



STATEMENT OF WORK

TITLE: HP Air Compressor Rental Services

PERIOD OF PERFORMANCE:

Start Date: 01 DEC 2022

Completion Date: 29 SEP 2023

PLACE OF PERFORMANCE:

NASSCO 200 Ligon Street Pier 1, USS IWO JIMA LHD-7, Norfolk VA, 23523-1000

DESCRIPTION OF WORK:

1.0 INTRODUCTION

1.1 The Qualified Contractor provide:
 Ship one; Portable High Pressure Air Compressor for shipboard use aboard the USS IWO JIMA (LHD-7) for a total of 302 days starting 1 DEC 2022. At the end of the contract period, pick up unit at NAVSTA Norfolk, VA at a pier to be determined prior to expiration of contract period.

2.0 GENERAL REQUIREMENTS

2.1 Hurricane Series, WP4331 - 24/7 Continuous Duty Rental Compressor Package
 Transportation from contractor’s facility to NASSCO NORFOLK, Norfolk Va 23511

Flow and Power

Compressor Operating Pressure	Speed	UNITS
	1770 RPM (60 Hz)	SCFM
1750 PSIG	88	HP
3630 PSIG	88	SCFM
	63	HP
5000 PSIG	88	SCFM
	67	HP

Technical Specifications

Motor rating (HPAC only)	75	HP
Current @ 460 Volts (HPAC only)	86	Amps
Weight	9,100	Pounds
Noise level @ 3 ft from compressor	85	dB(A)
Heat dissipation	187,668	Btu/hr
Cooling air needed	5,886	CFM
Residual oil content at air outlet (after dryer/filtration)	< .01	ppm



Pressure dewpoint at container outlet	< -40	°F
Atmospheric dewpoint at container outlet	< -70	°F
Outdoor operational ambient temperature range	0-105	°F
Final Pressure Range	0-5000	psig
Oil sump capacity	16.9	Quarts
Shipping dimensions (L x W x H)	10 X 8 X 8.5	Feet
Cooling method	Air-Cooled	
Drive type	Direct Drive	
Stages/Cylinders	4/4	

NOTE: Requires Norfolk Naval Base Access and MARMC Buildings LF-18. (Allow 21 working days for Naval Station Norfolk access via the DBIDS process)