

Office of the Controller

Fayette County, Pennsylvania

SCOTT T. ABRAHAM

Controller



Phone (724) 430-1217
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March 31, 2016

A D V E R T I S E M E N T

Sealed proposals will be received in the Fayette County Office of the Controller, Fayette County Courthouse, Pennsylvania, until 3:00 p.m. Thursday April 14, 2016 for the bids to demolish and remove the boiler house smokestack located at 61 East Main Street, Uniontown PA 15401.

Plans and specifications and other documents can be obtained on the Fayette County web site at www.co.fayette.pa.us by contacting Chief Clerk Amy Revak at 724-430-1200, x 213 or via e-mail at arevak@fayettepa.org.

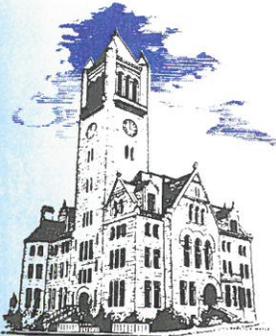
All proposals submitted to this advertisement must be sealed with clear tape and clearly marked on the outside of the envelope Bid No. 16-01.

Submit one (1) original and five (5) copies to the Office of the County Controller, Courthouse, 61 East Main Street, Uniontown Pennsylvania, 15401.

The Fayette County Commissioners reserve the right to reject any or all bids or parts thereof.

Scott Abraham
Fayette County Controller

Advertise: 4-4-2016, 4-7-2016
Open: April 14, 2016



Fayette County Courthouse

OFFICE OF THE COMMISSIONERS
FAYETTE COUNTY, PENNSYLVANIA

VINCENT VICITES - *Chairman*
DAVE LOHR - *Vice-Chairman*
ANGELA M. ZIMMERLINK - *Secretary*



724 430-1200
Fax 724 430-1265

CONTRACT TECHNICAL SPECIFICATIONS
FOR
DEMOLITION
FAYETTE COUNTY COURTHOUSE
BOILER BUILDING CHIMNEY

61 EAST MAIN STREET
UNIONTOWN, PA 15401

Bid Contract No. 16-01

April 1, 2016

Fayette County Courthouse
61 East Main Street
Uniontown, PA 15401
Phone: 724-430-1200

Prepared By:

K2 ENGINEERING, INC.
234 Pittsburgh Street
Uniontown, PA 15401
Phone: 724-439-3440

TECHNICAL SPECIFICATIONS

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SECTION I – LOCATION, SCOPE, AND SPECIAL REQUIREMENTS

1.01 LOCATION

The location of the demolition is 61 East Main Street, Uniontown, Fayette County, Pennsylvania

1.02 SCOPE OF WORK

It is the intent of these documents to prescribe the demolition of a concrete and clay tile block exhaust chimney down to a minimum depth below existing grade of three (3) feet.

The Contractor shall furnish all labor, materials, equipment, machinery, apparatus and tools, and perform all operations necessary for demolition as described herein. The basic operations include demolition, structural backfill and restoration of surfaces to original conditions. All work shall be done in accordance with the applicable portions of the specifications. Any labor, materials, equipment, or apparatus not specifically mentioned herein which may be necessary for the proper completion of the entire work or of the individual items thereof, within the intent of these specifications, shall be furnished by the Contractor without additional compensation.

1.03 SPECIAL REQUIREMENTS

A. Contractor's Responsibility

The Contractor at all times shall observe, comply with, and post as required all federal, state and local laws, ordinances and regulations in any manner affecting the conduct of the work or applying to employees on the project, as well as all orders or decrees which have been or may be promulgated or enacted by any local bodies or tribunals having authority or jurisdiction over the work, materials, employees, or contract. The Contractor shall protect and indemnify the County and its representatives against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by himself or his employees.

