

## Statement of Work

NAVAIR 4.3.4.6 Corrosion and Wear Branch

Cold Spray (Kinetic Metallization) Laboratory

This high pressure compressor is needed to operate a new Kinetic Metallization or Cold Spray System which has recently been procured to support an IVD Aluminum repair process for the F/A-18 and other Boeing produced Navy aircraft.. The Curtis CV9712 compressor has been recommended by the manufacturer of the Cold Spray unit.

Location:     Materials Engineering Laboratory  
                  Cold Spray (Kinetic Metallization) Laboratory  
                  Room 216A  
                  NAWCAD  
                  46066 Shaw Road  
                  Patuxent River, MD 20670

POC:           Paul Roser 301-342-8056

- Item 1
- 1) Supply and Install of Curtis Model CV9712 High Pressure Compressor, after cooler, refrigerated dryer and associated filters as specified in attached quotes.
  - 2) Install 1" copper air lines from Cold Spray Lab to compressor and ½" air lines from compressor to dryer unit.
  - 3) Compressor will be installed with spring isolation on raised concrete pad.
  - 4) Work to take place between 0600 and 1600 during normal business days.