

TECHNICAL SPECIFICATIONS

WORK SCHEDULE

- The successful bidder shall commence SITE Work within ten (10) working days of receiving a Notice to Proceed from a Municipality.
- Work is restricted to a normal eight-hour day, five-day week, with the successful bidder and all subcontractors working on the same shift. No Work shall be done on this Contract on Saturdays, Sundays or holidays or on the day before or the day after a long weekend which involves a holiday without prior approval by the specific Community.

PROGRESS OF WORK

- The successful bidder shall promptly start and continue actual construction work under this Contract with the necessary equipment to properly execute and complete this Contract in the specified time.
- No cessation of Contractor's operations will be allowed without the approval of the Municipality. The rate of progress shall be satisfactory to the Municipality. The successful bidder shall furnish to the Engineer a schedule for the Work prior to the start of construction.

ROAD SAFETY and POLICE SERVICES

Each Municipality shall provide all Police Detail services at no cost to the Contractor to direct traffic when such protection is deemed required by the Municipality. The successful bidder shall be solely responsible for contacting, ordering and scheduling police traffic details with the local Police Department and DPW. If the Contractor must cancel police services, he must be aware of and do so within the time limits set by the respective Police Department.

PUBLIC SAFETY AND CONVENIENCE & TRAFFIC CONTROL

- The successful bidder shall be required without additional compensation to provide safe and convenient access to all abutters during the prosecution of the Work.
- Where traffic cones are the standard operating procedure for any tasks specified herein, the successful bidder shall have sufficient cones, personnel and trucks to conform to this procedure to provide safety within the work zone and for the motoring public. The successful bidder's equipment shall have high intensity flashing lights or rotary beacon(s) installed to provide adequate warning to motorists approaching the work area or work equipment from the front and rear.

CLEANUP

- Cleanup shall be done on a daily basis. At the end of each working period, the successful bidder shall remove all equipment from the traveled way. The successful bidder shall ensure that all safety marking and warning devices are satisfactorily in place prior to leaving any job.
- During the course of the Work, the successful bidder shall keep the site of his operations in as clean and neat condition as is possible. He shall dispose of any and all residue resulting from the construction work and, at the conclusion of the work; he shall remove and haul away any surplus excavation and any other refuse remaining from the construction operations, and shall leave the entire site of the work in a neat and orderly condition.
- Sweeping and cleaning of surfaces beyond the limits of the Project to clean up material caused by spillage or vehicular tracking during the various phases of the work shall be considered as incidental to the Work being performed under the Contract and there will be no additional compensation.

EMERGENCY CONTACTS

- A list of personnel and their telephone numbers shall be submitted to the Municipality and the Public Works Director and also to the local Police Departments

PROVISIONS FOR TRAVEL AND PROSECUTION OF THE WORK

- For services that require traffic control, the successful bidder shall supply and use traffic control devices, positioning and methodology, conforming with the Manual on Uniform Traffic Control Devices (MUTCD) and MHD Work Zone Safety Guidelines at no additional cost to the Municipality. Traffic control devices required

only during working hour operations shall be removed at the end of each working day. Signs having messages that are irrelevant to normal traffic conditions shall be removed or properly covered at the end of each work period. Signs shall be kept clean at all times and legends shall be distinctive and unmarred.

- Particular care should be taken to establish and maintain methods and procedures that will not create unnecessary or unusual hazards to public safety.

DISPOSAL OF SURPLUS or CONTAMINATED MATERIALS

- All materials not required or needed for use on the Project, and not required to be removed and stacked, shall become the property of the successful bidder and shall be removed from the site and legally disposed of.
- It is noted that any Catch Basins or Drain Lines that may contain hazardous or contaminated materials will become the property of the successful bidder and disposed of in accordance with DEP Rules and Regulations. Such disposal shall be documented and a copy of the disposal Bill of Lading or Receipt of disposed contaminated material shall be provided to the Municipality by the successful bidder.

