

RESOLUTION 24-224

A RESOLUTION TO AUTHORIZE PURCHASE OF TRAINING PROP

WHEREAS, the City of Spring Hill operates a career fire department that responds to all hazards within the City; and

WHEREAS, the city continues to grow not only laterally but vertically with taller and more complex structures; and

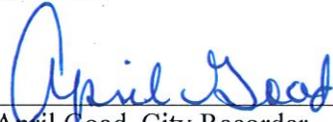
WHEREAS, fire department staff are trained in various fire and rescue disciplines that require them to travel out of the city to obtain both initial certification and continuing education due to the lack of realistic props at the current training ground; and

WHEREAS, the proposed training prop, that was budgeted for in FY25, will provide the fire department with numerous realistic training opportunities as well as meeting the requirements from ISO for an elevated training prop, giving the fire department additional points towards the ISO 1 PPC rating.

NOW, THEREFORE BE IT RESOLVED, by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee approve of the purchase of the specified Rescue Tower from Affordable Drill Towers, a sole source company, in the amount of \$245,500.00.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, this 3rd Day of September 2024.

ATTEST:



April Goad, City Recorder



For Jim Hagaman, Mayor

LEGAL FORM APPROVED:



Patrick Carter, City Attorney



REQUEST: *Approval of Resolution 24-224*
SUBMITTED BY: **Graig Temple, Fire Chief**
DATE: **September 3, 2024**
RE: **To approve purchase of Fire/Rescue training prop**

PURPOSE:

The purpose of this resolution is to approve the purchase of a Fire/Rescue Training Prop

BACKGROUND:

Fire Department conducts various levels of initial and continuing education for its staff. Many of these specialty certifications such as confined space and high angle/rope rescue require elevated training structures in order to provide realistic training scenarios. Additionally, with the increase in multi-floor buildings (USTA Project) the need exists to have a multiple floor training building to practice high rise firefighting, aerial device placement and use as well as roof ventilation.

FINANCIAL IMPACT:

Funding for this purchase was budgeted for in the FY25 Capital Projects Fund 313-48999-59125.

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 24-XXX to approve the purchase of the specified training prop from Affordable Drill Towers, a sole source company in the amount of \$245,500.00.

Big \$\$\$ Rescue Tower (B.A.R.T.)



SUFFOLK CO. NY



SUFFOLK CO. NY

OPTIONS:

- NFPA 1402 Compliant
- LED Lighting Package
- Additional Balconies

BENEFITS:

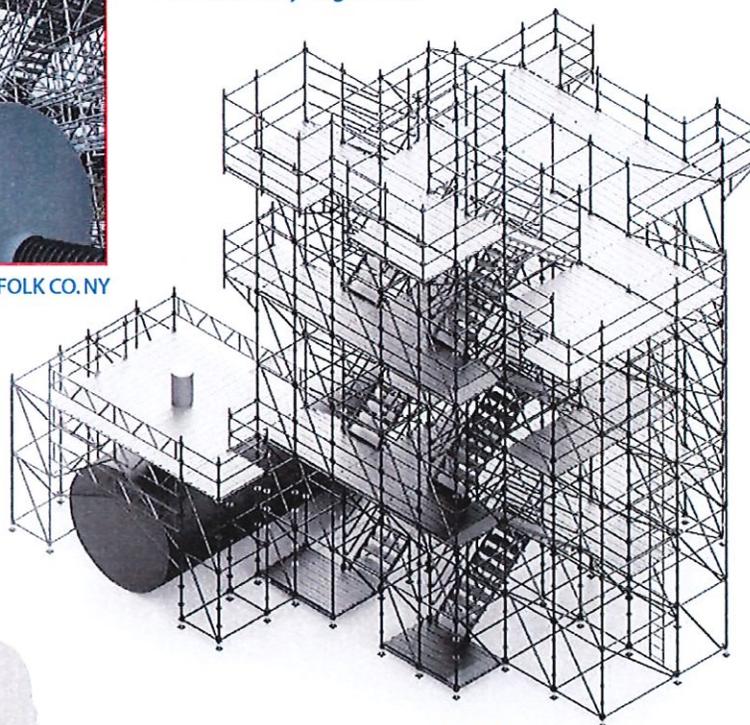
- ISO Training Tower Credit
- Keep Apparatus In-District
- Keep Manpower In-District
- Able to be Relocated (*not mobile*)
- Small Footprint
- Perfect for your Parking Lot
- **EXTREMELY AFFORDABLE!!!**

Ask us about...