B. Existing Utilities

The Contractor is cautioned of the existence in the project area of underground utility lines. Every reasonable effort has been made to show the existence and location of the known utility lines in the general area of project construction. However, this information cannot be guaranteed as being accurate. It is the responsibility of the Contractor to notify Pennsylvania One Call (800-242-1776) one week prior to the start of construction. Prior to the start of any demolition work the contractor will notify and coordinate with:

Fayette County Public Works Department
Mr. Bob Carson
Fayette County Courthouse
61 East Main Street
Uniontown, PA 15401
bcarson@fayettepa.org

Telephone: 724-430-1200
Fax: 724-430-1265

Hours of Operation:
Monday through Friday
8:00 AM - 4:30 PM

C. Occupation Safety and Health Administration (OSHA) Standards

In the execution of this contract all Contractors and Subcontractors shall comply with Federal Occupational Safety and Health Standards as set forth by the Occupational Safety and Health Act of 1970 (PL 91-596) and under Section 107 of the Contract Work Hours and Safety Standards Act (PL 91-54).

D. Wage Rates (This is not a Prevailing Wage Rate project)

The minimum wage rates for each craft or classifications of all workmen needed to perform work on this contract during the anticipated terms hereof shall be governed by the Prevailing Minimum Wage Determination of the Pennsylvania Department of Community and Economic Development in accordance with the requirements of the Pennsylvania Prevailing Wage Act (43 P.S. Sec. 165-8) and Davis-Bacon Act. The wage rates are attached to these contract documents.

E. Obstructions

In the event that it is required and so authorized by the Engineer and the Fayette County Public Works Department, Mr. Bob Carson, to relocate any un-known pre-existing utility necessary for the completion of this work, if not specifically identified in these specifications or discovered as part of the required Pennsylvania One Call (800-242-1776), shall be completed as directed and payment shall be made for this relocation based on a pre-negotiated fixed cost for any additional labor, materials, quantities of excavation, pavement replacement, backfill etc., which the relocation may require over that of the contract bid amount.

No consideration will be given to claims for additional payment to compensate for any inconvenience or changed working conditions, which may result from such relocations, beyond the amount of the pre-negotiated fixed cost associated with the relocation any un-known pre-existing utility not specifically identified in these specifications or discovered as part of the required Pennsylvania One Call (800-242-1776). Where a complete

obstruction does not exist and the Contractor requests and is given permission to relocate any work for his convenience, no additional payment for any reason will be made.

F. Notice Regarding Existing Facility Operations / Public Roadways

The Contractor shall cooperate with the Engineer and the Fayette County Public Works Department officials in maintaining in a safe and passable condition all roads, streets, parking lots, emergency exits and public access points and alleys affected by the work. Modifications to emergency evacuation routes may be established only with written approval of officials having jurisdiction. Copy of such approval must be submitted to Bob Carson, the Fayette County Public Works Department official and approved by him before becoming effective.

The contractor shall indicate in their bid any required laydown or stockpile areas necessary to load out and remove demolition debris. No material will be allowed to be stored or stockpiled on the property unless approved by the Fayette County Public Works Department official. When approved as a temporary measure it shall be removed before the end of work each day and cleaned completely unless otherwise approved.

No foreign material will be allowed on the traveled roadway during the construction and must be cleaned immediately when spilled on any public or county property, roadway, alley, sidewalk, or designated parking areas.

The Contractor must have an approved Traffic Control Plan for any work that impacts any off-site public roadways and must comply with all safety requirements as directed by the Engineer, the Fayette County Public Works Department official or as required by the authority having jurisdiction over the affected public roadway as necessary for the removal of the demolition debris to an off-site disposal area. As a minimum the contractor shall provide a qualified flag person at any location where haul vehicles will exit onto public roadways.

All existing highway facilities damaged during the project will require corrective action by the Contractor. The facility must be corrected to a like condition that existed prior to the project or to a condition as directed by the Engineer.

All Contractors shall be familiar with PennDOT Specifications, Publication 408, dated 1994, and all Supplements thereto and perform all work as specified. All work must comply with all rules, restrictions, and regulations of these specifications, PennDOT Specification Publication 408 and other agencies as required.

All openings must be properly backfilled at the end of each work day unless special approval is obtained from the Engineer. The site shall be made safe to the maximum extent possible at the end of each work day and appropriate signage and barricades shall be placed to identify hazardous conditions to the public restricting un-authorized access to the area.

