



TOWN OF APPLE VALLEY

TOWN COUNCIL STAFF REPORT

To: Honorable Mayor and Town Council **Date:** June 23, 2015
From: Dennis Cron, Assistant Town Manager **Item No:** 6
Subject: AUTHORIZE THE ASSISTANT TOWN MANAGER OF MUNICIPAL OPERATIONS TO PURCHASE A ROUGH MOWER FOR THE APPLE VALLEY GOLF COURSE

T.M. Approval: _____ **Budgeted Item:** Yes No N/A

RECOMMENDED ACTION:

Accept the CMAS price quote/bid of \$65,439.99 from Turfstar for a new John Deere (JD) 4500D, CARB Tier 4, Rough Mower and authorize the Assistant Town Manager of Municipal Operations to place the order to purchase the mower for use at the Apple Valley Golf Course (AVGC).

SUMMARY:

AVGC needs a new rough mower. For approximately a year, the Town has used its own well-worn JD 4500D rough mower, in addition to a much newer JD 4500D rough-mower, leased on a temporary basis from Sierra Golf Management (SGM) at a monthly lease rate of \$650.00 per month, for use at AVGC. SGM notified the Town of the need to return their mower to its original course and for the Town to acquire a new mower of its own for use at AVGC, whether by purchase or lease. Staff proposes purchase of a new JD 4500D, tier-4 CARB compliant mower for the Golf Course. The rough mower operates (with exception to down time for service and maintenance) eight (8) hours per day, seven (7) days per week during the grow season.

BACKGROUND:

The Town assumed operational control of AVGC on December 10, 2008. Since that date, the Town has made no capital purchases for Golf Course turf maintenance equipment for AVGC. Turf maintenance equipment used at AVGC today, is the very same equipment the Town assumed ownership of 2008. The existing JD 4500 rough mower has been repaired over and over, it has served the Town beyond any reasonable life expectancy and is in need of replacement. In addition to being essentially worn out, it is no longer considered a CARB compliant machine. As such, any major engine issue will render the unit un-repairable and unusable. The time has come to stop putting repair and maintenance resources into this machine. Staff requested a price quote from Turfstar (authorized JD dealer in California) for a new JD 4500D, T-4, CARB compliant mower for AVGC. The price quote for this new mower unit is \$65,439.99 (see attached quote). This capital purchase was included and anticipated in the Golf Course 2015-16 budget authorization request. Staff recommends that Council authorize staff to proceed with purchasing this new mower.

FISCAL IMPACT:

This purchase is budgeted in the FY 15-16 golf course budget.

ATTACHMENT:

Quote from Turf Star



Date: June 12, 2015

Quotation for Town of Apple Valley-Apple Valley Cc

Quote No:3275699-00

Prepared For: Dennis Cron

Quote No: 3275699-00

Town of Apple Valley-Apple Valley Cc
 14955 Dale Evans Parkway
 AppleValley, CA 92307

iQuote No: 1911502

Sales Person: Matt Butler
 mbutler@turfstar.com
 (714) 256-5211

CMAS Pricing

CMAS CONTRACT# 4-07-51-0020A (mowers & grounds equipment)
 CMAS CONTRACT# 4-07-78-0036A (vehicles)

Local agencies pay ZERO

State Agencies pay an administrative fee of 1.39% , billed direct by the Department of General Services

Equipment Summary with Payment Comparison

Configuration Name	Qty	Unit Price	Terms		Finance		Mo. Pmt.	
			Opt 1	Opt 2	Option 1	Option 2	Option 1	Option 2
010-Groundsmaster 4500-D T4 Compliant Diesel 54HP	1	\$65,439.99	60-CSC	60-FMV	\$65,439.99	\$60,592.59	\$1,194.93	\$1,042.80
Totals:					\$65,439.99	\$60,592.59	\$1,194.93	\$1,042.80

Unit Price reflects State and Local Taxes if one of your finance options includes taxes



Date: June 12, 2015

Quote No:3275699-00

Quotation for Town of Apple Valley-Apple Valley Cc

Lease Comparison Configuration Details

010-Groundsmaster 4500-D T4 Compliant Diesel 54HP

Model	Product Description	Qty	Unit Price w/ Tax	Sales Tax	Terms Opt 1	Finance Option 1	Mo. Pmt. Option 1	Terms Opt 2	Finance Option 2	Mo. Pmt. Option 2
30881	Groundsmaster 4500-D T4 Compliant Diesel 54HP	1	\$65,439.99	\$4,847.40	60-CSC	\$65,439.99	\$1,194.93	60-FMV	\$60,592.59	\$1,042.80
Totals:						\$65,439.99	\$1,194.93		\$60,592.59	\$1,042.80



Date: June 12, 2015

Quote No:3275699-00

Quotation for Town of Apple Valley-Apple Valley Cc

Lease Terms and Conditions

Documentation fee of \$250 applies and is only charged ONE time. First monthly payment is due in advance. All rates and terms are subject to Finance Company approval. Rates and payments are subject to change.

