

**City of Fayetteville Staff Review Form**

**2022-0231**

**Legistar File ID**

**4/5/2022**

City Council Meeting Date - Agenda Item Only

N/A for Non-Agenda Item

Sara Combs

3/9/2022

FLEET OPERATIONS (770)

**Submitted By**

**Submitted Date**

**Division / Department**

**Action Recommendation:**

A resolution to approve the purchase of an ABI Force Machine available for \$42,388.63 through ABI Attachments of Indiana and to approve a bid waiver.

**Budget Impact:**

9700.770.1920-5802.00

Shop

Account Number

Fund

02083.2019

Tractors and Mowers

Project Number

Project Title

**Budgeted Item?** Yes

Current Budget \$ 208,906.00

Funds Obligated \$ 40,963.32

Current Balance **\$ 167,942.68**

**Does item have a cost?** Yes

Item Cost \$ 42,388.63

**Budget Adjustment Attached?** No

Budget Adjustment

Remaining Budget **\$ 125,554.05**

V20210527

**Purchase Order Number:** \_\_\_\_\_

**Previous Ordinance or Resolution #** \_\_\_\_\_

**Change Order Number:** \_\_\_\_\_

**Approval Date:** \_\_\_\_\_

**Original Contract Number:** \_\_\_\_\_

**Comments:**



**MEETING OF APRIL 5, 2022**

**TO:** Mayor and City Council

**THRU:** Terry Gulley, Public Works Assistant Director

**FROM:** Sara Combs, Fleet Operations Superintendent

**DATE:** March 9, 2022

**SUBJECT: Purchase of a Force Machine for the Parks Maintenance Department**

---

**RECOMMENDATION:**

Staff recommends approval of the purchase of an ABI Force Machine available for \$42,388.63 through ABI Attachments of Indiana and to approve a bid waiver.

**BACKGROUND:**

Unit 5050 is a 2014 Toro Sand Pro with 13.5/15 points. The Sand Pro is limited on features and capabilities.

**DISCUSSION:**

Fleet recommends approval of the purchase of an ABI Force Machine available for \$42,388.63 through ABI Attachments of Indiana. This machine is able to accomplish what the Sand Pro could but has many additional features and attachments. There is not a comparable machine that has the same features, which is why a bid waiver is being requested.

**BUDGET/STAFF IMPACT:**

Sufficient funds have been budgeted and collected for this purchase.

This item was approved at the March 8, 2022 Equipment Committee.

**Attachments:**

Quote



ABI Attachments, Inc.  
520 S Byrkit St.  
Mishawaka IN 46544  
United States  
877-788-7253  
www.ABIattachments.com

Quote #QO382103  
ID #: 166453 City of Fayetteville AR  
Quote Date: 2/15/2022

**Bill To**

City of Fayetteville AR  
479-871-7690  
1455 Happy Hollow  
Fayetteville AR 72701  
United States

**Ship To**

City of Fayetteville AR  
479-871-7690  
1455 Happy Hollow  
Fayetteville AR 72701  
United States

