

thyssenkrupp needs:

1. Machine to Drawing: Require shops with boring mills, vertical mills, lathes, CNC, and welded fabrication for steel and aluminum materials. Our requirements are based on an engineered drawing in which we will require 1 part for each drawing. At times there may be a need for more than 1 part. The parts will also have the following sub-processes – hardening, coatings (such as black oxide, zinc, or nickel plating). [tkSY]
2. Machine Build to Print: Requirement for suppliers to build simple machines based on a drawing set provided by thyssenkrupp. These machines will include Machine to Drawing parts, commercial parts and electrical parts. All specifications and drawings will be provided. Supplier is expected to be able to power on the machine and show basic motions. [tkSY]
3. Controls Design, Build and Commissioning. Requirement for a supplier to take the Mechanical Drawings and concepts to design the hardware requirements, write the software programs, procure the material, install the material and programs, and commission the machine on our floor or the customers floor. The supplier will be responsible for the entire package as a turn-key scope of work. [tkSY]
4. Mechanical Design: Requirement for suppliers familiar with Powertrain, Battery Assembly and Car Body Systems to support the engineering concept, designing, detailing, checking and potentially final documentation. This will be completed utilizing thyssenkrupp standards utilizing the following software packages: [tkSY]
5. Installation Services: Mechanical installation of equipment from off-loading, rigging, setting and reassembly to power on of the equipment. Skill trades required for machine assembly. [tkSY]
6. Fiber Lasers - vendors who have Fiber Lasers who can process 2D shapes out of Aluminum, Copper and Stainless [tkM]
7. Machining / Rouging - vendors who can provide 3D machining services out of mainly Aluminum plate and provide full inspection data after machining [tkM]
8. Tube Laser - Vendors should be able to cut a variety of Alloys in round tubing, and rectangular tubing and be able to provide inspection data after processing [tkM]
9. Grinders – plate / bar - Looking for Blanchard grinding services to grind material top and bottom to desired specifications, also looking for companies with the ability to perform Centerless grinding on bar stock of varying alloys and OD's [tkM]

10. Heat treaters - Vendors need to be NAADCAP approved and able to handle up to 12 foot long bar stock [tkM]
11. Testing labs - Material testing labs who can perform chemical and mechanical testing on a wide range of non-ferrous alloys, all companies must have an A2LA accredited lab [tkM]
12. Saw Cutting. Cutting of plate over 10" that is cut to shape (i.e. circles, rings, etc.) [tkM]
13. Forging: Suppliers of forgings per specification. [tkCT]
14. Machining – Require shops that can machine dies and other smaller components for maintenance and production. [tkCT]
15. Tooling – Require shops that can provide tooling for in-line and off-line operations. [tkCT]
16. Elevator Inspection Services [tkE]
17. Elevator installation services [tkE]
18. Local trades such as drywall, electrical, etc [tkE]
19. Mechanical installation contractors [tkE]
20. Elevator components distributors [tkE]
21. Industrial Construction – Require companies that can provide Construction services such as civil, earthworks, mechanical and electrical. [tkIS]
22. Fencing – Require a supplier that can provide construction fencing as well as permanent site fencing. [tkIS]
23. Office cleaning (Construction Trailers) – Require companies that are familiar with construction sites that can clean construction trailers. [tkIS]
24. Machining Works [tkIS] tooling and machining to fix, adjust or repair errors, omissions or defects for equipment or parts such as steel, aluminum, plastics, etc.
25. Fabricators – Requires suppliers that can fabricate pipe spools, welders, etc. [tkIS]