End of Lease Options:

CSC Conditional Sales Contract

Purchase equipment for \$1 at end of contract

FMV Fair Market Value

Quoted Monthly payments do **not** reflect state and local sales tax. Monthly Payments are subject to current state and local taxes.

You may return equipment, extend the lease, or purchase the equipment at fair market value. Standard return conditions apply, hourly excess usage charge and condition rider charges apply.

Standard Terms and Conditions

Prices, including all finance options, are valid for 30 days from date of quotation. Open Account Terms are N30, subject to credit approval. Used and demo equipment is in high demand and availability is subject to change. Delivery is FOB Destination, unless otherwise stated

TORO.**Count on it.**

Groundsmaster® 4500-D/4700-D

F E A T U R E S

- 55 hp Yanmar® engine, Tier 4 Final compliant, turbo-diesel engine
- Patented Contour™ Plus rotary cutting units for virtually no scalping
- Full-length striping rear rollers
- 9' and 12.5' width of cut
- 6.5" cutting unit overlap to eliminate streaking
- Smart Power™ – optimized mowing in all conditions
- SmartCool™ system with auto reversing cooling fan
- 4-Way Adjustable Seat and Air Ride Suspension
- Integrated ControlHub™ with fingertip electronic controls
- Mini InfoCenter™ displays simple operating info while monitoring machine health
- Full-time, bi-directional 4WD
- 4-wheel drive traction assist (optional)
- Reliable planetary gear wheel drive system

More production, same extraordinary cut.

The Groundsmaster® 4500-D and 4700-D continue to provide the clean quality of cut of a reel mower but with the maintenance ease of a rotary. Toro's exclusive new SmartCool™ system keeps your machine on the job and moving forward. Before things get too hot, SmartCool briefly reverses the cooling fan to blast chaff and debris from the intake screens. Smart? You know it. Cool? Definitely!

With a 55 hp turbo-diesel under the hood and the new Smart Power™ technology that maximizes power to the Contour™ Plus cutting decks, the Groundsmaster 4500-D and 4700-D are an unprecedented blend of powerful productivity and refined results.



Groundsmaster 4500-D
(30881)

Groundsmaster 4700-D
(30882)

