

# TIGER INDUSTRIES, INC.

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Reference # 180855

August 8th, 2018

Attn:

**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

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|------------------------|--------------------------|--------------------------|--------------------------|
| 1. Tube Materials      | : SA-214 Carbon Steel    | 10. Nozzles/Bdl., Inlet  | : (2) 8" 900 # RF        |
| 2. Header Materials    | : SA-516-70 Carbon Steel | 11. Nozzles/Bdl., Outlet | : (2) 8" 900 # RF        |
| 3. Design Press / Temp | : 1,650 PSIG / 350°F     | 12. Rows / Passes        | : 4 / 2                  |
| 4. # of Tubes / Length | : 350 / 18 Ft.           | 13. Fans / Diameter      | : 1 @ 11 Ft.             |
| 5. Tube Size / Wall    | : 3/4" / 16 BWG MW       | 14. Motors               | : 1 @ Hp.                |
| 6. FOD / FPI / Pitch   | : 1 1/2" / 10 / 1 5/8"   | 15. Vibration Switches   | : Murphy VS2EX           |
| 7. Surface-Bare / Ext. | : / Ft <sup>2</sup>      | 16. Dimensions           | : 12'W x 16' TL x 12H    |
| 8. Manufacturer / S/N  | : AXH / 87641.1          | 17. Weight (estimated)   | : lbs.                   |
| 9. Code Stamp/N.B.     | : ASME / N. B. 13719     | 18. F.O.B.               | : Tiger Industries' Shop |
|                        |                          | 19. Model                | : 132ZF                  |

The tube bundle will be hydro-tested per ASME Code. One new 20 Hp. explosion proof motor, (460V/3P/60Hz) new belts will be installed. The motor and fan 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.