FORM E - PUBLISHED OPTIONS	Procurement No.:	MB11-20
Offeror Name:	**Fire Facilities, Inc.**	
Notes: (Important)	1) Use a single **Form E** for ALL Option/Accessory items and quote each on a single, separate line. **DO NOT** use multiple **Form E**'s… Add or insert additional lines as necessary. 3) Completely describe each item. Include the manufacturer's code or part number. Each item listed **MUST** have a unique code or part number so that it can be identified in any subsequest contract. 4) Options which replace standard equipment on a **Form D** Item should be priced net of any credit due for the replaced item. 5) Options which are upgrades/downgrades of a **Form D** Item should be priced at the differential amount between the cost of the **Form D** Item and the upgrade/downgrade option.	

Code or Part No.	Option Description	Offered Price
RCBY/RCCR	Balcony, Recessed/Corner - Recessed corner/inset balcony, with 1.25" I.D. (1.66" O.D.) schedule 40 hot-dipped galvanized round pipe perimeter railings and access door to interior.	$6,157.00
BY36	Balcony, Supported 3'-6" x 6'-0", 10' Tall - Supported balcony to second deck level deck size is to be 3'-6" wide x 6'-0" long and include a swing door at the balcony level. To be constructed of tubular columns and 1.25" I.D. (1.66" O.D.) schedule 40 round pipe railings. To be hot-dipped galvanized.	$9,886.00
BATT	Burn Area, Attic, 4' x 4' - Attic burn area 4'-0" x 4'-0" lined on the three walls, floor, and ceiling with a stainless steel insulating system described in section 2.22. Area is to be capable of withstanding a 600˚F burn.	$5,640.00
PAN1	Burn Crib, Class A Pan - The burn crib provides a convenient means to protect concrete floors from premature spalling and cracking. This 49" x 49" prop elevates the fuel source of class "A" fires approximately 6" above the floor. This assembly is easily bolted together and consists of all 12 gauge galvanized materials.	$300.00
BINT	Burn Room, 12' x 12' w/ (2) Doors - Secondary burn room 12'-0" x 12'-0". The burn room shall incorporate two swing doors. Interior of room shall be protected with a stainless steel insulating system described in section 2.22. Room shall be capable of 1850˚F burns.	$25,230.00
CVRL	Chopout Cover, 4' x 4' - Chopout curb cover, including handles, latches, and chain.	$878.00
PANSS	Class "A" Burn Prop, Stainless Steel - A solid stainless steel prop with dimensions 30" x 50" x 36" is designed to hold class "A" materials 18" up off of the floor surface. All welded construction with a removable stainless steel ash drawer to catch debris, yet let water pass through. This unit is designed to hold pallet lumber and straw. The unit includes heavy duty locking casters that allow easy relocation of the seat of the fire, yet will lock in place. Weighs 300 pounds.	$4,600.00
CULV	Confined Space Rescue Prop - 10' Tall Pipe - Tube/corrugated galvanized pipe (36" dia.) shall extend from 1st to 2nd floor level. It shall include a 90 degree elbow and a 3'-0" x 3'-0" Bilco floor door at the top floor level for entrance and access to lower floor level.	$9,800.00
ESL3	Elevator Shaft, 3 Story - Elevator shaft shall extend from ground level to the 3rd deck level. It shall include an interior roll-up door at each deck level and a 2'-6" x 3'-0" Bilco hatch in the roof. The outside dimensions shall be 6'-0" x 8'-0" and the inside dimensions shall be 4'-0" x 4'-0".	$19,537.00
ESL4	Elevator Shaft, 4 Story - Elevator shaft shall extend from ground level to the 4th deck level. It shall include an interior roll-up door at each deck level and a 2'-6" x 3'-0" Bilco hatch in the roof. The outside dimensions shall be 6'-0" x 8'-0" and the inside dimensions shall be 4'-0" x 4'-0".	$24,356.00
FAN1	Exhaust Fan - Fan/Belt driven sidewall exhauster, 1 ½ horsepower with a 24" x 24" damper and interior safety shield (one speed, 240 volt single phase) (one speed, 208 volt, 3 phase).	$3,716.00
