27,760.00

Fraser City Council Agenda Item

SUBJECT TITLE:	Rate of Pay Temporary Election Staff	**DATE SUBMITTED:**	06/26/23
PREPARED BY:	Clerk Greenia	**NEW OR RETURNING:**	New

REQUEST

At the May 11, 2023 Fraser City Council Meeting a motion was made and approved to increase the rate of pay for temporary/seasonal DPW employees to be paid $20 hourly.

Our current rate of pay for temporary election staff is $15 per hour. I have included a spreadsheet showing what like sized communities pay their temporary election staff, as well as some larger sized communities that are nearby in geography to the City of Fraser.

Generally, I try to use only one (1) temporary staff to work elections if possible. They work on an average 20 hours per week. The temporary election staff generally works for seven weeks prior to each election. The increase, if approved, would cost approximately $420 per election.

I am requesting that the rate of pay for temporary election staff be raised from $15 to $18 per hour at this time.

BUDGET IMPACT

☐Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☐Not Applicable

(If sole source, include an additional recommended motion to waive competitive bidding)

Amount:		
Account Number(s):		
Requires Budget Amendment:	☐NO	☐YES - Amount:
Requires Reoccurring Charges:	☐NO	☐YES - Amount:
Requires Travel Expenses:	☐NO	☐YES - Amount:
Offset by Grant Funding:	☐NO	☐YES - Amount:
Additional Information:		

ATTACHMENTS

Election Temporary Staff Pay Comparison

RECOMMENDED MOTION(S)

Motion to approve setting the rate of pay at $18 per hour for temporary election staff.

City/Township Contact	City/Township	2023 Pop.	# Prec.	# Voters	Temps	Hourly Rt	H
elections@ferndalemi.gov	Ferndale	18,905			yes	$ 15.00	
poleym@cityofgrandville.com	Grandville	15,741	6	13,000	yes	$ 17.00	
bmarente@traversecitymi.gov	Traverse City	15,675	7	13,500	yes	$ 20.00	
cmartin@mountclemens.gov	Mount Clemens	15,198	6	12,000	yes	$ 16.00	
vmitchell@berkleymich.net	Berkley	14,928		13,450	yes	$ 18.00	
lfrank@harperwoods.net	Harper Woods	14,927	6	12,444	yes	$ 19.00	
cityclerk@micityoffraser.com	Fraser	14,345	7	11,911	yes	$ 15.00	
sbuffa@cityofwarren.org	Warren	138,130	52		yes	$ 19.00	
mryska@sterling-heights.net	Sterling Heights	133,269	43	100,000	yes	$ 17.00	
geremeszm@washingtontwp.org	Washington Twp.	28,478	12	23,460		$ 18.00	
geremeszm@washingtontwp.org	Clinton Township	100,513	42	80,026	yes	$ 22.00	
CareyE3@macomb-mi.gov	Macomb Township	91,633	35	70,000	yes	$ 15.00	
knorberg@chesterfieldtwp.org	Chesterfield Township	45,376	19	37,144	yes	$ 18.00	
palevichm@alpenatownship.com	Alpena Township	11,357	5	7,300	yes	$ 15.00	

Fraser City Council Agenda Item

SUBJECT TITLE:	Request to Purchase 2 Public Safety Vehicles FY 22 23	**DATE SUBMITTED:**	June 29, 2023
PREPARED BY:	Director Samantha Kretzschmar	**NEW OR RETURNING:**	Returning

REQUEST

Requesting to readdress the 2 back ordered Ford Explorers (which have been cancelled by Ford) and purchase 2 Chevrolet Tahoe's

BUDGET IMPACT

☒Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☐Not Applicable

Quotes are from MI Deal

Amount: To be determined (Still awaiting final quote)

Account Number(s):

Requires Budget Amendment:	☐NO	☒YES - Amount: $7,000
Requires Reoccurring Charges:	☒NO	☐YES - Amount:
Requires Travel Expenses:	☒NO	☐YES - Amount:
Offset by Grant Funding:	☒NO	☐YES - Amount:

Additional Information:

ATTACHMENTS

NARRATIVE FOR DPS VEHICLE PURCHASE FY 22 23

QUOTE TO OUTFIT PUBLIC SAFETY VEHICLES

EMAIL EXCHANGE REGARDING PURCHASE OF TAHOES

RECOMMENDED MOTION(S)

City of Fraser
Department of Public Safety
Police-Fire-Ambulance
33000 Garfield Fraser, Michigan 48026
(586) 293-2000 Fax (586) 296-8480

July 5, 2023

To: Elaine Leven, City Manager

Re: Request for Council Approval-Patrol Car Purchase

City Manager Leven,

Last summer, the Department of Public Safety requested, and were granted, the purchase of two (2) patrol vehicles, that being 2022 model Ford Explorer's (2022-2023 budget year). As the fall approached, we were advised that the order had been cancelled by Ford as they were no longer honoring those purchases. We were told that we could order the same vehicle, police package Explorer's but in the 2023 model year. The purchase of those vehicles was higher than the previous quote so a budget amendment in the amount of $13,146 was approved by Council and the order placed again.

We were informed this past spring that the vehicles would not be in in time for the 2022-2023 budget year since Ford was running behind and you advised the Council of that information. Last week, we were informed (when we called for an update) that Ford had yet again cancelled our order of the two vehicles as they had oversold 6,000 police package Ford Explorer's.

Since Ford does not appear to be a viable option, our department has looked into the MiDeal price for Chevy Tahoe's. Chevy Tahoe's are also very widely used as police package vehicles and are very reliable, and were previously a consideration for us. The estimated cost for these vehicles are $43,000 per vehicle. The cost for outfitting these SUV's is an additional $20,314.84. We are still awaiting the cost on graphics (which I should have tomorrow, July 6, 2023). The total cost per vehicle should not exceed $65,000. This is an increase of about $3,500 per vehicle ($7,000 for both) before outfitting.

The vehicles we are looking to replace have significant mileage and are 7 years old. We have not replaced any patrol vehicles in the last 4 years. It is anticipated that we will be able to take delivery at some point this summer so that work can begin on outfitting for use.

Feel free to contact me with any questions you may have.

Sincerely,

_____

Samantha Kretzschmar
Director of Public Safety
City of Fraser
(586) 293-2000 ext. 200

City of Fraser
Department of Public Safety

Police-Fire-Ambulance
33000 Garfield Fraser, Michigan 48026
(586) 293-2000 Fax (586) 296-8480

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 1

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

SHIP TO:

PHONE: 586-445-5425

CONTACT:

TERMS F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10	K ENGBLOM	KE		
YOUR INQUIRY	MAKE	MODEL	YEAR	EST SHIP DATE
	CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

Furnish and install the following equipment into a
2023 Chevy Tahoe

Westin
1 Center Section Push Bumper
1 Pit-Bar / Fender Wrap
1 Headlight Guard / Wing Wrap
*Includes two front facing Whelen IONs Red and Blue
-Blue on driver side, red on passenger side
*Includes two side facing Whelen V-Series IONs Red and Blue
-Red on driver side, blue on passenger side
$2,356.47

WHELEN
1 100 WATT LOW PROFILE SPEAKER
1 SPEAKER BRACKET (FREE W/SPEAKER)
$205.00

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 2

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

SHIP TO:

PHONE: 586-445-5425

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

Whelen Siren/Lighting Core Package
1 54 Inch Legacy DUO WECANX Series Lightbar
1 C399 CenCom Core WCX Control Center
1 CCTL6 WCX Control Head
1 C399K4 OBDII CanPrt Cable Kit
1 Vehicle to Vehicle Sync
1 100 Watt Siren Speaker (Mount to push bumper)
1 SAK9 Siren speaker Bracket
*Lightbar Red/Blue DUO with White Override
*Includes Vehicle Specific Strap Kit
$3,812.55

Panorama
1 Multi Band Antenna with 800Mhz
$422.79

Whelen
4 DUO ION Series Red/Blue LEDs
*One mounted in each rear side window

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 3

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

PHONE: 586-445-5425

SHIP TO:

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

*Two mounted above the license plate
$453.92

CANFIELD
1 USB CARD READER
$82.44

Whelen
2 T-Series DUO Red Blue LEDs
$271.44

pro-Gard
1 Single Compartment, Pro-Cell, 1/2 Partition OBS
$3,093.30

Havis
1 Rear Equipment/Electronic Box
*Mounted on the cargo partition
$855.00

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 4

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

PHONE: 586-445-5425

SHIP TO:

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

Havis
1 Vehicle Specific Center Console
1 Center Console Printer Mount
1 Dual Cup-Holders
1 Adjustable Arm-Rest
2 Magnetic Mic Clips
$1,068.04

Havis
1 Dell Docking Station DS-DELL-422
1 Motion Device Dock Mount
1 Side Mount Adjustable Pole
$1,528.12

Canfield
6 4 Inch Silo LEDs White / Red DUO
*3 mounted on the tailgate
-wired to switch on D-Pillar

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 5

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

SHIP TO:

PHONE:

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

*2 mounted on headliner above back seat
-wired to CoreX
*1 mounted on headliner between the front seats
-wired to CoreX
$244.06

Canfield
1 Labor for Installation
1 Shop Supplies / Power Distributiont
$4,881.71

Canfield
1 Labor for Removal
Remove all equipment from the retired vehicle
$1,040.00

This quotation may be withdrawn by us if order is not placed within 30 days. Please refer to the above quotation number when placing order.

Customer PO_____ Dealer Code_____
Authorized Signature_____

EST	SUB TOTAL	20,314.84
EST	SALES TAX	0.00
	EST TOTAL	20,314.84

From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Wednesday, July 5, 2023 1:05 PM
To: Samantha Kretzschmar <kretzschmars@fraserdps.com>
Cc: D. Bisby <bisbyd@fraserdps.com>
Subject: PPV TAHOE

Good afternoon,

Attached is my communication with Dale Kramer from Berger Chevrolet. He is still out of the office today, but he is hoping to have something with prices for us tomorrow. It sounds like he is ballparking around $43,000 each, but will provide a more official price in his follow-up. I will forward any information to you as soon as I receive it.

Respectfully,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Wednesday, July 5, 2023 12:56 PM
To: Dale Kramer <dkramer@bergerchevy.com>
Subject: Re: [External] PPV TAHOE

Good afternoon,

I am hoping we can get a quote for the purchase of four Chevrolet Tahoes PPV, 4 wheel drive with dual spotlights. If you don't have four black, then we will explore the purchase of four white or taking what you have now in black and attempting to order more. This is time sensitive as we will need the quotes as soon as possible for presentation to our City Council for purchase. Please contact me at (586) 295-4407 if you require any additional information. Enjoy the rest of your long weekend!

Thanks in advance,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Friday, June 30, 2023 7:15 AM
To: Dale Kramer <dkramer@bergerchevy.com>
Subject: Re: [External] PPV TAHOE

Good morning sir-

Thank you for providing the information about the leasing option. I spoke to Clinton Twp Police Department yesterday for some advice as they have purchased several Tahoes from your dealership over the past year. I am hoping we can get a quote for the purchase of four Chevrolet Tahoes, 4 wheel drive with dual spotlights. If you don't have four black, then we will explore the purchase of four white or taking what you have now in black and attempting to order more.

Thanks in advance,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: Dale Kramer <dkramer@bergerchevy.com>
Sent: Thursday, June 29, 2023 11:23 AM
To: J. Gillies <Gilliesj@fraserdps.com>
Cc: Dusten Sorensen <dsorensen@bergerchevy.com>
Subject: RE: [External] PPV TAHOE

Here is some basic muni lease information Commercial Vehicle Financing | Business Auto Finance | Ally

I used a base price of $42125 per patrol unit- this gives a little room for some dealer installed equipment.
This should be a good starting point for your team.
Vehicle spec is a typical PPV not necessarily the one that would fit the lease example, just something to get you an idea of equipment.
It will have drivers side spot -

Hope this helps
Regards,
Dale
Dale Kramer
Berger Chevrolet
Fleet & Medium Duty Commercial Manager
Main 616-949-5200
Direct 616-575-9627

Mobile 616-340-2680
Fax 616-988-9178
www.bergerchevy.com

Like us on Facebook https://www.facebook.com/bergerfleet
<image001.jpg>

"No man stands so tall as when he stoops to help a child."