NFPA 1402 Compliant
ISO Training Tower Credit

FEATURES:

- 50'W x 36'L x 48'5"T
- 3.5-Story/7-floors
- Fire Department Connection (2.5" FNST)
- 3 - Standpipe Valves (2.5" MNST)
- 2 - Sprinkler Heads (upright + pendant)
- Sprinkler Control Valve
- System Pressure Gauge
- 2 - Independent Staircases
- 3 - Apartment Balconies (accessible w/24', 28' & 35' Ladders)
- 2 - Overhang Balconies for CPAT/PAT (Top Floor)
- 2 - Roof Props (Vertical Ventilation)
- 6 - Bail-Out Window Props
- Vertical Ladder w/Safety Cage
- 1 - Pressure Reducing Valves (PRV/PRD)
- Steel Toe Boards
- 25'L x 10'W Fully Decked Outriggers (Floors 2, 4 & 6)
- Outriggers to support Roof Props
- 14'W x 14'L Platform built over a Horizontal Tank/Connex Box (customer supplied)
- Elevator Shaft w/Vertical Steel I-Beams
- Multiple Vertical Confined Space Shafts
- Segmented Floor (through-the-floor rescues)
- Removable Stair Treads (through-the-stair rescues)
- 400+ Anchor Points (for rappelling)
- Professionally Engineered



844-55-TOWER
www.AffordableDrillTowers.com

Taking Your Training to New Heights!



August 14, 2024

Spring Hill Fire Department
Attn: Chief Graig Temple
440 Beechcroft Rd.
Spring Hill, TN 37174

Re: Affordable Drill Towers, LLC – Sole Source Vendor

This letter is written to confirm that Affordable Drill Towers, LLC is the sole source provider of the following products in the United States:

- 1) *"Affordable Drill Tower"*
- 2) *"California Drill Tower"*
- 3) *"Big Ass Tower" ("B.A.T.")*
- 4) *"Big Ass Rescue Tower" ("B.A.R.T.")*
- 5) *"The Affordable Standpipe Prop"*

Affordable Drill Towers, LLC was formed in September 2016.

Using industrial grade scaffolding, Affordable Drill Towers designed a proprietary training tower by having a Professionally Engineered design that is free-standing and includes an integrated fire suppression system (FDC, standpipes & fire sprinklers), wooden roof props for vertical ventilation, and a segmented floor for vertical rope rescue.

Affordable Drill Towers, LLC is not aware of any other items or products available for purchase that meet the specifications of the products named above. Affordable Drill Towers, LLC determines the prices for above-named products because of its proprietary nature and exclusivity.

Affordable Drill Towers has (3) distributors of the products above:

- Taylor's Tins: *346 County Hwy 250 Benton, MO 63736*
- All Hands Fire Equipment LLC: *7 3rd Ave. Neptune City, NJ 07753*
- Hi Tech Fire & Safety, INC: *120 Toledo St. Farmingdale, NY 11735*

For further information, please feel free to contact me at 844-558-6937 or Steve@AffordableDrillTowers.com.

Yours truly,

A handwritten signature in black ink, appearing to read "Steve Sanguedolce".

Steve Sanguedolce
President/CEO/Founder
Affordable Drill Towers, LLC
844-55-TOWER (office)
713-443-2549 (mobile)

1000 CR 308 Suite 510 Jarrell, TX 76537

844-55-TOWER

Info@AffordableDrillTowers.com

AFFORDABLE DRILL TOWERS LLC
 PO Box 768
 Jarrell, TX 76537
 (844)558-6937
 Steve@affordabledrilltowers.com



Quotation

QUOTATION # 1326
 DATE 08/14/2024
 EXPIRATION DATE 12/31/2024

ADDRESS
 Spring Hill (TN) Fire
 Department
 440 Beechcroft Rd.
 Spring Hill, TN 37174

SHIP TO
 Spring Hill (TN) Fire
 Department
 440 Beechcroft Rd.
 Spring Hill, TN 37174