**Quote Details**

Expires - End Of Month Quoted  
Terms - Net 30  
Quoted By - Pat Dowling

**Notes:**

Quantity	Items	Weight	Price	Amount
1	<b>10-99144 ABI Force z23slt "Laser Ready" w/Tweels</b> ABI Force zero-turn vehicle (ZTV) - Model z23slt "Laser Ready": The patented ABI Force is a new class of outdoor work vehicle. This industry-first commercial-grade zero-turn vehicle, when optionally equipped, is built for world-class ballfield maintenance and renovation, turf care and installation, and precision laser grading work. The drivetrain features a powerful and fuel-efficient commercial-grade 23 hp (747cc) Kohler Command PRO EFI engine (eliminates carburetor), 2-stage cyclonic canister air filter (protects engine), and a commercial hydrostatic drive system that directly couples the drive pumps to the engine (eliminates belts). This machine additionally enables fingertip hydraulic command of the patented spring mid-mount pitch-&-lift system and rear-mount swivel-lift system. Both mid and rear systems are ready to be configured with a range of optional ABI designed attachments to meet specific requirements (multifunction rake included). The advanced hydraulics system additionally enables complete automated control of mid-mount attachments for zero-turn laser grading and grooming. Just add optional laser electronics and mounts! Ensure consistent world-class results with the z23slt speed-lock and depth-lock features. The z23slt is built upon a rugged tubular steel frame with removable, easy access service panels, large 24" Tweel rear tires, and 13" front air-filled casters. Commercial 24-Month Limited Chassis Warranty and 36-Month Unlimited Hour Engine Warranty   (Customer assembly & uncrating required - Required attachments sold separately - EPA & CARB Compliant) Laser System Note: Electronic machine control, laser receiver, mounts, laser transmitter, and tripod sold separately. (Laser system additionally requires items: 10-90403, 10-10424, & 10-10422 plus ground-engaging attachments.)	1,500	\$26,499.00	\$26,499.00
1	<b>10-90403 Laser Electronics &amp; Pole - Machine Side (For z23sl / z23slt)</b> This kit includes the electronics (Receiver & Control Box) required to control the ABI Force's z23sl or z23slt "Laser Ready" hydraulics system. This kit also includes a center-mounted receiver-pole and mounting hardware. The control panel mounts to the dash and the laser receiver mounts to the top of the pole. NOTE: ABI Force z23sl or z23slt machine, laser transmitter, tripod, and ground engaging attachments are sold separately. (Additionally Requires Items: 10-99116 or 10-99144, 10-10424, & 10-10422, plus ground engaging attachments needed to complete the laser system)	25	\$3,199.00	\$3,199.00
1	<b>10-10424 Dual Slope Transmitter for Laser System</b> Dual Slope Laser Transmitter w/Remote, Detector, & Detector Bracket. This transmitter is designed for use for flatwork, single or dual slope applications. Slopes up to ±15 degrees can be used in either the X or Y-axis. Accuracy: ±1/16" at 100'. Rotation speed: 300, 600 rpm, Self-leveling, Self-leveling range ±5°, 2,600' (diameter) operating range. Horizontal, Multi-Slope & Vertical Applications. Extra Long Battery Life (120 hours). Tough IP66 Construction Rating. Full-featured remote control. Rotary laser 5-year limited warranty. (Receiver, Electronics, & Hydraulics Machine Side Controls NOT Included) Hard carrying case included. IP66 dustproof & powerful water jet resistant, 5/8-11 tripod thread (RL-SV2S)	14	\$2,299.00	\$2,299.00
1	<b>10-10422 XD Tripod for Laser Transmitter (33" - 119")</b> The Xtreme-Duty Aluminum Elevating tripod (transmitter stand) features a reinforced, indirect gear crank unit for easy height adjustments. It has metric, inches, 10ths, 100ths. During use, the circle bubble assures that the tripod stays in the right alignment, while the break-proof quick release allows easy adjustments. This elevating tripod extends up to 119 inches high and retracts to 33 inches. (210683-185)	30	\$599.00	\$599.00
1	<b>10-10425 13' Fiberglass Grade Rod for Laser System</b> 13' Fiberglass Grade Rod for Laser System	6	\$129.00	\$129.00
1	<b>10-90166 VibraFlex 5' Infield Drag (Model 5800)</b> ABI's Vibraflex Infield Drag, model 5800, is an innovative attachment that prepares competition and professional level baseball and softball infields with four rows of evenly staggered U-pins that shatter surface tension to prepare any engineered soil and surface conditioner. Unlike conventional nail boards, VibraFlex pins are easy to replace, and ABI's technology positively controls ground-engagement depth regardless of material moisture or compaction. Change out pins based upon application and desired results. 60" wide   ½" spacing   Includes " and ¼" pins   1/4" pins are preinstalled. MODEL 5800	48	\$749.00	\$749.00
1	<b>10-90253 Set of 2 Profile Blades for Infield Rascal &amp; ABI Force, w/Hardware</b> Profile Blades de-compact the infield and warning track surfaces and eliminate vegetation at the root level without up-ending the infield's profile during light renovation work. (5.5' Wide)	35	\$399.00	\$399.00
1	<b>10-99029 Mini-Box Blade for ABI Force (Solid Edge)</b> ABI's Mini Box Blade attachment provides earth-moving muscle to quickly and effectively carry material, grade, and level with precision! The mini box blade mounts at the underbelly midpoint of the machine enabling mini motor grader type leveling consistency. With the available laser system and the mini box blade attachment, the ABI Force transforms into the world's most accurate agile laser grading machine. (Solid Edge / 60" Mid-mount Attachment / Customer Assembly Required)	90	\$499.00	\$499.00
1	<b>10-99149 Stealth Blades for ABI Force (Set of 7, complete)</b> Stealth Blades provide subsurface compaction relief without creating ridges in the soil. They are commonly used during the manual or laser grading process to loosen the soil ahead of the mini box blade. The Stealth Blades are designed with a flat bottom profile and offer less resistance to cut through rooted vegetation with ease. Also, great for weeding and vegetation removal off an infield skin.	46	\$549.00	\$549.00
1	<b>10-99140 7' Pro Finisher (For z23s)</b> The Pro Finisher Drag provides a beautiful seamless finish on "Pro" infield conditioners. This steel lattice evenly floats over the infield surface material to level and redistribute conditioner. Flared sides seamlessly feather edges, leaving no trails even on sharp turns. This finish is as good as it gets in the sports turf market. Mounts to the ABI Force z23s hydraulic articulating system. It also includes an adjustment linkage to set desired results. (Customer Assembly Required)	68	\$999.00	\$999.00
1	<b>10-99142 6' Rear VibraFlex 3500R (For z23s)</b> The rear Vibraflex 3500-R is a game-changing attachment that has a range of applications in fine finish grading. First, it creates an ideal finish, including removing tire tracks, on high clay or high moisture baseball and softball infields. It can also be used after a significant rain event to open up and air out an infield to dry faster. Additionally, it will work grass seed deeper into bare soil after broadcast spreading. Fully articulates behind the ABI Force. Included are a set of 1/4" or 1/8" pins.	50	\$499.00	\$499.00