FEL1	Fire Escape, 10' Tall/2nd Floor - Exterior fire escape to the second deck (10' high). Stair widths shall be 3'-0" wide and hot-dipped galvanized. Constructed of formed stringers welded to bar grate treads with open risers. Hand rails to be manufactured from 1.25" I.D. (1.66" O.D.) schedule 40 round pipe and hot-dipped galvanized. To include swing doors at each upper floor.	$21,341.00

FEL2	Fire Escape, 20' Tall/3rd Floor - Exterior fire escape to the third deck (20' high). Stair widths shall be 3'-0" wide and hot-dipped galvanized. Constructed of formed stringers welded to bar grate treads with open risers. Hand rails to be manufactured from 1.25" I.D. (1.66" O.D.) schedule 40 round pipe and hot-dipped galvanized. To include swing doors at each upper floor.	$47,321.00		
FEL3	Fire Escape, 30' Tall/4th Floor - Exterior fire escape to the fourth deck (30' high). Stair widths shall be 3'-0" wide and hot-dipped galvanized. Constructed of formed stringers welded to bar grate treads with open risers. Hand rails to be manufactured from 1.25" I.D. (1.66" O.D.) schedule 40 round pipe and hot-dipped galvanized. To include swing doors at each upper floor.	$70,981.00		
FEL4	Fire Escape, 40' Tall/5th Floor - Exterior fire escape to the roof deck (40' high). Stair widths shall be 3'-0" wide and hot-dipped galvanized. Constructed of formed stringers welded to bar grate treads with open risers. Hand rails to be manufactured from 1.25" I.D. (1.66" O.D.) schedule 40 round pipe and hot-dipped galvanized. To include swing doors at each upper floor.	$94,642.00		
FECC	Fire Escape, Firefighter Challenge - Designed to the same specifications as the Scott Firefighter Combat Challenge®. This 41'H x 12'L standalone structure is hot-dipped galvanized. Stair tower can be connected to new or existing fire training facility or placed as a stand alone unit. Stair widths shall be 2'-6" wide and shall be constructed of formed stringers welded to bar grate treads with open risers. Handrails are the top rail of the 34" to 38" high guardrails found on both side of the stairs. 42" high guardrails are required only on the landings themselves. The handrails and guardrails are to be manufactured from 1.25" I.D. (1.66" O.D.) schedule 40 round pipe.	$179,985.00		
MILC	Floor Door, 3'0" X 3'0" - Provide a Bilco 3'-0" x 3'-0" floor door in the 2nd and 3rd floors. The door shall be rated for 300 psf live load with a ¼" thick diamond plate cover. It shall be hot-dipped galvanized and equipped with both a compression spring lifting mechanism and a hold open	$3,359.00		
DRPJ	Forcible Entry/Power Jamb Door - Heavy duty steel door equipped with a breakaway lock mechanism. Lock system is easily reset and force requirements are adjustable. Provides training for breaching a locked door. Approved manufacturer of this lock mechanism is Power Jamb.	$3,933.00	$3,933.00	
DRBTI	Forcible Entry/BTI Ram-Pry Door - The ram-pry door utilizes expendable breaching pins along with wood inserts. This door is a versatile inward and outward opening door designed to offer realistic ram and pry breach training. The pry system can be removed to convert to an inward opening ram door. Provides training for breaching a locked door. Approved manufacturer of this system is BTI.	$8,911.00		New Published Option (Replaces DRPJ PowerJamb Door)
PHPT	Helicopter Simulator, 5'-11" x 6' - 6' x 5'-11" 18 gauge roof deck simulates a helicopter floor. Constructed of prime painted structural tube and pipe to form skids, hot-dipped galvanized joists, and is positioned on the tower roof. Simulator shall be totally cantilevered, no support columns may be used. Perimeter railing shall be 1.25" I.D. (1.66" O.D.) schedule 40 hot-dipped galvanized round pipe with chained gates on both sides.	$6,730.00		
LDHK	Ladder Hook Bar, 10'-6" Long - The ladder hook bar is used on sloped roofs to ensure a safe attachment of the trainee's ladder hook when setting the ladder on the roof itself. This system consists of 10'-6" long schedule 80 pipe with 12 ga. pipe angles for attachment. This system shall be hot-dipped galvanized.	$655.00		