All disturbed areas requiring seeding will be seeded and mulched and soil supplements applied, as specified by PennDOT Specifications, Publication 408, latest edition, and all Supplements thereto, as directed by the Engineer.

In areas requiring seeding, the top six inches (6") must be topsoil and soil supplements applied in lawn type areas and in other areas soil supplements and/or topsoil may be added as directed by the Engineer.

When working within the right of way of all Commonwealth of Pennsylvania roads, the Contractor shall conform to the Traffic Control Requirements of PennDOT's Publication No. 203.

G. Special Notice Regarding Asbestos Containing Material (ACM)

The contractor shall assume in their bid that the demolition debris contain asbestos materials and shall comply with all rules and regulations of the Commonwealth of Pennsylvania regarding demolition of structures having ACM and the proper disposal of ACM. Copies of the Department of Environmental Protection, Bureau of Air Quality, form 2700-FM-AQ0021 Rev. 11/2007, ASBESTOS ABATEMENT AND DEMOLITION/RENOVATION NOTIFICATION FORM is included as an attachment to Section I, LOCATION, SCOPE, AND SPECIAL REQUIREMENTS. Also included is the DEP Fact Sheet, 2700-FS-DEP2396, UNDERSTANDING ASBESTOS. The bidders shall be fully informed and understand the complete requirements of demolition involving ACM.

The contractor shall also provide an alternate bid for the same demolition work as described in the contract documents under the assumption that no ACM's are present at the site. Once testing for ACM's have been completed by the contractor, the bid amount appropriate for the actual ACM conditions present at the site will be the agreed to contract price as stipulated in the Agreement.

SECTION II- DEMOLITION

2.01 SCOPE OF WORK

- A. The work to be performed is the demolition of the Fayette County Court House's decommissioned exhaust chimney previously serving the Boiler Room and the disposal of all demolition debris, material, junk and rubbish to an approved off-site disposal area in accordance with the rules and regulations of the Commonwealth of Pennsylvania regarding the disposal of Asbestos Containing Materials (ACM). The demolition work is to be performed in a manner assuming the demolition debris contains asbestos materials. The Contractor shall be responsible for obtaining the necessary inspections and certifications regarding ACM and demolition operations.
- B. The contractor is herein advised that the existing structures condition is unstable due to age and freeze-thaw damage and the contractor shall exercise extreme caution in the

demolition operations so as to prevent damage or contamination to existing structures, facilities and utilities immediately adjacent to the work. The structures foundation shall be removed to a depth of three (3) feet below the existing grade and the area and all openings or voids backfilled and compacted with 2A material and topped with a minimum 6 inches of asphalt overlay.

- C. All operations in connection with demolition shall be completed in a workmanlike manner acceptable to the Fayette County Public Works Department official.
- D. Upon receiving a "Notice of Award" from the Fayette County Commissioners, the Contractor shall not commence work, nor shall he remove nor permit to be removed from the site of demolition, any materials until the Contractor has received a written "Notice to Proceed" from the Fayette County Public Works Department. The "Notice to Proceed" will be issued within thirty (30) days of the "Notice of Award" or the contact "Notice of Award" shall be null and void. The contractor shall be entitled to no compensation of any type for any activity or expense of any kind taken on their part prior to receiving the "Notice to Proceed".

2.02 REGULATORY REQUIREMENTS

- A. Obtain all required permits and pay all fees. The Contractor shall be responsible for obtaining the necessary inspections, certifications, and permits regarding ACM and demolition operations.
- B. Comply with all applicable federal, state, county and city codes, ordinances and regulations.
- C. Establish an approved sequence of work with owner and engineer and adhere to this predetermined schedule, working only in areas as they are made available.
- D. The Contractor engaged to perform the demolition work covered under these specifications shall abide by all safety regulations as stated in the latest edition of "Regulations for Demolition Work", by the Department of Labor and Industry, Harrisburg, Pennsylvania, and these regulations shall become a part of the above specifications.
- E. All persons in the demolition area must wear approved "hard hats" and the appropriate personal safety equipment consistent with the work environment. All scaffolding and false work must comply with Occupation Safety and Health Administration (OSHA) Standards and regulations.
- F. The Contractor shall allow only authorized persons on the site of the work at any time. Any person working on the site shall have prominently displayed an approved identification indicating the name of the Contractor, together with an identification number. Hard hats will be approved identification. These precautions are necessary due to the inherent activities present at the courthouse and adjoining jail facilities.

