

CITY OF ALGONAC STRUCTURE REMOVAL AND SITE CLERANCE STANDARDS

PART 1- GENERAL

1.1 DESCRIPTION

The work under this section includes but is not necessarily limited to:

1. Notifying all publicly and privately owned utilities owning or using conduits, wire, pipes and sewers serving the property. Arranging for the disconnection, removal or capping of such utilities that must be temporarily or permanently removed or abandoned and paying all fees for such work if any fees are required.
2. Providing and maintaining all fences, shoring, barricades, bridging, sidewalk covers, warning signs, lights and danger signals for the protection of life, adjacent property, streets and sidewalks.
3. Removing/demolishing of structures and clearing the site, including all debris.
4. Restoring the site to an approved condition.

1.2 REFERENCES

Where stated the terms "City" and "City Manager" shall mean the City of Algonac or the Registered and Licensed Professional Engineer engaged by the City to supervise and inspect the work provided for in the Contract or any duly authorized employees or representatives thereof. Supervising Federal and State Agencies Include:

E.P.A.Environmental Protection Agency
M.D.E.Q.....Michigan Department of Environmental Quality
M.D.O.T.....Michigan Department of Transportation
O.S.H.A.....Occupational Safety and Health Administration
M.I.O.S.H.A.. ...Michigan Occupational Safety and Health Administration

1.3 PERFORMANCE REQUIREMENTS

The Contractor shall give notice of the demolition to all publicly or privately owned utilities serving the property and arrange for the removal or abandonment of the utility service. The contractor shall provide the City with documentation confirming that such utilities have been removed or abandoned before demolition begins.

Sewer leads shall be capped and marked at the property line. The Contractor shall arrange for and obtain necessary inspections. Any fees assessed to the project for the discontinuance of utilities are the responsibility of the Contractor as incidental to the work.

1.4 RELOCATION OF BUILDINGS

Buildings or structures shall not be moved off the site intact, unless prior approval has been obtained from the City.

1.5 REGULATORY REQUIREMENTS

The Contractor shall:

1. Meet all applicable regulations, codes and ordinances for safety, demolition work, structure moving, dust control and debris disposal.
2. Obtain permits as may be necessary for proper performance of the work. Such permits include but are not necessary limited to Demolition/Wrecking or Moving and Plumbing. Fuel Tank Removal/Disposal where applicable requires conformance with the fire code requirements and approval of the Fire Chief of the City of Algonac.
3. Where appropriate, notify affected utility companies before starting work to provide for the disconnection and or capping off of utility lines and comply with their requirements as may be necessary.
4. Submit Notification of Intent to Renovate/Demolish to the M.D.E.Q. in a timely manner with a copy to the City (Form is attached.).
5. Conform to applicable Federal/State/Local procedures when discovering hazardous or contaminated materials.

Direct and indirect costs associated with permits, inspections and other regulatory requirements are to be considered as incidental to the project.

1.6 ENVIRONMENTAL REQUIREMENTS

The Contractor shall perform all work operations in conformance with all applicable M.D.E.Q., E.P.A. and Michigan State Police requirements.

PART 2 –PRODUCTS AND MATERIALS

2.1 BACKFILL MATERIALS

Backfill material utilized on the site shall meet the requirements of M.D.O.T. Granular Material, Class II.

PART 3 – EXECUTION

3.1 PREPARATION, PROTECTION OF PUBLIC AND PROPERTY

Work on the project shall be done in conformance with all applicable health and safety regulations. The Contractor shall exercise due care as may be necessary in moving and setting up equipment and in doing all work so as to protect the public and adjoining property from any possible damage.

Prior to moving any structure from the site, the Contractor shall submit a written request and application to the City Manager. The application for structure relocation shall include the destination site(s), transport route(s) and proposed schedule for moving of the structure(s). Application for structure moving shall be subject to approval the City Manager. It is rrequired that the Contractor state if it is intended to move the structure(s) when bidding on the project.

3.2 WORK OPERATIONS/IN SITE SCAVENGING

The Contractor shall confine operations to the property lines of the project site address and the adjoining public right-of-way.

