

Sr. No	Description / Specification	Qty. No.
1	<b>COMPRESSED AIR PRODUCTION UNIT</b> <b>Specifications:</b> Max Pressure = 160 PSI Max flow= 260 CFM Details: As per attached specifications at page-2	01

## Compressed Air Production Unit

<b>Manufacture/Brand</b>	
Ingersoll Rand/Quincy/EMAX/Atlas Copco/Chicago Pneumatic/ELGI Or Equivalent	
<b>Motor</b>	
Voltage	400v,50hz
Phase	03 phase
Drive	Totally enclosed air cooled IP55 Class F motor, complying with IE3& Nema Premium Efficiency Standards.
Power	Specify electrical power required (Kw/KVA) of compressor in the offer.
<b>Pump</b>	
Max.PSI (Gauge)	160 PSI
CFM @ 160 PSI	260
Pump Type	Rotary Screw Type
Pump Drive	Belt/Direct
Oil Type	Oil lubricated
Oil Sight Glass	Yes
Low Oil Shut off	Yes
After cooler	Yes
Sound Level	As low as 69dBa
Attachment and Accessories	Fully equipped with all standard attachments and safties.
Display	Advanced maintenance Intelligence Monitor (maintenance,temperature,oil level, filtration and hours)
<b>Tank</b>	
Tank size	600 gallon
Tank Orientation	Preferably Horizontal if mounted with compressor otherwise vertical
Tank Inlet/ Outlet connections	Flanged Type
Safety Valve,Electronic Drain Valve	Yes
<b>Accessories</b>	
Air Drier	No
Air Filter	Yes
<b>Tools</b>	
Necessary tool kit for operation and maintenance	
<b>Layout</b>	
Bidder shall give floor space required for the machine with all accessories.	
<b>Technical Brochure</b>	
01 set of all relevant technical documents, drawings, circuit diagrams, maintenance,installation and operation manuals etc in English both in hard as well as in soft copy.	
<b>Overview</b>	
Certification	ASME,NEMA4,UL,CSA,CE
Spare parts	5 Years spares Operational

**Machine Acceptance Test:** Following tests will be carried out during pre delivery inspection (PDI) in presence of consumer Engineers at suppliers work:

1. Working pressure (Gauge) = 160 PSI
2. Flow = 260 CFM

The vendors will arrange all necessary items for demonstration at suppliers work.

*The inspection and testing will be free of cost however boarding lodging and air-tickets will be purchaser's account.*