

SCOPE OF WORK

Solar Array Repairs

at

**Ft Polk TUAS (Bldg. 4347)
4347 Texas Ave,
Leesville, LA 71459**

**STATE OF LOUISIANA
MILITARY DEPARTMENT**

For

CONSTRUCTION AND FACILITIES MANAGEMENT OFFICE

I. Summary Of Work:

Provide all plant, labor, materials and equipment to replace Damaged Solar Panels, wiring, and frame railing damaged during Tropical Storm Laura, Tactical Unmanned Aircraft System (TUAS), Fort Polk, Louisiana

II. Description Of Work:

1. Facility must be secured at the end of each day with no exceptions. Contractor will provide an installation and removal plan to the Project Manager, identifying how the compound will be secured daily. Plan must be approved by the Project Manager prior to start of project.
2. Remove the existing Photovoltaic (PV) panels that are still usable, (as seen in attached photos) and store safely for reinstall.
3. Disassemble, remove, and dispose of existing solar array upright frame railing that was damaged during storm, and install new railing as per the approved project plan. Apply new railing in kind and make to match existing.
4. Install new solar upright frame railing with UL Stamp, with a wind rating up to 110mph. Make to match existing.
5. Install seventy (70) new PV Panels, along with solar panels that are set aside as still usable, (as seen in photo #5) seventy (70) Tigo Optimizers, PV Wire, or equal.
6. Following installation and connection to the electrical grid, power on the newly installed PV system, test and confirm system is operable, and that all electrical readings are accurate and stable. Provide test report to PM.
7. Contractor will dispose of any and all trash incurred during execution of the project including all damaged PV parts and materials in accordance with all local, state, and federal guidance off site.
8. Contractor will provide all tools and necessary equipment such as man lifts, fork lifts, trailers, etc. in the case that they are necessary.

Owner's Representatives

Project Manager: Nancy Jeanmard
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Pineville, LA 71360

Point Of Contact at Fort Polk:
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Photo #1



Photo #2



Photo #3



Photo #4



Photo #5



Photo #6