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From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Thursday, June 29, 2023 10:29 AM
To: Dale Kramer <dkramer@bergerchevy.com>
Subject: Re: [External] PPV TAHOE

Good morning,

Several months ago I reached out to you regarding Chevrolet Tahoe patrol vehicles. We were not in a position to order vehicles at the time, but entering the new fiscal year we are again seeking information on Tahoes. Any information you are able to provide would be greatly appreciated (units in stock, ordering options & prices). I can be reached by phone if there is additional information you would like to provide.

Thanks in advance,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: Dale Kramer <dkramer@bergerchevy.com>
Sent: Friday, October 21, 2022 3:45 PM
To: J. Gillies <Gilliesj@fraserdps.com>
Subject: PPV TAHOE

Please find attached specs and a quote- There is very limited availability if you are going to purchase and waiting on a formal PO, send an email with a signed quote sheet and indicate how many of each unit stating that a purchase order is pending.

Regards,
Dale

Dale Kramer
Berger Chevrolet
Fleet & Medium Duty Commercial Manager
Main 616-949-5200
Direct 616-575-9627
Mobile 616-340-2680
Fax 616-988-9178
www.bergerchevy.com

Like us on Facebook https://www.facebook.com/bergerfleet
<image001.jpg>

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Fraser City Council Agenda Item

SUBJECT TITLE:	Request to Purchase 2 Public Safety Vehicles FY 23 24	**DATE SUBMITTED:**	June 29, 2023
PREPARED BY:	Director Samantha Kretzschmar	**NEW OR RETURNING:**	New

REQUEST

Request to purchase two (2) Chevy Tahoe's as tentatively approved in the 2023/2024 budget year.

BUDGET IMPACT

☒Obtained Quotes ☐Solicited Bids thru RFP ☐Sole Source ☐Not Applicable

Quotes are from MI Deal

Amount: To be determined (Still awaiting final quote)

Account Number(s):

Requires Budget Amendment: ☒NO ☐YES - Amount:

Requires Reoccurring Charges: ☒NO ☐YES - Amount:

Requires Travel Expenses: ☒NO ☐YES - Amount:

Offset by Grant Funding: ☒NO ☐YES - Amount:

Additional Information:

ATTACHMENTS

NARRATIVE FOR DPS VEHICLE PURCHASE FY 23 24

QUOTE TO OUTFIT PUBLIC SAFETY VEHICLES

EMAIL EXCHANGE REGARDING PURCHASE OF TAHOES

RECOMMENDED MOTION(S)

City of Fraser
Department of Public Safety
Police-Fire-Ambulance
33000 Garfield Fraser, Michigan 48026
(586) 293-2000 Fax (586) 296-8480

June 5, 2023

To: Elaine Leven

Re: Request for Council Approval-Patrol Car Purchase

City Manager Leven,

Last year, the Public Safety Department was given approval to purchase two (2) Ford Explorers to replace aging vehicles in the fleet. Twice since placing that order last summer, Ford has cancelled the orders. Once citing they were only taking 2023 model year vehicle orders, adding that there was a price increase, and the second time to say that no vehicles would be coming at all because they oversold.

Public Safety was tentatively granted approval, 2023/2024 FY, to purchase two additional patrol vehicles. Again, to replace high mileage, older cars. Since the Ford Motor Company has not been able to make good on our previous orders, we have researched buying Chevrolet Tahoe's. The Tahoe's are known to be very reliable and are widely accepted and used as law enforcement patrol SUV's.

The MiDeal quote from Berger Chevrolet's Dale Kramer is about $43,000 per vehicle. The cost to outfit each SUV is $20,314.84. There will also be a cost to put graphics on the cars. The price to purchase and outfit each car should not exceed $65,000, or $130,000 total. It is anticipated that these vehicles will be available in a timely fashion once we are able to place the orders.

I've included emails regarding the expected purchase price as well as the outfitting cost sheets. Please do not hesitate to ask any questions regarding this request.