2.03 EXECUTION

- A. If deemed necessary by the Fayette County Public Works Department official, before the work is commenced, thorough and efficient measures shall be taken to prevent migration of rodents and other pests by approved effective extermination methods. The Contractor shall employ only experienced exterminators, display warning signs in conspicuous places, and begin extermination three (3) days prior to demolition of any structure if directed to do so by the Fayette County Public Works Department official. Methods and materials shall not be permanently injurious to persons or domestic animals.
- B. All pre-existing utility laterals will be capped as directed by the Engineer or the Fayette County Public Works Department official by the Contractor and approved by an inspector for the affected utility before any demolition starts. All other impacted utilities will be severed and/or disconnected by the respective companies at the direction of the Fayette County Public Works Department official. The disconnection of these utilities shall, however, be verified by the Contractor before demolition is started.
- C. The successful bidder to whom the Contract is awarded agrees hereby to indemnify and hold harmless the Fayette County Commissioners and any of its employees, from all suits, actions or claims, of any character, time and description brought for or on account of injuries or damages received or sustained by any person, persons or property, by or from the successful bidder, or by or in consequence of any neglect in safeguarding the work or in the performance of the work, or through defective workmanship of materials, or by or on account of any omission or misconduct of the successful bidder or any of his representatives, servants or employees.
- D. Due to the nature of the activities and operations at the Fayette County Courthouse and nearby Fayette County Jail, the Contractor shall cooperate fully with all security measures as necessary and as directed by the appropriate authorities overseeing and conducting such operations.
- E. During the demolition of the structure, the work shall be kept thoroughly wetted down to prevent the spread of dust. The Contractor shall provide necessary water and connections therefor.
- F. The Contractor shall leave contiguous buildings in a safe condition, and shall not deface, mar, hurt or jeopardize any adjacent buildings, and any damage done to such adjacent or nearby buildings shall be repaired or restored by the Contractor at his own expense to the satisfaction of the Fayette County Public Works Department official.
- G. Demolition of structures shall include removal of all masonry, or brick debris, asphalt, pipes, attachments and wood materials within the Project Area as specified, including such items above or below grade to a depth not less than three (3) feet. The concrete foundation shall be left in place and the top surface area is to be clear of any mortar, brick or chimney remnants for a flat surface.

- H. All driveways, parking areas, concrete or asphalt areas removed or damaged as part of the demolition operations are to be repaired to the same or better condition as existed prior to the Contractors operations. The contractor shall photo-document conditions prior to the start of work and bring to the attention of the Fayette County Public Works Department official any pre-existing damages or conditions.
- L. Demolition of the portion of the chimney structure above the elevation of the adjoining Boiler Building's slate roof shall be by hand methods in a continuous top down manner such that debris is not allowed to fall onto the adjoining roof. Demolition below the elevation of the adjoining roof shall be undertaken in a manner so as to prevent any damage to the adjoining structures.
- M. All miscellaneous fixtures shall be removed from the area of demolition.
- N. Demolition debris will not be permitted in the backfill unless authorized by the Fayette County Public Works Department official and only if certified as not containing hazardous materials (ACM).
- O. Backfill material shall contain no wood or unstable material. All backfill material is subject to the approval of the Fayette County Public Works Department official who shall be notified before any backfilling is started.
- P. The Contractor shall furnish at his expense all additional materials required for filling subsurface areas to the grade of the surface of the adjoining ground. Said material required shall be of a quality acceptable to the Fayette County Public Works Department official, and a sufficient quantity shall be on hand to insure uninterrupted progress in completing the backfilling. On completion of the demolition, any voids or depressions shall be filled to a level not higher than the existing grade. All backfilling shall be done in twelve (12") inch layers, and each layer compacted by appropriate effective methods. The excavated area of the foundation and any adjoining asphalt damaged or disturbed by the demolition operations shall be replaced with a minimum six (6) inches of asphalt and all seams are to be sealed with an approved asphaltic emulsion.
- Q. No burning shall be permitted on the site. Combustible material shall be conveyed off-site and properly disposed of by the Contractor.
- R. All materials which are not salvaged nor approved for use as backfill shall be conveyed off site to an approved landfill site. An approved site is one which has received a Solid Waste Disposal Permit or stipulation from the Pennsylvania Department of Environmental Resources.
- S. The Contractor shall remove all debris and equipment and dispose of all material from the site of the work, and leave the ground clear of all materials, rubbish and debris, and in a clean and neat condition, once demolition of the structure is completed.

