

# TIGER INDUSTRIES, INC.

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Company Name

Reference # 180623

June 8, 2018

Attn: Contact

**REF:** Air Cooled Heat Exchanger for Cooling \_\_\_\_\_ MM SCFD of Natural Gas from \_\_\_\_\_ °F to less than \_\_\_\_\_ °F at an \_\_\_\_\_ °F Ambient Temperature and \_\_\_\_\_ PSIG Operating Pressure.

Tiger Industries, Inc., is an engineering and fabrication company that is authorized to use the "R SYMBOL" in accordance with the provisions of the National Board. We engineer and supply new and reconditioned air cooled, shell and tube heat exchangers and vessels for sale and lease. In addition, Tiger provides refurbishment, repair, and modification of client's existing inventory. We are pleased to propose the following:

## AIR COOLED HEAT EXCHANGER

- |                         |                                  |                           |                            |
|-------------------------|----------------------------------|---------------------------|----------------------------|
| 1. Tube Materials       | : SA-214 Carbon Steel            | 10. Nozzle/Bundle, Inlet: | (2) 10" 600# RF (Top)      |
| 2. Header Materials     | : SA-516-70 Carbon steel         | 11. Nozzle/Bdl., Outlet   | : (2) 10" 600# RF (Bottom) |
| 3. Design Press / Temp: | 1,330 PSIG / 250°F               | 12. Rows / Passes         | : 4 / 1                    |
| 4. # of Tubes / Length  | : 302 / 36 Ft.                   | 13. Fans / Diameter       | : 2 @ 11 Ft.               |
| 5. Tube Size / Wall     | : 3/4" /15 BWG(0.075MW)          | 14. Motors                | : 2 @ 30 Hp. (ExP)         |
| 6. FOD / FPI /Pitch     | : 2" / 10 / 2.125"               | 15. Vibration Switches    | : 2 Murphy VS2EX           |
| 7. Surface-Bare / Ext.  | : 2,018 / 48,801 Ft <sup>2</sup> | 16. Dimensions            | : 13' 7" Wx 36'Lx10' 6" H  |
| 8. Manufacturer / S/N   | : Smithco / 92B3801A             | 17. Weight (estimated)    | : 35,000 lbs.              |
| 9. Code Stamp/N. B. #   | : ASME / N. B. # 4283            | 18. F.O B.                | : Tiger Industries' Shop   |
|                         |                                  | 19. Model #               | : 1F36-132-2               |

The tube bundles will be hydro-tested per ASME Code to 1,935 PSIG. Two new 30 Hp. explosion proof motors, bearings, belts, fans, and vibration switches will be installed. The motors and fans will be test run.

**Sale Price.....(No Taxes Are Included).....\$ /unit**

**Purchase Terms: 40% Invoiced with purchase order, net 10; 60% net 30 upon completion.**

**Delivery: 4-6 weeks ARO**

**Lease Price.....Min. 3 Months.....(No Taxes Are Included).....\$ /month**

**Preparation charge.....\$**

**Lease Terms: Preparation charge and first 3 months' lease invoiced with purchase order.**

If leased, client is required to perform normal maintenance including, but not limited to, greasing bearings and adjusting belts. If natural gas engine driven, minor maintenance by client, i.e., monthly oil changes, tune-ups, setting valves, etc. Major Maintenance by Tiger Industries, Inc if properly maintained by client, i.e., engine change out.