ABI Attachments, Inc.  
 520 S Byrkit St.  
 Mishawaka IN 46544  
 United States  
 877-788-7253  
 www.ABIattachments.com

Quote #QO382103  
 ID #: 166453 City of Fayetteville AR  
 Quote Date: 2/15/2022

<b>Subtotal</b>	<b>\$36,419.00</b>
Shipping Cost	\$904.83
Tax Total (%)	\$3,639.14
<b>Total</b>	<b>\$40,962.97</b>

**Freight Carrier:** SAIA - Confirmation #: BSQtKA635gQ (Not A Tracking #)

**Freight Accessorials Ordered:** - Residential with Notify - - Liftgate - - Limited Access -

**Customer Support:** Phone Support 877-788-7253, Mon-Fri, 9am-5pm EST or [ABIsupport.com](http://ABIsupport.com) for product manuals, parts, and self-help.

**Return Policy:** Product(s) sold with limited warranty, standard return policy, and (when applicable) conditional money back guarantee. Review Details: [abiattachments.com/abi-company/policies/return-policy/](http://abiattachments.com/abi-company/policies/return-policy/)

**Critical Delivery Responsibilities:**

If your order is not a parcel being shipped via UPS or FedEx, please consider the following to avoid additional charges. **Critical Inspection Process:** Upon delivery, you will need to thoroughly inspect your purchase for any damages or shortages. ABI nor the carrier will be responsible for damages or shortages if they are not indicated on the delivery document the driver asks you to sign. **Unloading The Truck:** Most ABI equipment requires the assistance of a forklift, tractor with front-end loader, or a lift gate to offload. We have already discussed an offloading plan with you and ordered the freight accessorials listed above at your direction. If this offloading plan is not clear to you, please contact us immediately. **Terminal Or Customer Pick Up:** If selected, the carrier or ABI will contact you with additional instructions when the unit is available for pickup.

