

---

## Statement of Work (SOW)

### Project: USDA Greenhouse automated equipment & heating repairs

#### GENERAL INFORMATION

- 1.0 **Scope of Work:** To repair Johnson Controls automated equipment on 3 greenhouses and make sure they are operating correctly. Also, to fix 2 Modine heaters in preparation for colder weather.
- 2.0 **Background:** To repair automated temperature controls and equipment in preparation for colder weather and peak greenhouse usage by researchers.

#### CONTRACTOR REQUIREMENTS

- 3.0 **Technical Requirements/Tasks:** Replace or repair House 16 UHU5 Modine Heater motor, repair or replace House 17 UHU7 Modine Heater motor, repair or replace House 16 Aquastat so that heaters sync with automated controls, repair, or replace pneumatic valves or components to Houses 17 & 18 which are suspected to be the cause of components such as side vents remaining in the open position. Troubleshoot and adjust Johnson Control DX9100 units for Houses 16, 17 and 18 to make sure all components are working properly and within prescribed set points.
- 4.0 **Government Furnished:** The USDA is a locked facility and will require access by personnel. If any DX9100 controls require replacement, there are a couple spares on hand at the greenhouse to be used.
- 5.0 **Deliverables / Schedule:** Completed within 14 days of date of award.
- 6.0 **Place of Performance:** USDA Greenhouse 806 Wallace Road Ames IA 50011
- 7.0 **Technical Point of Contact:** Leslie Elliott 515-294-7418 [leslie.elliott@usda.gov](mailto:leslie.elliott@usda.gov)