- T. The Contractor shall remove from the site all refuse or other materials of any kind, including sweeping the surface of vacant lots in the project area of any debris or garbage resulting from the Contractors operations. Upon completion of the work, the site shall be free of debris, garbage or construction materials.
- U. No demolition work shall be performed between the hours of 6:00 P.M. and 7:00 A.M., Monday through Saturday. Work is also prohibited on Sundays. Only in the case of an emergency and with prior Fayette County Public Works Department official consent may any work be performed during the above prohibited periods.

SECTION III-EARTHWORK

3.01 SCOPE OF WORK

- A. Work Required. Work to be performed under this section consists of furnishing all labor, materials, equipment necessary to perform excavation, filling, backfilling, grading, and compacting, in areas disturbed or damaged as a result of the demolition of the foundation, or as a result of the construction activities of the Contractor. Damaged pavement surfaces shall be repaired or replaced with material consistent with the existing pavement materials.
- B. Requirements of Regulatory Agencies. Contractor shall fully comply with all applicable laws, ordinances, safety requirements, codes and regulations of federal, state and local governing bodies having jurisdiction.
- C. Classification of Excavation: All earthwork shall be included in common excavation. This shall include rock or mass concrete excavation.
- D. Reference Specifications: The following publications of the issue in force at time of bidding form an integral part of this Specification:
 - 1. Pennsylvania Department of Transportation (PennDOT) form 408
 - 2. American Society for Testing and Materials:
 - ASTM D 4253 and D 4254 Relative Density
 - ASTM D 1557 Moisture Density Relations
 - ASTM D 2167 or 2922 Density of Soil in Place
- E. Subsurface Conditions
 - 1. Test Borings. **No subsurface investigation was completed.** No responsibility is assumed by Owner for subsoil quality or condition.
 - 2. Utilities. Utility structures or service lines not previously identified or uncovered during excavation shall be immediately reported to Fayette County Public Works Department official. In no case will the Owner be responsible for damage done to

utilities by the Contractor. It is the responsibility of the Contractor to notify Pennsylvania One Call (800-242-1776) one week prior to the start of construction.

F. Testing of Soil

1. A qualified inspector in the employ of the Owner will perform observation work and testing of soils as deemed appropriate to insure the work is satisfactory and meets specifications herein. The services of the Inspector will include, but will not be limited to the following:
 - A. Observation of excavation and over-excavation of the foundation, footings and slabs.
 - B. Observation during dewatering if necessary.
 - C. Observation during backfilling and compacting.
 - D. Laboratory testing and analysis of fill materials if material certifications are not provided to the Contractor from an approved material supplier listed in PENNDOT's Bulletin 15.
 - E. Observation of compaction and placement of asphalt materials.
3. If testing is necessary, the results of those tests will be submitted to the Owners Representative, with copy to the Contractor.
4. During the course of construction, the Soils Engineer will advise the Owner, in writing, with copy to the Contractor, if at any time work does not, in his opinion conform to the specifications.
5. Neither the presence of the Soils Engineer nor any observation and testing performed by him nor any notice or failure to give notice, shall excuse the Contractor from defects discovered in the work.
6. The Soils Engineer's presence does not include supervision or direction of the actual work by the Contractor.
7. Tests for backfilling. The purpose of the test is to assure minimum required densities are being achieved. Tests for backfilling at the site shall be performed by simple observation unless it is deemed necessary by the Engineer that compaction tests are appropriate. A level of compaction shall be achieved to provide a minimum allowable bearing pressure of 3,000 pounds per square foot and preclude excessive settlement. Acceptance of backfill will be at the discretion of the Engineer and deemed acceptable if pumping or movement of the backfill material during compaction does not occur.