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

SHIP VIA
 ADT

CONTACT
 Chief Graig Temple

PHONE
 931-777-9390

PART NUMBER	ACTIVITY	QTY	UNIT PRICE	EXTENDED PRICE
BART	BART - Fire Dept. Training Tower New York B.A.R.T. (Big A\$\$ Rescue Tower) Training Tower: <ul style="list-style-type: none"> • 47' +/- Tall (7' Floors) • 36'+ Long x 41'+ Wide • Dual, Independent Staircases • 5'2" Wide Center Hallway on Floors 2, 4 & 6 • Fire Suppression System which includes: <ul style="list-style-type: none"> - Fire Department Connection (FDC) at Ground Level - Three (3) 2-1/2" Standpipe Valves (Floors 2, 4 & 6) - Elkhart Brass Field-Adjustable Pressure Reducing Valve (PRV) on 1st Floor - Control Valve w/2-Sprinkler Heads (Upright & Pendant) on the 2nd Floor - System Pressure Gauge on the 6th Floor • Apartment Balcony/Instructor Platform on the 2nd, 4th & 6th Floors. • Narrow Apartment Balcony/Instructor Platform on the 7th Floor. • Steel Toe Boards around the perimeter of all Steel Decking • Vertical Ladder w/Safety Cage from the Ground Level to the 4th Floor • Outriggers on the rear (C-Side) are fully-decked and 10'L x 21'L, on Floors 2, 4 & 6. • 14' x 14' Mezzanine/Deck to span over a connex box/tank. (**Connex/Tank not provided**) Mezzanine/Deck has removable floor panels for vertical entry below. Additional 8' x 14' outrigger for ventilation props 2- 7' x 9' Roof Props (Flat/Commercial & Pitched/Residential) for Vertical Ventilation	1	235,000.00	235,000.00

PART NUMBER	ACTIVITY	QTY	UNIT PRICE	EXTENDED PRICE
	<ul style="list-style-type: none"> • Removable Stair Treads for Through-the-Floor rescue training. • 6-Window Bail-Out/VES/VEIS Props • Segmented floors on the Outriggers and 2nd, 4th & 6th Floor Center for Vertical Rope Rescue and Through-the-Floor rescue training. • Multiple Vertical Shafts for confined space and limited access ground ladder drills. • Elevator Shaft with vertical I-Beams to simulate car rails. • Perfect to practice firefighter physical fitness (i.e.: P.A.T. testing, Combat Challenge™ practice, etc) • Open-Air design allows instructors, spectators and students to view the training, without being in the way. • Plenty of room for Multi-Company Drills. 			
LGHT	LED Lighting Package Includes six (6) 1,000 lumens, solar-powered street lamps. 1-lamp on each of the 4-sides and 1-lamp over each stair well. Each lamp has multiple lighting modes, including: Constant brightness; 2 different motion detection modes; brightness override functionality; and, 8 different timer modes.	1	3,000.00	3,000.00
ENG	Engineering State Specific Engineered Drawings (if required/requested)	1	3,000.00	3,000.00
1402	NFPA 1402 NFPA 1402 (v. 2019) compliance by anchoring the Affordable Drill Tower to an existing concrete slab or substantial vertical structure.	1	4,500.00	4,500.00

* A grounding rod (5/8" x 8' copper) will need to be installed prior to installation. We will provide specifications when the order is placed.

* Concrete slab must not exceed 1% slope. If an existing slab exceeds 1% slope, please contact us before issuing your Purchase Order (additional costs may be incurred).

* CA customers add \$17,500 for permitting, engineering, prevailing wages and state fees.

* NYS customers add \$7,500 for permitting, engineering, prevailing wages and state fees.

Taking Your Training to New Heights!	SUBTOTAL	245,500.00
	TAX	0.00
	TOTAL	\$245,500.00

This quotation is to a tax exempt entity, upon a sale, no sales tax will be collected. If your state requires us to pay prevailing wages, your quotation will be adjusted to reflect the difference.

Pricing includes delivery & installation.

Customer is responsible for any/all permits.

Ask about our Train-the-Trainer classes, conducted by some of the biggest names in the Fire Service, immediately following the installation of your Affordable Drill Tower.

Accepted By

Accepted Date