

# thyssenkrupp Elevator Corporation

## New Installation Proposal



Submitted to: Tom Kimmel

March 8, 2018

Oliver Sperry renovation

### Kappa Kappa Gamma

Thyssenkrupp Elevator Corporation is dedicated to delivering Oliver Sperry Renovation the safest, highest quality vertical transportation solutions. I am pleased to present this customized BUDGET Proposal in the amount of \$66,500 sales tax included and bond not included to furnish and install one (1) thyssenkrupp Passenger Elevator; based solely on standard package for a three landing passenger elevator.

This price will remain in effect for the next ninety (90) days and is contingent upon all work described in this Proposal being completed prior to December 24, 2018. Any work performed after this date will be subject to escalation. ***This price is also expressly contingent on purchaser and thyssenkrupp entering into a separate and mutually agreeable new installation agreement for this work.***

#### Clarifications to Architectural Plans and Specifications:

1. No specifications were provided.
2. Quote based on ThyssenKrupp standard package.
3. Quote based on a 2100lb MRL passenger elevator system ( Machine Room Less)
4. Contractor to bring electrical, phone, and fire alarm to the second floor jamb.
5. All electrical disconnects for the elevator (three phase, and cab lighting) will be provided by Thyssenkrupp Elevator. This includes a shut trip breaker if building is sprinkled.
6. Hoist beam, and elevator flooring by others .
7. Qt based on crews working M-T 7am to 5pm (4 ten hr. Days)
8. Project schedule shall be mutually agreed upon by both parties in writing before becoming effective.
9. Pricing based on the dimensions provided within. See attached cut sheet.
10. For all hydraulic MRL elevators, controllers will be located at second landing entrance jamb. Please leave the second floor wall open until TKE can set the controller, and entrance frame. This wall will need to be a min of 8" thick

In the event you have any questions regarding the content of this Proposal please contact me at 850-529-7590.

We appreciate your consideration.

Regards,



thyssenkrupp Elevator Corporation

Matt Ellinor

Construction Modernization sales Manager

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# enduraMRL

Low-Rise Machine Room-Less Elevator

## Engineering Simplified.

The new **endura MRL** combines the no nonsense functionality of hydraulics and a truly machine room-less design — perfect for low-rise buildings. Now you really can maximize building space while keeping construction coordination and costs low. Fewer moving parts and the uncomplicated design provide dependable, capable equipment that isn't over engineered for buildings with just a few floors. And the cost to maintain the **endura MRL** is significantly lower than the cost of maintaining more complex low-rise MRL traction elevators.