LDCG	Ladder, Caged (per 10' Tall Sections) - A caged ladder shall extend from ground to the roof. The unit shall be constructed of tubular rails and bar steps. The cage is to be made of steel strap and the entire unit is to be provided hot-dipped galvanized.	$3,564.00		
LDEX	Ladder, Interior, 10' - An interior ladder is to extend from the third floor to the attic. It shall be constructed of tubular rails and bar steps and will be provided hot-dipped galvanized. It shall include a chain gate at the upper level.	$2,231.00		
LDSP	Ladder, Ships, 10' - Provide a ship ladder that extends from the attic floor to the roof deck. The ships ladder shall be constructed from heavy gage steel stringers and welded steel bar grate treads and open risers. The ladder shall have hand rails on both sides and shall be provided hot-dipped galvanized.	$5,631.00		

1/2 MPAR	Movable Half Wall Panels - Each individual movable wall panel (36" wide x 45" tall x 1 5/8" thick) is constructed of 20 ga. galv. vertical stiffeners and 16 ga. galv. horizontal channels. The upper and lower horizontal channels allow for attachment of other wall panels to any point along either side of this panel or to either end. The whole system is self standing and allows the instructor to view trainees maneuvering the maze.	$290.00	
MPAR	Movable Wall Panels With (1) 10' Long Track - Each individual movable wall panel (3'-7" wide x full height) is constructed of 20 ga. galv. vertical and horizontal channel stiffeners with a 14 ga. galv. top track. This top track then attaches to a 14 ga. galv. hanging track. The whole system is then held into place with two compression clamps. This system shall allow the wall to slide on the top track, lock into place, and allow for total removal without the use of tools.	$420.00	
MPARD	Movable Wall Panels With Working Door - Each individual movable wall panel (3'-7" wide x full height) is constructed of 20 ga. galv. vertical and horizontal channel stiffeners with a 14 ga. galv. top track. This top track then attaches to a 14 ga. galv. hanging track. The whole system is then held into place with two compression clamps/threshold assembly. This system shall allow the wall to slide on the top track, lock into place, and allow for total removal without the use of tools. The 2'6" x 6'-10" door shall consist 20 ga. galv. steel and includes a lockset. – (0) movable wall panel(s) with working door required.	$1,133.00	
ANCR	Rappelling Anchor, Forged Swivel, OSHA Rated - Rappelling anchors shall be rated for an ultimate load of 10,000 lbs and working load of 1,000 lbs (exceeds OSHA load requirement 29 CFR 1926.502(d)(15) and meets NFPA 1402 standard 11.2.1). The anchor housing shall be galvanized aircraft quality alloy and capable of a 360 degree swivel and 180 degree pivot. Each anchor shall be 200% proof-load tested.	$690.00	
P44C	Rappelling Platform, 4' x 4' - Balcony constructed of prime painted structural tube and hot-dipped galvanized joists and bar grate deck - positioned on the tower roof. Balcony shall be totally cantilevered, no support columns may be used.	$3,175.00	
RPRL	Rappelling Railing System, Prime Painted - Three rail rappelling railing system (prime painted) is 42" high and consists of (3) 3" diameter pipes (schedule 80) set horizontally at 12" on center. This system allows the rope to run from the rappelling ring tie off point, at the deck, overtop to the trainee. It is used to aid trainees in rappelling exercises by raising the rope up off of the roof deck to help with the initial roof edge situation.	$2,889.00	
FDC2	Riser System w/ FDC, 2 Story - Brass siamese fire department connection (4" x 2 ½" x 2 ½"; NST thread) located at the exterior of the tower, with galv. interior 4" diameter riser (14' high). Include a connection (2.5" NST thread) on the towers interior at each deck level and a connection for future sprinklers at each floor.	$4,115.00	
FDC3	Riser System w/ FDC, 3 Story - Brass siamese fire department connection (4" x 2 ½" x 2 ½"; NST thread) located at the exterior of the tower, with galv. interior 4" diameter riser (24' high). Include a connection (2.5" NST thread) on the towers interior at each deck level and a connection for future sprinklers at each floor.	$4,675.00	