Thank you for your interest. All payments must be received in US dollars. Payment in full before shipment is required, unless approved for Net terms or financing through our partners. If sales or use taxes are not included on this quote, you may still be responsible to pay these taxes. Please consult with your tax advisor for any tax liabilities. Quote subject to management approval. This quote expires at the end of the month it was created.





ABI Attachments, Inc.  
 520 S Byrkit St.  
 Mishawaka IN 46544  
 United States  
 877-788-7253  
 www.ABIattachments.com

**Quote #QO382104**  
 ID #: 166453 City of Fayetteville AR  
 Quote Date: 2/15/2022

**Bill To**

City of Fayetteville AR  
 479-871-7690  
 1455 Happy Hollow  
 Fayetteville AR 72701  
 United States

**Ship To**

City of Fayetteville AR  
 479-871-7690  
 1455 Happy Hollow  
 Fayetteville AR 72701  
 United States

**Quote Details**

Expires - End Of Month Quoted  
 Terms - Net 30  
 Quoted By - Pat Dowling

**Notes:**

Quantity	Items	Weight	Price	Amount
1	<b>10-99136 Pro Edger System w/Cleanup Blade (For z23)</b> Renovate the baseball or softball infield lip with this patented edger system. The edger mounts to the hydraulic R/VF mid-mount system for complete finger-tip control. The 18" disk cuts a vertical slit to create a turf edge while the sub-surface "clean up" blade cuts the roots horizontally for easy removal. A sight gauge on the front of the ABI Force assists in cutting clean lines, and it features a radius offset to cut a clean outfield ark with ease. (Customer Assembly Required)	112	\$1,299.00	\$1,299.00
			<b>Subtotal</b>	<b>\$1,299.00</b>
			Shipping Cost	
			Tax Total (%)	\$126.66
			<b>Total</b>	<b>\$1,425.66</b>

**Freight Carrier:**

**Freight Accessorials Ordered:**

**Customer Support:** Phone Support 877-788-7253, Mon-Fri, 9am-5pm EST or [ABISupport.com](http://ABISupport.com) for product manuals, parts, and self-help.

**Return Policy:** Product(s) sold with limited warranty, standard return policy, and (when applicable) conditional money back guarantee. Review Details: [abiattachments.com/abi-company/policies/return-policy/](http://abiattachments.com/abi-company/policies/return-policy/)

**Critical Delivery Responsibilities:**

If your order is not a parcel being shipped via UPS or FedEx, please consider the following to avoid additional charges. **Critical Inspection Process:** Upon delivery, you will need to thoroughly inspect your purchase for any damages or shortages. ABI nor the carrier will be responsible for damages or shortages if they are not indicated on the delivery document the driver asks you to sign. **Unloading The Truck:** Most ABI equipment requires the assistance of a forklift, tractor with front-end loader, or a lift gate to offload. We have already discussed an offloading plan with you and ordered the freight accessorials listed above at your direction. If this offloading plan is not clear to you, please contact us immediately. **Terminal Or Customer Pick Up:** If selected, the carrier or ABI will contact you with additional instructions when the unit is available for pickup.

Thank you for your interest. All payments must be received in US dollars. Payment in full before shipment is required, unless approved for Net terms or financing through our partners. If sales or use taxes are not included on this quote, you may still be responsible to pay these taxes. Please consult with your tax advisor for any tax liabilities. Quote subject to management approval. This quote expires at the end of the month it was created.