F. Tolerances

1. Certification. Tolerance of rough grading shall be plus or minus one-tenth (± 0.1) foot.

- G. Dewatering: Unless otherwise specifically authorized in writing, all operations in this Section shall be performed in dry surroundings. Any water encountered, either surface or sub-surface, including water generated by the contractor to eliminate dust, and shall be removed by pumping or any other such suitable approved means.
1. Contractor will at all times protect adjacent properties from damage due to excavation and filling. Such damage shall be repaired at Contractor's expense at no additional cost to the Owner.
 2. Contractor shall use all precautions necessary to prevent damage or interruptions of service of any utility and shall be responsible for any and all damage to existing structures, utilities, etc. from operations under this Contract.
 3. Contractor shall employ barricades and lanterns, erect and maintain temporary fences and guardrail and other such provisions necessary for safe and expeditious progress of work and to safeguard against any damage to life and property.
- H. Definitions. AASHTO 2A Aggregate Backfill Material meeting the specifications of Publication 408, Section 704 Aggregate, from an approved PennDOT material supplier listed in PennDOT Bulletin 15, will be acceptable for all backfilling at this project.

3.02 EXCAVATION AND BACKFILL-GENERAL

The Contractor shall excavate, protect and backfill all foundations, trenches, and other excavations that may be necessary for completing the work to be done under the contract. All excavation shall be in open cuts, except where and to such extent as the Engineer may authorize or direct that the same be done by boring or jacking, or where such is specified in the Special Requirements of the Specifications. Trenches may be, in general, excavated and backfilled either by machinery, or by hand as the Contractor may elect, provided that the Engineer is empowered wherever he shall decide that such necessity exists, to direct that hand excavation be employed; and provided further, that backfilling by hand shall be done to the extent hereinafter specified. The Contractor shall have no claim for extra compensation due to the fact that hand, instead of machine excavation may be necessary from any cause whatever.

The Contractor shall perform all excavation of every description and of whatever substances encountered, to the lines and grades or depths indicated as specified herein, or as directed by the Engineer to a depth not to exceed three feet below surrounding grade. All excavated material not required for backfill shall be removed and wasted or otherwise disposed of as directed or specified.

3.03 CLASSIFICATION

Unless otherwise noted in these contract documents all trench excavation as required by the specifications shall be considered as unclassified excavation, with no additional payment being made in the event rock, quicksand, muck or other unsuitable material encountered in the construction of such work, nor will any additional compensation be made for providing and

installing suitable backfill material where required except where specified proposal items cover a particular backfill material.

3.04 SHEETING, SHORING AND BRACING

The work covered by this section includes the furnishing and installing of plank sheeting, bracing, shoring, scaffolding or false works. All work performed and materials used shall be in conformity with the requirements of the State Department of Labor and Industry and other state and local laws and requirements including Occupation Safety and Health Administration (OSHA) Standards for excavations and construction.

Materials for sheet piling, sheeting, bracing and shoring shall be furnished by the Contractor for excavation and construction, or wherever required by the Engineer to protect the workers and the public or to maintain trench stability, regardless of whether the same is or is not considered necessary by the Contractor.

Wherever in the opinion of the Engineer, the materials being used or the method being followed do not comply with the specifications or are not in conformance with generally accepted practices for that type of work, the Engineer may stop that phase of the work. Any such stoppage shall not be the basis for any claim for damages against the Owner or Engineer.

