**Attachment A: Special Instructions and Technical Specifications**

**Special Instructions and Specifications for Sub-Slab Depressurization System (SSDS) Installation**

**Site Name:**

**Site ID:**

**Scope.** The work covered under this solicitation shall consist of the labor, equipment, materials, tools, transportation, and incidentals necessary for the installation of SSDSs in (total number of systems needed) houses

**Location of Work.** The location of the project is:

1. (Insert property addresses for SSD Mitigation)

**Owner.** All inquiries, information, and coordination with the Owner relating to the scheduling of work, use of site, and

 similar matters shall be directed to: (List MPCA Project Manager)

 MPCA

 (Insert MPCA PM Name), MPCA Project Manager

 520 Lafayette Rd N

 St. Paul, MN 55155

Telephone: 651-757-XXXX

Email:

**Examination of Site.** No site walk is planned.

For questions regarding building specific information, contact (insert MPCA PM’s Name), phone 651-757-####.

**Schedule/Time of Completion.** The Contractor shall commence work within the shortest time possible after receipt of the executed copy of the purchase order.

The project shall be substantially complete by (select completion date). Responses that indicate a substantial completion of later than (select completion date) will be rejected.

**BACKGROUND**

The Minnesota Pollution Control Agency (MPCA) and their consultant contractors, including(insert consultant name), have conducted environmental investigation activities related to the (Insert Site Name) located in (Insert Site City), Minnesota. The investigation is being completed to gather information and data related to the release of chlorinated volatile organic compound (VOC) contamination within the site area.

Recently, sub-slab soil gas samples were collected from (insert property addresses for SSD mitigation) with sub-slab soil gas samples that exhibited (insert VOC’s of concern PCE/TCE) concentrations greater than 33 times their respective MPCA Residential Intrusion Screening Values (ISVs). To date the source(s) and/or Responsible Party(s) for the contamination have not been identified. Regardless of the source, the MPCA has determined that installations of active sub-slab depressurization (SSD) systems are warranted to mitigate the potential for vapor intrusion into certain residential homes. The homes identified for mitigation are: (Insert property addresses for SSD Mitigation)

Discounts from Current Contract Prices

Contractors may offer additional discounts from their current State Contract for installation of Sub-Slab Depressurization System prices for the line items requested by this quote.  Discounts may result from temporary price reductions or waiver of cost for an existing line-item on the current State Contract.  Waivers of cost may include, but are not limited to, waiving the mobilization charge.

Quote items listed below should be selected based on building-specific installation needs. For new SSD installations, the following items are listed as typical items that may comprise the basics for an SSD system installation . Additional quote items may be necessary and can be found in “Exhibit A – Price Schedule”. Some of the following items may not be necessary based on building conditions and can be removed as necessary. The quote items listed below should match the items listed in the Request for Quote pricing sheet.

**Quote ITEMS:**

1. **Mobilization/Demobilization –** Building Mitigation Activities: Cost of moving to/from and setting up required equipment at a site. One charge per project.

3x. **Pre-mitigation diagnostic testing** (for building footprint up to xxxxx ft2):All materials and labor necessary to conduct pre-mitigation testing as required by the Pre-Mitigation Diagnostic Checklist, including installation of a test suction point on each slab in contact with the ground and measurement of pressure field extension to assist in evaluating system requirements. This bid item is for (Insert Property Address). (Note: Bid item should be specific to each property requiring mitigation. If multiple buildings are included in the RFQ, copy and repeat bid item for each building as needed. Building use and footprint size will determine which pricing line from Exhibit A to use)

4x. **SSD system installation for an existing residential building** (for building footprint up to xxxxx ft2): All materials and labor necessary to install an SSD system at (Insert property address here), which includes one or more suction fans, piping, fittings, hangers/supports, roof and wall penetrations, sealing materials (caulk, mortar, etc.), electrical equipment, drilling, vacuum testing, etc.,. This bid item is for (Insert Property Address). (Note: Bid item should be specific to each building requiring mitigation. Include information on all building specific items that may affect the SSD installation (i.e. building additions, crawl spaces, dirt floors, slab thickness and condition, etc.) If multiple buildings are included in the RFQ, copy and repeat bid item for each specific building as needed. Building use and footprint size will determine which pricing line from Exhibit A, Section 4 or 5 to use).

27x. **Post mitigation diagnostic testing** (for building footprint up to XXXX ft2): Includes all labor, equipment, travel beyond mobilization, to conduct post-mitigation diagnostic testing for evaluating performance of the installed SSD system including pressure field extension testing and backdraft testing on all combustion appliances. This bid item is for (Insert Property Address). (Note: Bid item should be specific to each property requiring mitigation. If multiple buildings are included in the RFQ, copy and repeat bid item for each building as needed. Building use and footprint size will determine which pricing line from Exhibit A to use)

(See other categories listed in Exhibit A – Price Schedule for additional site specific items that may be necessary for your particular building.)

Additional information regarding each home is included as Attachment B to this Specification.