The existing structures and debris shall be completely removed from the site. This includes but is not necessarily limited to the walls, floors, footings,

foundations, driveways, sidewalks, fences, poles, underbrush, bushes and small trees (to a maximum of 6" DBH.) Sewer leads shall be capped, identified by a map and a 2" x 2" cedar stake 1' below grade at the property line by the Contractor subject to inspection and approval by the Public Services Superintendent. Materials shall be removed from the site immediately after demolition. On site scavenging of materials, such as cleaning of brick and wood will not be permitted unless otherwise stated in the specifications.

Upon completion of backfilling operations, the ground surface shall be graded such that surface water is not retained on the site. The ground surface shall be graded so as to facilitate field mowing. The responsibility for the grass to grow is the Contractors.

The Contractor shall seed any disturbed areas specified for removal, apply four (4) inches of top soil to disturbed areas of the lot that is free from pulverized building materials and construction debris. Apply grass seed mix at a rate of 100 pounds per acre, placed upon screened topsoil. Apply straw (or approved equivalent) top dressing. Ensure fill materials are free of rocks or lumps larger than four (4) inches in greatest dimension.

3.3 FLAMMABLE, HAZARDOUS OR TOXIC MATERIALS

Gasoline and oil storage tanks and contents shall be properly removed as directed by the Fire Chief of the City of Algonac. Should gasoline and/or oil storage tanks be encountered on the site, the Contractor shall immediately notify the City Manager for further direction.

The Contractor shall immediately notify the City Manager for further direction whenever any other hazardous and or toxic materials or conditions are encountered on the site.

3.4 SCHEDULES

The Contractor shall limit hours of operation to Monday through Friday during the hours of 7:00 a.m. to 6:00 p.m. Special hours of operation outside the normal hours must be approved by the City.

The Contractor shall directly notify the appropriate permitting agencies in conformance with the applicable permit requirements. The Contractor shall notify the City Manager not less than 24 hours prior to the beginning work on the site and upon completion of work.

3.5 TEMPORARY CONSTRUCTION FACILITIES

The Contractor shall furnish and maintain all apparatus and equipment such as ladders, scaffolds, derricks, hoists, etc. as required for the proper execution and progress of the work. Such facilities shall be strong, substantial and safe for the purpose for which they are intended and shall meet all applicable requirement of O.S.H.A. and M.I.O.S.H.A.

3.6 CLEANLINESS OF THE WORK

The Contractor shall keep the work and all property occupied by him in a neat and orderly condition at all times. Waste materials, rubbish and debris shall not be allowed to accumulate. Contractor's equipment, temporary buildings and excess materials shall be promptly removed from the property as they become no longer needed for the progress of the work.

The Contractor shall not create a public nuisance as defined by the City Ordinance. Labor, material and equipment necessary for compliance with this section shall be provided by the Contractor at his expense. If the curb and gutter, road or sidewalk is damaged by the Contractor, then replacement will be necessary by the Contractor.

The Contractor shall provide and maintain temporary sanitary facilities as may be necessary for the use of workers on site and shall prohibit the committing of nuisance on the site and any employee found violating such provisions shall be discharged and shall not again be employed on the work without written consent of the City.

3.7 WASTE DISPOSAL

The Contractor shall dispose of all non-site separated, regulated waste generated by work in a proper manner including asbestos laden materials, if any. Proper disposal of such waste shall be made to a disposal site licensed

under Act 641, P.A. 1978, as amended and administered by the M.D.E.Q. and E.P.A. or at an M.D.E.Q. approved processing facility. The Contractor shall provide the Engineer with copies of all receipts for the disposal of waste materials. **Unless otherwise approved by the City Manager the Smith Creek Landfill at 6779 Smiths Creek Road, Smiths Creek, MI is the only landfill permitted for disposal.**

3.8 EXPLOSIVES

The use of explosives is prohibited.

3.9 MEASUREMENT AND PAYMENT

The completed work as measured for Structure Removal and Site Clearance will be paid for at the contract work item process as lump sum amount. The Contractor shall provide all required documentation for the project prior to issuance of final payment.

3.10 INSURANCES

Contractor shall provide proof of a minimum of \$1,000,000 in liability insurance and copies of all appropriate vehicle, property damage and worker's compensation coverages with bids.