Sincerely,

_____

Samantha Kretzschmar
Director of Public Safety
City of Fraser
(586) 293-2000 ext. 200

City of Fraser
Department of Public Safety

Police-Fire-Ambulance
33000 Garfield Fraser, Michigan 48026
(586) 293-2000 Fax (586) 296-8480

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 1

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

SHIP TO:

PHONE: 586-445-5425

CONTACT:

TERMS F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10	K ENGBLOM	KE		
YOUR INQUIRY	MAKE	MODEL	YEAR	EST SHIP DATE
	CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

Furnish and install the following equipment into a
2023 Chevy Tahoe

Westin
1 Center Section Push Bumper
1 Pit-Bar / Fender Wrap
1 Headlight Guard / Wing Wrap
*Includes two front facing Whelen IONs Red and Blue
-Blue on driver side, red on passenger side
*Includes two side facing Whelen V-Series IONs Red and Blue
-Red on driver side, blue on passenger side
$2,356.47

WHELEN
1 100 WATT LOW PROFILE SPEAKER
1 SPEAKER BRACKET (FREE W/SPEAKER)
$205.00

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 2

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

SHIP TO:

PHONE: 586-445-5425

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

Whelen Siren/Lighting Core Package
1 54 Inch Legacy DUO WECANX Series Lightbar
1 C399 CenCom Core WCX Control Center
1 CCTL6 WCX Control Head
1 C399K4 OBDII CanPrt Cable Kit
1 Vehicle to Vehicle Sync
1 100 Watt Siren Speaker (Mount to push bumper)
1 SAK9 Siren speaker Bracket
*Lightbar Red/Blue DUO with White Override
*Includes Vehicle Specific Strap Kit
$3,812.55

Panorama
1 Multi Band Antenna with 800Mhz
$422.79

Whelen
4 DUO ION Series Red/Blue LEDs
*One mounted in each rear side window

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 3

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

PHONE: 586-445-5425

SHIP TO:

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

*Two mounted above the license plate
$453.92

CANFIELD
1 USB CARD READER
$82.44

Whelen
2 T-Series DUO Red Blue LEDs
$271.44

pro-Gard
1 Single Compartment, Pro-Cell, 1/2 Partition OBS
$3,093.30

Havis
1 Rear Equipment/Electronic Box
*Mounted on the cargo partition
$855.00

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 4

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

PHONE: 586-445-5425

SHIP TO:

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

Havis
1 Vehicle Specific Center Console
1 Center Console Printer Mount
1 Dual Cup-Holders
1 Adjustable Arm-Rest
2 Magnetic Mic Clips
$1,068.04

Havis
1 Dell Docking Station DS-DELL-422
1 Motion Device Dock Mount
1 Side Mount Adjustable Pole
$1,528.12

Canfield
6 4 Inch Silo LEDs White / Red DUO
*3 mounted on the tailgate
-wired to switch on D-Pillar

*** CONTINUED NEXT PAGE ***

CANFIELD
EQUIPMENT
SERVICE, INC.

21533 Mound Road, Warren, MI 48091
Phone: 586.757.2020 Fax: 586.757.2294

QUOTATION 5

QUOTE NO.	158509
DATE	07/ 5/23
EXPIRES	03/18/23

SUBMITTED TO 17685

SHIP TO:

PHONE:

CONTACT:

TERMS	F.O.B	SALES REP	WRITTEN BY	POOL NO.	TAG
N10		K ENGBLOM	KE		
YOUR INQUIRY		MAKE	MODEL	YEAR	EST SHIP DATE
		CHEV	TAHOE	2023	

We hereby submit our quotation, subject to all terms and conditions as set forth below or on attached sheets.

*2 mounted on headliner above back seat
-wired to CoreX
*1 mounted on headliner between the front seats
-wired to CoreX
$244.06

Canfield
1 Labor for Installation
1 Shop Supplies / Power Distributiont
$4,881.71

Canfield
1 Labor for Removal
Remove all equipment from the retired vehicle
$1,040.00

This quotation may be withdrawn by us if order is not placed within 30 days. Please refer to the above quotation number when placing order.