All sheeting, braces, or shores shall be so arranged that they may be withdrawn as the trenches are backfilled, without injury to the utilities or appurtenance and without injury to or settlement of adjacent structures and pavements.

Sheeting, bracing, and shores shall be withdrawn and removed as the trenches are being backfilled, except where and to such an extent as the Engineer shall require, in writing, that the same be left in place, or where he shall permit the Contractor to leave the same in place at the Contractor's own request and cost. The Contractor shall cut off any sheeting or shoring a minimum of three feet below adjoining finished grade where such shoring or bracing is to be left in place. The contractor shall not be entitled to any additional compensation for such cutting off or removal.

In withdrawing sheeting and sheet piling, special care shall be taken to insure that all voids or holes are filled with satisfactory material and thoroughly compacted to avoid settlement.

All work performed and materials used shall be in conformity with the requirements of the State Department of Labor and Industry and other state and local laws and requirements. The failure or refusal of the Engineer to require the use of sheeting or shoring or a better quality or larger sizes of timber, or to require sheeting, bracing, or shores to be left in place, shall not in any way or to any extent relieve the Contractor of any or all of his obligations under the contract, nor impose any liability on the Engineer or the Owner.

3.05 PUMPING

The Contractor shall keep all excavations free from water, at his own expense, while demolition work is in progress, and to such extent as may be necessary while excavation work is being performed. The Contractor shall provide all devices necessary for this purpose, including providing and operating pumps of sufficient capacity for dewatering the excavations. He shall provide for the disposal of the water removed from excavations in such manner as shall not cause injury to the public health, to public or private property, to any portion of the work completed or in progress, or provide any impediment to the use of the highways, roads, lanes, parking areas, emergency routes and streets by the public. Any discharge into adjacent stormwater systems shall be properly filtered to remove all sediment and debris.

3.06 EXECUTION

- A. Contractor shall take all necessary precautions to prevent damage and erosion due to runoff onto any adjoining grass areas or into any adjacent catch basins or drainage features, parking areas, or walkways. Any grass area disturbed by the Contractors operations shall be restored by rough grading disturbed areas (6") six inches below finish grade, placement of a six inch (6") layer of topsoil and stabilizing and seeding the area in accordance with the specification under Section 3.08.
- B. Excavation:
 - 1. Contractor shall limit any excavation to the minimum necessary to remove the existing foundation. Any excess excavation beyond a three foot (3') limit projected from the extremities of the exposed base of the chimney shall be the responsibility of the Contractor and at no additional compensation. The thickness of subbase below asphalt and within parking areas shall be taken as eighteen inches (18") for the purpose of regrading and backfilling.
 - 2. Unsuitable excavated material shall be disposed off-site in a legal manner. In areas where pavement replacement is required, the subgrade shall be compacted prior to placement of subbase materials and asphalt. Acceptance of backfill will be at the discretion of the Engineer and deemed acceptable if pumping or movement of the backfill material during compaction does not occur. The contractor will be required to remove any soft or otherwise unsuitable material and backfill to grade with suitable material as directed by the Owners' Inspector.
- C. Maintenance of Grades. During construction ditches and drains within the work area shall be properly maintained and protected in such a manner as to drain effectively at all times. Finished grades or subgrades shall not be disturbed by traffic or other operations and shall be maintained and protected at all times by Contractor in a satisfactory condition until construction is completed.
- D. Clean-Up. Unsuitable material resulting from earthwork operations, debris and foreign material shall be disposed off-site in a legal manner.

3.07 ACCOMMODATION OF TRAFFIC

Streets shall not be unnecessarily obstructed. The Contractor shall take such measures at his own expense, as may be necessary to keep any adjoining street or road open and safe for traffic.

The Contractor shall construct and maintain without extra compensation, such adequate barricades and warning signage to protect the traveling public from any hazards resulting from the Contractors operations.

The Contractor shall not obstruct fire hydrants.

