



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: August 15, 2022



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Rob Maleszyk, Chief Financial Officer
Dee Ann Irby, Controller
Frank Nastasi, Chief of Police
Emily Frontera, Purchasing Manager

Subject: Bid Waiver – MotoShot Moving Target Systems – Police Department

History

One of the Police Department's main training objectives with its sworn personnel is firearms proficiency. This includes the ability to effectively stop threats that are fatal in nature and to preserve the safety of the public. Often times, the training for proficiency involves the ability to accurately hit a moving object or person and stop the fatal threat. Officers train on static paper targets and steel, using various methods to induce stress and variability. Some of those methods involve officers moving laterally, over distance, unstable terrain, condensed time and various lighting. What we don't currently have the ability to do is work on firearms proficiency in hitting moving object/targets, which often is the case in nearly all officer involved shootings.

Hale Outdoor Products, LLC is a company that provides a solution to a deficiency our police officers have in their courses of training. MotoShot is a remote-controlled moving target system with ballistic component protection. These target systems have the ability to move laterally, angularly and over distances up to 1000m and have the capability when equipped to be reactive and face to force shoot/no-shoot scenarios. An operator can control speed, direction and response of the target system to simulate realistic scenarios officers would come into contact with during their daily job function. A target system like this can increase an officer's firearms proficiency and greatly improve decision-making.

Purchasing

- Hale Outdoor Products, LLC is the manufacturer and sole distributor for MotoShot Target Systems.
- It is in the best interest of the City to waive the bid process and purchase two (2) MotoShot Elite AR-R Moving Target Systems and accessories from the sole source distributor *Hale Outdoor Products, LLC of Somerset, WI* for an estimated total cost of \$32,300.00 as detailed in the attached Quote #4594.

Financial

Funds are budgeted and available in the Police Department General Equipment Capital fund under Project Number 2023C0121 for the 2023 fiscal year with a total available budget of \$30,000.00. Estimated total cost for this project will be \$32,300.00. Additional funds are available in the Police Department Capital Fund to cover the shortfall of \$2,300.00 in the unused portion of Project Number 2023C0016. Expenditures will be charged to account 401.301.12.315.7978.010.

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Recommendation

City Management recommends, in the best interest of the City, to waive the bid process and award a contract to *Hale Outdoor Products, LLC of Somerset, WI*, for the purchase of two (2) MotoShot Elite AR-R Moving Target Systems and accessories for an estimated total cost of \$32,300.00 as detailed in the attached proposal.



Equipment Quote

Hale Outdoor Products, LLC
 1974 62nd Street
 Somerset, WI 54025

Phone: 866-580-4284

E-Mail: admin@motoshot.com

Date	RFQ #
7/18/2022	4594

Department	Ship To
Troy Police Department 500 West Big Beaver Road Troy, MI 48084 Attn: Sgt. Villerot	Troy Police Department 500 West Big Beaver Road Troy, MI 48084 Attn: Sgt. Villerot
	248-524-3458 M.Villerot@troymi.gov

Item	Description	Qty	Rate	Total
Elite-AR-R	SKU# Elite-AR-R The MotoShot Elite AP-R is completely protected with AR550 NIJ III+ Armor Plate. All chassis sides are angled 10° which helps divert errant rounds safely to the ground. The AP-R offers AR550 NIJ III+ protection which is capable of defeating higher level rifle threats such as 5.56X45 SS109 & M193, 7.62X51 M80 & NATO Ball. System includes: <ul style="list-style-type: none"> • AR550 Rifle rated, NIJIII+ certified steel protective shell. • Digital 2.4 GHz remote with up to 1000 meter line of sight range and variable speed forward and reverse, 360° skid steer turning. • Four 24 volt all steel, prime industrial grade, heavy-duty motors. Whisper quiet and super-durable. Self-lubricating gear box with sealed bearings. • Standard target bracket, accepts wood post. • 10" commercial grade, solid core, never flat tires. • Two on-board, rechargeable, quick exchange, sealed lead acid batteries. • 2 amp, 24 volt quick connect charging system. 	1	9,495.00	9,495.00
HSF-Auto-U...	SKU# HSF-Auto-Upgrade Auto Resetting Fall Response upgrade for MotoShot Robots Package includes: <ul style="list-style-type: none"> • Electronic Hit Sensor with coil cord and compatible quick connect wire connections • Cantilever Fall with Auto-Reset Bracket • Power indicator • Armature plate • wooden mounting post compatible with 3D Target pocket • Thumbscrews NOTE: Due to programming requirements this option is OEM Only and not sold after market	1	2,995.00	2,995.00
MM3D	SKU# MM3D MotoMan 3D Torso with Arms <ul style="list-style-type: none"> • Tapered 2" x 4" post pocket molded in bottom of torso for quick and easy set up. • Positionable arms to present a threat • Life-size and lightweight • Super durable molded semi self-sealing plastic 3-D target with outstanding cold and hot weather durability. • Completely 3-Dimensional target and has full sides and back • Aluminum bolts to mount arms 	1	219.95	219.95

Subtotal

Sales Tax (0.0%)

Total

Equipment Quote

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 1974 62nd Street
 Somerset, WI 54025

Phone: 866-580-4284
 E-Mail: admin@motoshot.com

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Item	Description	Qty	Rate	Total
DMT-BIT-De...	DMT- Bi-Directional Target Turner - Dedicated - Toggle Training Application: With the DMT Target Accessory for your MotoShot Target System, the instructor can present an extremely dynamic shoot-don't shoot training scenario allowing the shooter a greater depth of threat identification and decision making training. Systems includes: • Upgraded 4 channel remote programmed for integrated control of Bi-Directional Target Turner triggered via: DT3 and DT4 on remote Left and Right Turn Configuration: Toggle • Bullet resistant steel housing for control systems for Target Turner • 2; 1" x 2" post pockets with thumbscrews • Commercial actuating gear motor • Utilizes robot power source * Woods posts and targets are not included NOTE: Due to programming requirements this option is OEM Only and not sold after market	1	2,397.00	2,397.00
Recommen...	Recommended Accessories:			0.00
Elite Spare B...	Charger Converter and Spare Batteries for Elite Target System	1	469.85	469.85
TCR-918	SKU# TCR-918-R	1	95.95	95.95
Freight Out 2	Hit Reactive Sensor for Robots - ea. (Spare) FOB Destination - Dock to Dock delivery. Typical shipments are palletized 40" X 48" X 25" and weigh between 200# - 250#. *** Does not include accessorial charges related to limited access, appointment docking, liftgate or residential fees. This typically costs an additional \$79 - \$125.00 per assessorial/ per shipment depending on carrier. Please inform shipping any of these extra services are needed. ****	1	460.52	460.52

Quote valid for 90 days. Hale Outdoor Products, LLC. is a woman-owned, small business, CAGE code 56WT5, Tax ID 20-5200529 and DUNS 80-995-3081. All products are made in the USA.
 To expedite government purchasing, MotoShot offers products under its GSA contract GS-07F-036GA. Please contact us if you need a GSA quote.

Subtotal	\$16,133.27
Sales Tax (0.0%)	\$0.00
Total	\$16,133.27