FDC4	Riser System w/ FDC, 4 Story - Brass siamese fire department connection (4" x 2 ½" x 2 ½"; NST thread) located at the exterior of the tower, with galv. interior 4" diameter riser (34' high). Include a connection (2.5" NST thread) on the towers interior at each deck level and a connection for future sprinklers at each floor.	$6,080.00	
RH46	Roof Hatch, 2'-6" x 4'-6" - Bilco 2'-6" x 4'-6" roof hatch in the tower roof. The hatch shall be equipped with compression spring operators, positive latching mechanism, automatic hold open arm, and shall be galvanized steel with prime paint covering.	$2,820.00	
RH30	Roof Hatch, 3'-0" x 2'-6" - Bilco 3'-0" x 2'-6" roof hatch(es) in the tower roof. The hatch shall be equipped with compression spring operators, positive latching mechanism, automatic hold open arm, and shall be galvanized steel with prime paint covering.	$1,930.00	

ALRM	Scout Audible/Visual External Alarm - Audible and visual external alarm components shall act as an additional warning system via connection to a Scout Temperature Monitoring System. Buzzer and strobe light shall turn on when the burn room temperatures exceed the trip limits, which are preset in the Scout Temperature Monitoring System. Components shall be U.L. rated and consist of an amber strobe light with buzzer (85 decibels at 10 feet), 120 to 24 VAC transformer, relay (24 VAC input - rated for 120 VAC), momentary kill switch/button, and a lockable 10” x 10” x 6” NEMA 3R enclosure. 120 VAC electrical service, component assembly, and wiring materials are by others.	$1,047.00	
SCOUT	Scout Temp. Monitoring System - The Scout pyrometer provides real-time data monitoring and data logging of up to nine thermocouples simultaneously and is mounted in a NEMA 3R weatherproof enclosure. The Scout features an easy to read backlit LCD screen, programmable internal and external alarms for each individual thermocouple, capacitive sensitive buttons, and Bluetooth connectivity. The pyrometer displays all nine thermocouples, the maximum peak temperature, current time, if logging is enabled, if memory is full, and battery status. The Scout is supported by a one year warranty.	$4,500.00	
RPNT	Slip-resistant Paint System, 300 sf coverage - 18 ga. galvanized roof panels covered with a three-coat paint system. The basecoat shall consist of a etch primer while the two topcoats will consist of a finishing polyurethane paint with embedded rubber aggregate. This paint shall be slip resistant, waterproof, abrasion, chemical, salt water, UV and corrosion resistant. Note: Paint does not cover recesses in panels, only the flats of the panels. Acceptable manufacturer of this paint system is The Durabak™ Company.	$1,508.00	
SMKD	Smoke Distribution System, 6 Outlet, Dist. Fan - The artificial smoke distribution system shall allow for runs of (6) interior smoke outlets and (1) exhaust outlet. This system includes two cabinets, 115 volt circulation blower, 3” gate valves, and 3" dia. schedule 40 PVC pipes. One of these cabinets shall allow for a separate compartment for holding a propellant tank for a standard smoke generator. The cabinets shall be hot-dipped galvanized, per ASTM A-924 and painted on both the interior and exterior of the cabinet. The base coat shall be a 0.2 to 0.25 mil coat of a polyurethane primer. The topcoat shall be a 0.7 to 0.8 mil coat of silicon protected polyester on the face side. The paint, on both sides of the panel, is to be baked on. The finished surfaces are to have a light wax coating applied after painting. Does not include smoke generator.	$8,300.00	