WEATHER LIMITATIONS

- The WEATHER can and will affect the successful bidder's work performance. The Municipality reserves the right and sole discretion to prohibit work of days when weather is of sufficient intensity that would impede effective prosecution of work tasks due to conditions of street surface conditions.
- Where it has been determined that a Local Police Detail service is necessary for public safety in any work locations specified in contract documents linked to these bid documents, it is incumbent on the Contractor to notify the local Police Department that contract will not be performed on the day of the scheduled Police Detail service. If such notice is not given by the Contractor, or his representative, the contractor will be responsible for said detail.

CATCH BASIN CLEANING

The Work under this item consists of the cleaning of existing catch basins and drainage pipes. Work under this item shall be performed under the direction and to the satisfaction of the Director of Public Works, or his designated agent

Catch Basin cleaning will be paid for at the Contract unit price. The Contract unit price shall include all labor, equipment, transportation within the Community and incidental costs required to complete the Work. The Work under this item does not include the removal and legal disposal of hazardous material.

- **Catch Basin and Drain Manhole Cleaning.**

The work to be done under this contract shall consist of removing the accumulated dirt, refuse and other debris from each catch basin, the gutter mouth of curb inlets, and properly disposing of the materials removed. Drain manholes are considered catch basins in this contract.

Communities will predetermine, at a minimum, at least 30 catch basins for performance evaluation, which will be inspected by the DPW after they have been cleaned. The Contractor shall in each case remove the grate, clean the catch basin, including scraping the sides of the basin, to the satisfaction of the Director of Public Works or his designee, and carefully replace the grate. The catch basin shall be considered clean when remaining material in the catch basin is not more than four inches in depth, if leveled, and there is no visual evidence that would impede free flow of storm water.

- **Sequence of Cleaning**

The Community will make available to the Contractor Work Route Maps showing the sequence in which the Contractor will proceed in cleaning the catch basin. The Contractor shall provide to the Public Works Department on a weekly basis a report containing the location and number of catch basins cleaned during the week, estimated quantity of material removed and the total number of catch basins cleaned year to date.

- **Start/Completion Time**

The time frame for cleaning of catch basins will be from April to November.

- **Basin/Drain Cleaning Methods**

Each catch basin is to be thoroughly cleaned of sand, silt, and debris from the lower portion of the basin (i.e., basin sump) by mechanical means or hand labor. Jetting or rodding may be required to loosen debris materials to assure complete removal.

The Contractor is to remove the basin grate, thoroughly clean the catch basin and reset the grate prior to leaving the basin. ~~It is anticipated that clam trucks or Vac Trucks, will be utilized for this contract award.~~

The Contractor shall notify the Utilities Superintendent of any broken grates or frames, undermined basins, plugged or broken pipe connections, or any suspicious pipe inlets observed during the cleaning operations. Any deficiencies shall be noted in a weekly written report. If a basin does not have a sump it shall be noted in the report. During the operation, care shall

be taken by the contractor not to damage grate, frame, catch basin, pipe, or curbing. If damage is caused by the negligence of the Contractor the damaged parts shall be satisfactory repaired or replaced at the Contractor's expense. The material removed from the catch basins shall be transported immediately to the approved disposal area in trucks that will not spill or leak the material along the roadway. Any material falling on the roadway shall be noted in the report.

- **Traffic Control:** The Contractor is solely responsible for all traffic control, signage and personnel as is necessary to provide for the safety of workmen, equipment, and the traveling public. The Contractor shall not block or stop the normal flow of traffic.
- **Method of Measurement:** Each basin satisfactorily cleaned will be measured as a complete unit. Basins not satisfactorily cleaned will be brought to the Contractor's attention and re-cleaned at no additional cost. A basin, which cannot be cleaned due to a structural defect or absence of a sump, will not be measured for payment. The Contractor shall mark the top of the catch basin grate with paint after it has been cleaned.
- **Basis of Payment:** All cleaned and approved catch basins will be paid for at the contract unit price. This price shall include all equipment, fuel, tools, transportation, traffic control, and labor incidental to the completion of the removal of the material in accordance with the provisions of these specifications.

Catch Basin: Vacuum Truck Cleaning	Lowell	# of Basins	3,000		
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