**SMART POWER**

©2013 The Toro Company
8111 Lyndale Ave. S.
Bloomington, MN 55420-1196
Rev. 2/13

Call your Toro distributor at 1-800-803-8676

Groundsmaster® 4500-D/4700-D Specifications*



	GROUNDMASTER 4500-D, TIER 4 DIESEL, MODEL 30881	GROUNDMASTER 4700-D, TIER 4 DIESEL, MODEL 30882	
4 TIER ENGINE	Yanmar® 4-cylinder liquid-cooled, turbo-charged diesel. Power: 55 hp (41.1 kW) gross power at rated speed of 2700 rpm. Torque peak: 125 ft-lbs (169 Nm) @ 2000 rpm. Displacement: 127 cu. in. (2.1 liters). EPA Tier IV Final Compliant.		
AIR CLEANER	Dry, replaceable primary and safety elements.		
RADIATOR	Rear-mount, single pass, 7-row, 6.3 fins per inch, 13 quart (12.3 liters) capacity.		
FUEL CAPACITY	22 gallons (83 liters) diesel fuel.		
TRACTION DRIVE	Parallel hydrostatic, closed loop system with full-time 4WD (2WD in transport) forward/reverse in low (mow) and high (transport) range with optional full-time, automatic traction (forward only) (Model 30876). Variable displacement piston pump with electronic servo control powers dual speed displacement piston motor drive into double reduction planetary in front, and mechanical axle in rear. Smart Power™ feature controls traction speed to maintain optimal cutting blade speed.		
HYDRAULICS/COOLING	8.25 gallon (31.3 liter) capacity with 10 micron remote spin-on filter, 9 row single pass cooler with tilt out for cleaning. Variable speed hydraulic fan drive with automatic (based on coolant and oil temps) and manual reversing capabilities.		
DIAGNOSTICS	Diagnostics pressure test ports: forward and reverse traction, deck circuit 1 & 2, reverse 4WD, lift, steering, traction charge, and counter balance.		
GROUND SPEED	Transport: 0-13 mph (0-21 km/h) forward, 0-6.2 mph (0-10 km/h) reverse. Mow: 0-7 mph (0-11.3 km/h) forward, 0-3.5 mph (0-5.6 km/h) reverse.		
TIRES	Front: 29 x 14-15, 6-ply ultra-trac tread. Rear: 20 x 10-10, 4-ply multi-trac tread.		
MAIN FRAME	All welded formed-steel frame with integral tie-down anchors.		
BRAKES	Mechanically actuated, internal wet disc brakes on input to each planetary drive. Individual foot-operated steering brake control of left and right wheel. Lock pedals together and latch to engage parking brake.		
SEAT	Premium seat with adjustments for operator weight via air ride suspension, seat fore/aft position, seat back angle, arm rest height and retractable seat belt.		
STEERING	Power steering with dedicated power source, tilt steering.		
INSTRUMENTATION	Mini InfoCenter™ System: Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temperature, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, and voltage.		
CONTROLS	Ignition switch, throttle switch, mow/transport range selection switch, PTO switch, light switch. Foot-operated traction pedal, individual foot-operated steering brake control of left and right wheels with parking brake lock. One 2-position switch (GM 4500-D). Three 2-position switches (GM 4700-D).		
ELECTRICAL	12-volt, 650 cold cranking amps battery, 40 amp alternator. Overload protection with automotive type fuses.		
INTERLOCKS	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. Mowing only permitted in low range. Engine stops if parking brake engaged and traction pedal not in neutral.		
OPERATOR AREA	Beverage holder, radio holder, 12-volt power point, storage box (tools, jackets, golf balls, etc.), seatbelt.		
WORK LIGHT	Standard.		
ROPS	2-post standard.		
DIMENSIONS W/ CUTTING UNITS		GM 4500-D	GM 4700-D
	Overall length w/decks down	145.8" (370 cm)	145.8" (370 cm)
	Overall width, lowered/raised	112.8" (286 cm)/88.3" (224 cm)	153.8" (391 cm)/88.3" (224 cm)
	Height w/2-post ROPS	85" (216 cm)	85" (216 cm)
	Wheelbase	67.5" (172 cm)	67.5" (172 cm)
	Track Width, front/rear	88.3" (224 cm)/55.5" (141 cm)	88.3" (224 cm)/55.5" (141 cm)
	Ground clearance	6" (15.3 cm)	6" (15.3 cm)
WEIGHT	4400 lbs. (1995 kg) - with full fluids.	4950 lbs. (2245 kg) - with full fluids.	
SAFETY	Complies with American National Standards Institute (ANSI B71.4-2004) and applicable CE (machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements.		
WARRANTY	Two-year limited. (Model 30876)		
ACCESSORIES	Atomic mulching blades (107-0235-03), universal sunshade (30349), operator fan kit (110-8804), 4WD flow divider kit (30871), rear roller scraper kit, 2 post ROPS extension, windscreen, 90 amp alternator kit (115-8473), mulching kit (30836).		
	CUTTING UNITS		
TYPE	Five Contour™ Plus 27" (68.6 cm), rear-discharge rotary cutting units w/rear rollers.	Seven Contour™ Plus 27" (68.6 cm), rear-discharge rotary cutting units w/rear rollers.	
WIDTH OF CUT	109" (277 cm), overlap 6.5" (16.5 cm), overhang 10.4" (26.4 cm).	Overall: 150" (381 cm), 109" (277 cm) with deck 6 and 7 raised. Overlap 6.5" (16.5 cm), overhang 30.9" (78.4 cm).	
HEIGHT OF CUT	.75"-4" (1.9-10.2 cm) in .25" (.6 cm) increments.		
CONSTRUCTION	10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels.		
SPINDLE ASSEMBLY	Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 1.25" (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade retainer plus anti-scalp cups.		
GROUND FOLLOWING	6" (15.3 cm) anti-scalp cups on each blade. On each deck: two 5" (12.7 cm) diameter front rollers, one 3" (7.6 cm) diameter rear roller.		
BLADES	27" (68.6 cm) long, 2.5" (6.4 cm) wide, .25" (.64 cm) thick. Standard combo blade optional Atomic Blade for leaf mulching.		
WING PROTECTION	Groundsmaster 4700-D has an impact absorption device on wing decks 6 and 7.		

*Specifications and design subject to change without notice.

**Dependent on operator and turf conditions, assumes 85% efficiency for overlaps and turns. Certification complies with ANSI B71.4-1999 and applicable CE directives.

Warranty: Two-year limited warranty. Refer to operator's manual for further details.