**Elements of a complete scope of work when submitting an Environmental Questionnaire-1 (EQ1)**

This form is not required, but is intended to demonstrate the required information

for a complete scope of work when submitting a project for DOE NEPA review.

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| Who is using funds for project? Could be recipient or subrecipient. | The city of Golden, CO |
| What? | Installation of:  100 kW rooftop photovoltaic (PV) system with 494 modules and six inverters with optimizers  50 kW/160,000 kWh per year battery storage system  Dual-port Level 2 Electric Vehicle (EV) Charger Station |
| When? | ASAP-probably May-June |
| Where? | 15013 Denver West Pkwy  Golden, CO 80401 |
| How would project be completed? | 1-Structurally reinforce roof to accommodate PV panels, based on engineering drawings.  2- Electrical modifications to the Education building would include new wiring to connect PV panels and upgrading electric panel to accommodate the battery energy storage system (BESS).  3- Add 10x10 concrete pad for exterior BESS.  4-Trench approximately 90 feet across paved and landscaped areas from EV charging station to existing transformer next to Education building. Trench would be approx. 1 foot deep and backfilled once conduit was installed.  5-Transformer would require upgrading by XCEL Energy power company. No utility line upgrades required for any components of project.  6-One pine tree would be removed due to trenching. Tree would be chipped with remains left in place of tree.  7-Repair of concrete curbing and asphalt parking surface associated with EV charger installation. |
| Attachments (Not required but could help prevent follow-up questions.) | Engineering brochure for the PV panels  Contractor’s estimate with a statement of work |