SMKDG	Smoke Generator 7600 cfm (.7 micron) - Provide a smoke generator that operates on a 100% duty cycle with a smoke output of 7,680 cfm. This generator shall use an oil based fluid with a maximum particle size of .7 microns to ensure long hang time and dense smoke (maximum visibility of 3 ft in a 29’ x 29’ x 9’ high area after one minute of use). An automatic purging system shall be included to prevent the heat exchanger from premature failure and clogs. The generator shall include 4 gallons of a safe, nontoxic, and oil based fluid. Oil based fluids are recommended for fire training environments, over water based fluids, as oil based fluids have 20 to 25 times longer hang time and will not dissipate rapidly in high temperature environments. The smoke generator shall have a 5 year warranty.	$7,720.00	
SPR1	Sprinkler System, 2 head - A two head sprinkler system shall be located on the 1st floor. The system shall utilize galvanized 1” diameter pipes, galvanized elbows/tees, and a shutoff valve, along with the threaded rods/clamps required for attachment.	$740.00	
BSMT	Trailer,MBR,Basement Trainer Configuration - The fire-training trailer shall have a 4’-0” x 8’-6” balcony above the gooseneck with a perimeter railing and a removable exterior ladder. There shall be a fixed interior stair from this balcony down into the burn area to simulate basement fire scenarios. The exterior ladder, perimeter railing, and the interior stair shall be hot-dipped galvanized.	$17,200.00	
RLFD	Trailer,MBR,Railing, Foldable (per Lineal Foot) - Handrails to be manufactured form 1.25” I.D. (1.66” O.D.) schedule 40 round pipe and hot-dipped galvanized. Handrail system to be installed around the perimeter of the roof with the ability to fold down when in transport.	$252.61	
TLEX	Trailer,MBR,Six Feet Length Upgrade - The overall length of the fire-training trailer shall be increased by an additional six feet. The increase in length shall also include an upgrade to (3) 10,000 lbs axles and a GVWR rating of 26,000 lbs.	$17,980.00	

DRTF	TruForce, Forcible Entry Door - Heavy duty steel door equipped with a forcible training mechanism. The TruForce forcible training mechanism is made from ¼" thick steel, is easily reset, provides adjustment for the jamb/door leaf gap, and also allows for different force settings by simply changing the size of the customer supplied furring strip sizes. Provides training for breaching a locked door. Approved manufacturer of this forcible training mechanism is TroxFire Training Solutions.	$7,058.00	
WATCH	Watchman Temp. Monitoring System - The Fire Watchman pyrometer provides real-time data monitoring and data logging of up to sixteen thermocouples simultaneously, with wireless monitoring both onsite via WI-FI and remotely via The Cloud. The Fire Watchman features a full color, easy to read, backlit capacitive sensitive touch screen monitor, programmable set temperature alarm, with WI-FI, cellular, and cloud connectivity. Receive text alerts and log on anywhere to monitor your burn data. The Fire Watchman pyrometer displays all sixteen thermocouples, the set alarm temperature and alarm status, current date and time, if USB logging is enabled, if memory is full, if Cloud data is enabled, and power status. The Fire Watchman is supported by a one year warranty.	$10,300.00	
ADDLFLR_GRP1	12' x 22' x 10' Tall Story Addition	$53,880	
ADDLFLR_GRP2	22' x 16' x 9' Tall Story Addition	$38,169.00	
ADDLFLR_GRP3	25' x 22' x 10' Tall Story Addition	$63,581.00	
ADDLFLR_GRP4	18' x 22' x 10' Tall Story Addition	$57,252.00	
ST1STFS	Symtech - 1st Fire Simulator ST Burn Room Equipment Set with Smoke	$141,750.00	
STADDLFS	Symtech - Each Additional Fire ST Burn Room Equipment Set with Smoke	$126,840.00	
STGARSUVFS	Symtech - Garage SUV Vehicle Fire Simulator	$146,590.00	
STCEILINGRO	Symtech - Add Ceiling Rollover Fire to Any Burn Room Set	$34,125.00	
STHR	Symtech - Add Standalone Hallway Rollover	$64,300.00	
STFE	Symtech - Add Fire Extension to Any Main Burn Prop	$48,195.00	
STIPM	Symtech - Add Set of (3) Interchangeable Prop Mockups	$9,070.00	
STSM	Symtech - Add Centralized 70,000 cfm Smoke Machine w/ e-Stop & Fan Tie-In	$11,432.00	
STLPGTANK	Symtech - LPG Tank, Manifold & Power Generator	$15,873.00	
STBBQGRILLFP	Symtech - BBQ Grill Fire Prop (or other Exterior Prop)	$40,000.00	
STS&RSE	Symtech - Search & Rescue Sound Effects	$8,050.00	