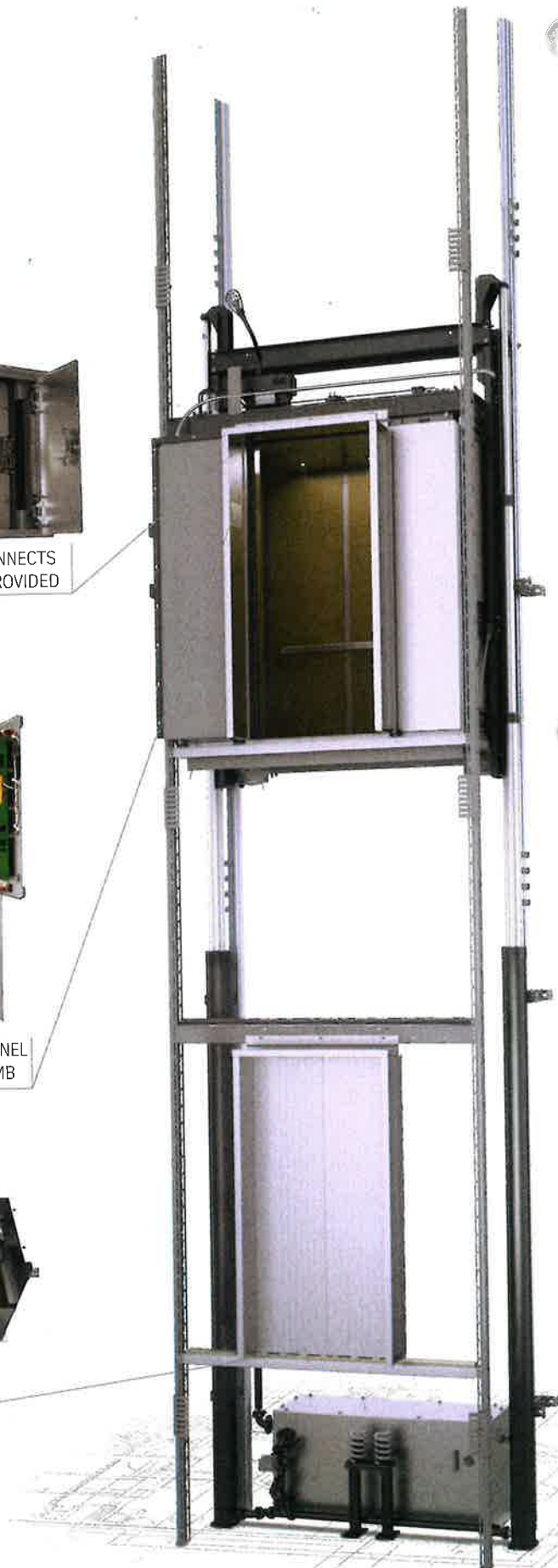
DISCONNECTS ARE PROVIDED



CONTROL PANEL IN DOOR JAMB

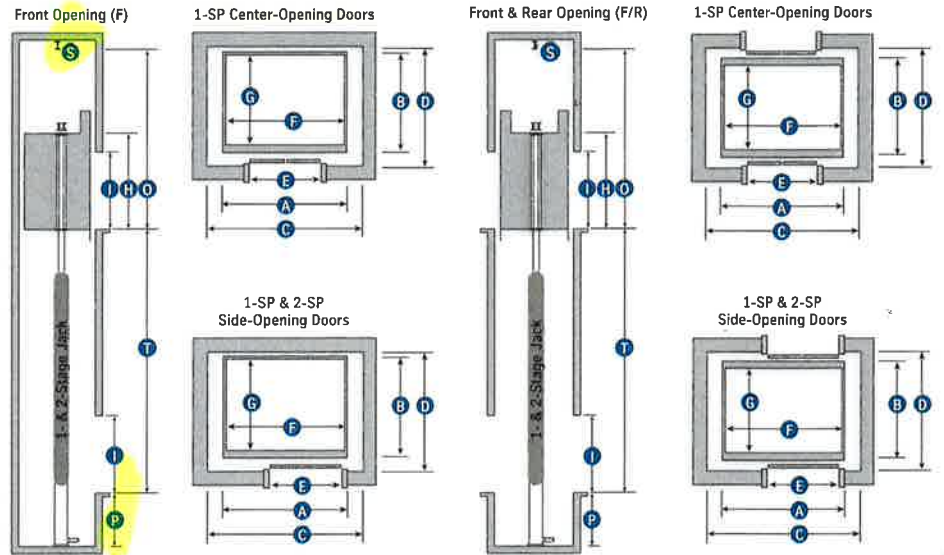


PUMP UNIT IN ELEVATOR PIT



## Twinpost Above-Ground

- Jack Type: 1- & 2-Stage
- Speed: 80-150 fpm
- Travel: 12'-8" (1-Stage)<sup>1</sup>
- Capacity: 2100-5000 lbs
- 23'-2½" (2-Stage)<sup>1</sup>



- A** Platform Width
- B** Platform Depth
- C** Hoistway Width
- D** Hoistway Depth
- E** Clear Door Opening
- F** Inside Clear Width
- G** Inside Clear Depth
- H** Inside Clear Height
- I** Entrance Height
- O** Overhead
- P** Pit Depth
- S** Safety Beam
- T** Travel