Customer PO_____ Dealer Code_____
Authorized Signature_____

EST	SUB TOTAL	20,314.84
EST	SALES TAX	0.00
	EST TOTAL	20,314.84

From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Wednesday, July 5, 2023 1:05 PM
To: Samantha Kretzschmar <kretzschmars@fraserdps.com>
Cc: D. Bisby <bisbyd@fraserdps.com>
Subject: PPV TAHOE

Good afternoon,

Attached is my communication with Dale Kramer from Berger Chevrolet. He is still out of the office today, but he is hoping to have something with prices for us tomorrow. It sounds like he is ballparking around $43,000 each, but will provide a more official price in his follow-up. I will forward any information to you as soon as I receive it.

Respectfully,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Wednesday, July 5, 2023 12:56 PM
To: Dale Kramer <dkramer@bergerchevy.com>
Subject: Re: [External] PPV TAHOE

Good afternoon,

I am hoping we can get a quote for the purchase of four Chevrolet Tahoes PPV, 4 wheel drive with dual spotlights. If you don't have four black, then we will explore the purchase of four white or taking what you have now in black and attempting to order more. This is time sensitive as we will need the quotes as soon as possible for presentation to our City Council for purchase. Please contact me at (586) 295-4407 if you require any additional information. Enjoy the rest of your long weekend!

Thanks in advance,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Friday, June 30, 2023 7:15 AM
To: Dale Kramer <dkramer@bergerchevy.com>
Subject: Re: [External] PPV TAHOE

Good morning sir-

Thank you for providing the information about the leasing option. I spoke to Clinton Twp Police Department yesterday for some advice as they have purchased several Tahoes from your dealership over the past year. I am hoping we can get a quote for the purchase of four Chevrolet Tahoes, 4 wheel drive with dual spotlights. If you don't have four black, then we will explore the purchase of four white or taking what you have now in black and attempting to order more.

Thanks in advance,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: Dale Kramer <dkramer@bergerchevy.com>
Sent: Thursday, June 29, 2023 11:23 AM
To: J. Gillies <Gilliesj@fraserdps.com>
Cc: Dusten Sorensen <dsorensen@bergerchevy.com>
Subject: RE: [External] PPV TAHOE

Here is some basic muni lease information Commercial Vehicle Financing | Business Auto Finance | Ally

I used a base price of $42125 per patrol unit- this gives a little room for some dealer installed equipment.
This should be a good starting point for your team.
Vehicle spec is a typical PPV not necessarily the one that would fit the lease example, just something to get you an idea of equipment.
It will have drivers side spot -

Hope this helps
Regards,
Dale
Dale Kramer
Berger Chevrolet
Fleet & Medium Duty Commercial Manager
Main 616-949-5200
Direct 616-575-9627

Mobile 616-340-2680
Fax 616-988-9178
www.bergerchevy.com

Like us on Facebook https://www.facebook.com/bergerfleet
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"No man stands so tall as when he stoops to help a child."

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From: J. Gillies <Gilliesj@fraserdps.com>
Sent: Thursday, June 29, 2023 10:29 AM
To: Dale Kramer <dkramer@bergerchevy.com>
Subject: Re: [External] PPV TAHOE

Good morning,

Several months ago I reached out to you regarding Chevrolet Tahoe patrol vehicles. We were not in a position to order vehicles at the time, but entering the new fiscal year we are again seeking information on Tahoes. Any information you are able to provide would be greatly appreciated (units in stock, ordering options & prices). I can be reached by phone if there is additional information you would like to provide.

Thanks in advance,

Captain John Gillies
Fraser Department of Public Safety
33000 Garfield
Fraser, MI 48026
(586) 293 2000 ext. 201

From: Dale Kramer <dkramer@bergerchevy.com>
Sent: Friday, October 21, 2022 3:45 PM
To: J. Gillies <Gilliesj@fraserdps.com>
Subject: PPV TAHOE

Please find attached specs and a quote- There is very limited availability if you are going to purchase and waiting on a formal PO, send an email with a signed quote sheet and indicate how many of each unit stating that a purchase order is pending.

Regards,
Dale

Dale Kramer
Berger Chevrolet
Fleet & Medium Duty Commercial Manager
Main 616-949-5200
Direct 616-575-9627
Mobile 616-340-2680
Fax 616-988-9178
www.bergerchevy.com

Like us on Facebook https://www.facebook.com/bergerfleet
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