SCOPE OF WORK

A. Location

   a. All catch basin structures and pipes subject to the Work are located in various public streets in the City of Lake Forest Park, WA. No Work will be performed on private property.
   b. Web-based GIS of maps showing the locations where catch basin and/or pipe cleaning is required will be provided separately to the Contractor following contract execution.

B. General Requirements

   a. The Contractor shall provide and implement all temporary work zone traffic control measures that may be necessary to effect the safe and orderly diversion of vehicular, pedestrian, and bicycle traffic around the Contractor's operations. Additional traffic control requirements include:
      - The Contractor shall fabricate and provide temporary installation of notices advising the public of any restrictions to street parking that may be necessary to accomplish the Work. The Contractor shall post notices-e.g. zip tie to road signs or street trees-within public right of way at least 48 hours in advance of Work requiring the temporary relocation of parked vehicles, and shall remove the notices following completion of Work.
      - Neither road closures nor driveway closures shall be implemented as a traffic control measure.
   b. The Contractor's means and methods used to execute the Work shall not cause physical alteration or damage to the municipal separate storm sewer system (MS4) assets subject to the Work. It is recognized that there are some conditions such as broken pipe that prevent cleaning from being accomplished or where additional damage would result if cleaning were attempted or continued. Should such conditions be encountered, the Contractor shall not be required to clean affected pipe sections. Immediately upon discovery of conditions that prevent cleaning or pose risk of damage, the Contractor shall notify the City of such conditions.
   c. The Contractor's means and methods used to execute the Work shall ensure that waste material removed from the MS4 is conveyed securely to a watertight receptacle (e.g. vacuum truck debris tank) for hauling to the disposal facility and shall not permit waste material to be discharged outside of the MS4 or downstream within the MS4. Any waste material spilled or discharged during the cleaning process shall be completely removed from the discharge site immediately following the spill.
   d. Contractor shall provide disposal of waste materials removed from the MS4 in accordance with applicable law and regulations. Applicable regulations include,

but are not limited to, the Western Washington Phase II Municipal Stormwater Permit administered by the WA Department of Ecology. The City calls Contractors' attention to the fact that this regulation prohibits the practice of decanting collected liquid waste material back into the City's MS4.

C. Contract Task Specifications

The Contract Tasks (CT) described in this section correspond to the Contract Tasks noted in the Proposal Form in the Invitation to Bid. Specifications for execution, measurement, and payment of Work are as follows:

<u>CT-1- Clean Catch Basin</u>

a. Description
    - This work includes mobilizing to work sites, removing waste material from catch basins, and hauling and disposing of collected wastes.
b. Execution
    - Remove catch basin grate and temporarily store grate in a secure location. Uncovered catch basins shall not be left unattended for any length of time.
    - Remove all waste material from catch basin interior such that drainage is unobstructed and only trace amounts of waste material may remain.
    - Return the catch basin grate to a secure setting on the structure frame.
    - Haul and provide legal disposal of waste material removed from each catch basin.
c. Measurement and Payment
    - CT-1 will be measured and paid per each catch basin cleaned.
    - Contractor shall submit to the City an identifiable photograph of each catch basin illustrating completed cleaning work, which the City will use to measure the quantity of catch basins cleaned. An identifiable photo of a catch basin is an electronic image file that either contains GPS/other location information or is named per the catch basin structure ID shown on the City's GIS map.
    - Contractor shall submit to the City waste disposal receipts issued by a duly licensed facility showing the quantity of material disposed, or equivalent documentation, which the City will use to validate the measurement based on submitted photographs.

<u>CT-2- Clean Stormwater Pipe</u>

a. Description
    - This work includes mobilizing to work sites, removing roots and waste material from existing stormwater pipes, and hauling and disposing of collected wastes.
b. Execution

- Remove grate from the catch basin used to access the pipe ("cleaning access structure") and temporarily store grate in a secure location. Uncovered catch basins shall not be left unattended for any length of time.
- Remove all waste material from pipes that are more than 20% full of waste material as determined by Contractor's observations at the cleaning access structure.
- Remove waste material collected in the cleaning access structure to such an extent that drainage is unobstructed and only trace amounts of waste material may remain.
- Return the catch basin grate to a secure setting on the structure frame.
- Haul and provide legal disposal of waste material removed from the pipe(s).

c. Measurement and Payment
    - CT-2 will be measured and paid per hour of pipe cleaning work undertaken at the work site (cleaning access structure).
    - Contractor shall maintain a log to track where pipe cleaning work has been completed which shall document the cleaning access structure ID number (from GIS map), size and material of the pipe(s) cleaned and the hours expended to complete the cleaning. The log will be submitted to the City with applicable requests for payment for CT-2 work.

<u>CT-3- Traffic Control</u>

a. Measurement and Payment
    - CT-3 work will be measured and paid by Lump Sum.