### 1- & 2-Stage

Cap (lbs)	Platform A x B	Hoistway <sup>2</sup> C x D	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>3</sup>	6'-0" x 5'-1"	7'-4" x 5'-9"	F	5'-8" x 4'-3"	1-SP	3'-0"
2100 <sup>3</sup>	6'-0" x 5'-8¼"	7'-4" x 6'-8¾"	F/R	5'-8" x 4'-3½"	1-SP	3'-0"
2500	7'-0" x 5'-1"	8'-4" x 5'-9"	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8¼"	8'-4" x 6'-8¾"	F/R	6'-8" x 4'-3½"	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 6'-3"	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2¼"	8'-4" x 7'-2¾"	F/R	6'-8" x 4'-9½"	1-SP	3'-6"
3500 <sup>4</sup>	7'-0" x 6'-3"	8'-4" x 6'-11"	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>4</sup>	7'-0" x 6'-10¼"	8'-4" x 7'-10¾"	F/R	6'-8" x 5'-5½"	1-SP	3'-6"
4000 <sup>4</sup>	8'-0" x 6'-3"	9'-4" x 6'-11"	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>4</sup>	8'-0" x 6'-10¼"	9'-4" x 7'-10¾"	F/R	7'-8" x 5'-5½"	1-SP	3'-6" / 4'-0"
4500 <sup>5</sup>	6'-0" x 8'-9"	7'-4" x 9'-6½"	F	5'-8" x 7'-9½"	2-SP	4'-0" / 4'-6"
4500 <sup>5</sup>	6'-0" x 9'-5¾"	7'-4" x 10'-9¼"	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>5</sup>	6'-0" x 9'-4½"	7'-4" x 10'-2"	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>5</sup>	6'-0" x 10'-1¼"	7'-4" x 11'-4¾"	F/R	5'-8" x 8'-5½"	2-SP	4'-0" / 4'-6"
5000H <sup>5</sup>	6'-0" x 9'-11½"	7'-4" x 10'-9"	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>5</sup>	6'-0" x 10'-8¼"	7'-4" x 11'-11¼"	F/R	5'-8" x 9'-0½"	2-SP	4'-0" / 4'-6"

- P** Pit Depth: 4'-0"
- O** Minimum Overhead:
  - Up to 100 fpm: 12'-2" (1-Stage) 12'-8" (2-Stage)
  - Over 100 fpm: 12'-5" (1-Stage) 12'-8" (2-Stage)

- T** Additional Max Travel:
  - 1-Stage: 18'-11" (up to 100 fpm) 18'-8" (over 100 fpm)<sup>1</sup>
  - 2-Stage: 28'-6"<sup>1</sup>

- I** Entrance Height: 7'-0"

- H** Inside Clear Cab Height: 7'-4"<sup>6</sup>

- S** Safety Beam Required per OSHA 1926.502<sup>7</sup>

<sup>1</sup>A 5'-0" min. pit is required for add'l travel. Travel above 13'-8" (1-Stage) or 25'-2½" (2-Stage) requires add'l pit and/or overhead by adding 1" for every 1" (1-Stage) or 2" (2-Stage) of additional travel. Max increase 2'-0" allowed in overhead. (For 4500 and 5000 lb capacities, max add'l travel could be reduced based on cab weights. Contact your local TKE office for details.)

<sup>2</sup>In areas where a 7" deep pit ladder is required, additional hoistway width or wall pocket will be required.

<sup>3</sup>This capacity is not available with center-opening doors.

<sup>4</sup>To meet the requirements of IBC code for 84" stretchers, a 4'-0" center-opening (for 4000 lb capacity only) or 3'-6" side-opening (for 3500 lb or 4000 lb capacity) door is required.

<sup>5</sup>With optional 4'-6" two-speed side-opening door, hoistway width becomes 8'-2".

<sup>6</sup>Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.

<sup>7</sup>Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.