

# TIGER INDUSTRIES, INC.

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Company Name

Reference # 180831

July 31, 2018

Attn: Contact

**REF:** Air Cooled Heat Exchanger for cooling \_\_\_ MM SCFD of Wet Natural Gas from \_\_\_°F to less than \_\_\_°F at a \_\_\_°F Ambient Temperature and an \_\_\_ 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   | 10. Nozzle/Bundle, Inlet: | (2) 12" 900# RTJ WN      |
| 2. Header Materials     | : SA-516-70 Carbon Steel                         | 11. Nozzle/Bdl, Outlet    | : (2) 12" 900# RTJ WN    |
| 3. Design Press / Temp: | 1590 PSIG / 350°F                                | 12. Rows / Passes         | : 5 / 2                  |
| 4. # of Tubes / Length  | : 338 / 36 Ft.                                   | 13. Fans / Diameter       | : 2 @ 11 Ft.             |
| 5. Tube Size / Wall     | : 1" / 14 BWG                                    | 14. Motors                | : 2 @ 20 Hp.             |
| 6. FOD / FPI / Pitch    | : 2 - 1/4" / 10 / 2 - 3/8"                       | 15. Vibration Switches    | : Murphy VS2EX           |
| 7. Surface-Bare / Ext.  | : 3,186 Ft <sup>2</sup> / 67,494 Ft <sup>2</sup> | 16. Dimensions            | : 13'W x 39'L x 12.4'H   |
| 8. Manufacturer / S/N   | : Cooler Service Company                         | 17. Weight (estimated)    | : 43,010 lbs.            |
|                         | Inc. / 45108 - A1, (AC - 2)                      | 18. F.O.B.                | : Tiger Industries' Shop |
| 9. Code Stamp/N.B.      | : ASME / N. B. 11149                             |                           |                          |

The tube bundles will be hydro-tested per ASME Code. Two new 20 Hp. explosion proof motor (460V/3P/60Hz) will be installed. The motors and fans will be test run.

Sale Price.....(No Taxes Are Included).....\$

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

Delivery: 4-6 weeks ARO

Lease Price.....Min. 6 Months.....(No Taxes Are Included).....\$ /month

Lease Terms: First 3 months' lease invoiced with purchase order.

Client is required to perform normal maintenance including, but not limited to, greasing bearings and adjusting belts.