The streets, crosswalks, and sidewalks shall be kept clean, clear and free for the passage of vehicles or pedestrians, unless otherwise authorized in writing by the Engineer or the Fayette County Public Works Department official. A straight and continuous passageway on sidewalks and over crosswalks, at least three feet in width, shall be preserved free from all obstructions.

Where deemed necessary, such additional passageway as may be directed shall be maintained free of obstructions.

3.08 RESTORATION OF PROPERTY

All shrubbery, hedges, trees, fences, walkways, parking areas etc., damaged or removed as part of the construction demolition shall be replaced to a condition equal to that before construction. Reseeding and mulching of disturbed grass areas is to be done immediately, weather permitting.

Before seeding, the topsoil shall be loosened to a depth of at least two inches (2") and raked to remove all large stones. Lime shall be applied to the surface at a rate of 100 lbs. per 1000 square feet of area: lime shall be raw, finely ground limestone. At least one full week after the lime has been applied. 5-10-2 fertilizer shall be applied at the rate of 50 pounds per acre. Seed mix shall be as follows:

38.5%	Kentucky Bluegrass
24.75%	Creeping Red Fescue
10.80%	Perennial Rye
10.30%	Annual Rye
2.05%	Red Top
10.60%	Inert Matter

Seed shall be equal to those manufactured by Seaboard Seed Company or Standford Seed Company. Seed shall be applied at the rate of 1 lb. Per 200 square feet. The seed shall be raked or brushed in the area covered with ¼" of peat moss. The Contractor shall be responsible for reseedling / restoring any disturbed grass areas until a ground cover of 70% grass growth is achieved.

All restoration work shall be guaranteed by the Contractor for a period of one year from the date of final completion and acceptance. In event that any improvement or correction of such

restoration work as deemed necessary by the Engineer is not complied with by the Contractor within a reasonable period of item stipulated by the Engineer in his notice of such condition to the Contractor, the Owner may have such work done by others with costs of said work to be charged to the Contractor and deducted from any moneys due or to become due him under the contract.

3.09 RESPONSIBILITY FOR CONDITION OF EXCAVATION

The Contractor shall be responsible for the condition of all excavations made by him. All slides and cave-ins shall be removed without extra compensation, under whatever circumstances they may occur.

The neglect, failure, or refusal of the Engineer to order the use of bracing or sheeting, shall not in any way or to any extent relieve the Contractor of any responsibility concerning the condition of any excavation or of any of his obligations under the contract. Any delay, whether caused by an action on the part of the Contractor, or by any act of the Owner, or his agents, or employees, that results in keeping an excavation open longer than would otherwise have been necessary, shall not relieve the Contractor from the necessity of properly and adequately protecting the excavation or his obligations under the contract relating to injury to persons or property.

3.10 PROTECTION OF PROPERTY AND STRUCTURES

The Contractor shall, at his own expense, sustain in their places, and protect from direct or indirect injury, all other structures or property in the vicinity of his work, whether above or below the ground. The contractor shall be responsible for supporting any structures that are uncovered, undermined, endangered, threatened, or weakened by his operations.

The Contractor shall take all risks attending the presence or proximity of pipes, poles, electrical lines, tracks, walls, buildings and other structures and property, of every kind and description, in or over his trenches, or in the vicinity of his work, whether above or below the surface of the ground; and he shall be responsible for all damages and assume all expense for direct, or indirect injury, caused by his work to any of them, or to any person or property by reason of injury to them, whether such structures are or are not part of the actual demolition.

3.11 MANDATORY PRE-BID MEETING

All contractors interested in bidding on this project will be required to attend a pre-bid meeting at the site of the project. The date and time of the pre-bid meeting will be Friday April 8, 2016 at 10:00 A. M. We will meet in the Basement Office of the Director, Public Works and walk to the job site at that time.

Contractors will be required to submit with their bids, a brief narrative describing the method of demolition, equipment, scaffolding, and identify an approved disposal site for demolition debris.

A copy of the pre-bid meeting notes identifying any revisions, changes, stipulations or other modifications to the specifications will be provided to each bidder attending the mandatory pre-

bid meeting and shall be signed by the contractor and included as an attachment to the bid documents.