

PENNSYLVANIA GAME COMMISSION

**S.B. 474 BUILDING DEMOLITION
Penn Township, Berks County**

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TECHNICAL SPECIFICATIONS

The following stipulations, specifications and description of Work are defined and described as Technical Specifications and it is understood and agreed that everything herein contained is hereby made part of the Contract. Wherever any feature of the Work is not fully set forth in these Technical Specifications and is necessary for the completion of Work, it shall be understood that the same is governed by the rules of the best prevailing practice for that class of Work, as determined by the Pennsylvania Game Commission and its representatives.

These Technical Specifications and any drawings, maps and/or plans forming a part thereof, will cover the furnishing of all labor, equipment, tools, materials, and related items necessary to perform the Work, as required under this Contract.

Section 1 – Summary of Work

Section 2 – Building Demolition

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ATTACHMENTS

The following Attachments are included:

Drawings (with location map)

Details

PROJECT SPECIFICATIONS

The Contractor shall comply with the *Contract Terms and Conditions* provided with the Bid Documents including but not limited to the following:

INSURANCE REQUIREMENTS – In accordance with the *Contract Terms and Conditions*, the Contractor is required to have in place during the term of the Contract and any renewals or extensions thereof, the following types of insurance, issued by companies acceptable to the Commonwealth and authorized to conduct such business under the laws of the Commonwealth of Pennsylvania:

- A. **Worker's Compensation Insurance** for all the Contractor's employees and those of any subcontractor, engaged in Work at the site of the project as required by law.
- B. **Public Liability and Property Damage Insurance** to protect the Commonwealth, the Contractor, and any and all subcontractors from claims for damages for personal injury (including bodily injury), sickness or disease, accidental death and damage to property including the loss of use resulting from any property damage, which may arise from the activities performed under the Contract or the failure to perform under the Contract, whether such performance or non-performance be by the Contractor, by any subcontractor, or by anyone directly or indirectly employed by either. **The minimum amounts of coverage shall be \$250,000 per person and \$1,000,000 per occurrence for bodily injury, including death, and \$250,000 per person and \$1,000,000 per occurrence for property damage.** Such policies shall be occurrence rather than claims-made policies and shall not contain any endorsements or any other form designated to limit and restrict any action by the Commonwealth, as an additional insured, against the insurance coverage regarding Work performed for the Commonwealth.

Prior to commencement of the Work under the Contract and at each insurance renewal date during the term of the Contract, the Contractor shall provide the Commonwealth with current certificates of insurance. **These certificates or policies shall name the Commonwealth AND Pennsylvania Game Commission as additional insured and shall contain a provision that the coverage's afforded under the policies will not be cancelled or changed until at least thirty (30) days written notice has been given to the Commonwealth.**

COMPLIANCE WITH LAW – The Contractor shall comply with all applicable federal and state laws and regulations and local ordinances in the performance of the Contract.

WORKMANSHIP - All Work shall be performed in a Workmanlike manner and all materials and labor shall be in strict and entire conformity with the Drawings and Specifications.

INSPECTION AND CHANGES - All Work is subject to inspection and acceptance by the Pennsylvania Game Commission. Any Work rejected as defective or unsuitable shall be removed and replaced with suitable Work and materials at the sole cost of the Contractor to the complete satisfaction of the Game Commission.

Changes shall be in accordance with the *Contract Terms and Conditions*.

TEMPORARY SERVICES AND JOB CONDITIONS - The Contractor shall be responsible for providing all temporary facilities necessary to execute and protect the Work. The Contractor shall accept all conditions as found upon examination of the site and shall coordinate, plan, and execute the Work accordingly. The Contractor shall cooperate in the arrangements of the Work as necessary to least affect the administration or operations of existing buildings, facilities, and infrastructure. The Contractor shall keep the Work site clean at all times.

PREVAILING WAGE – Prevailing minimum wages do not apply to this project.

PAYMENT TERMS - A schedule of values is provided with the bid. Payment will be made on a monthly basis upon satisfactory completion of items listed on the Schedule of Values and in accordance with the *Contract Terms and Conditions*.

All payments due to the Contractor shall be processed after all Work has been inspected and approved by an agent of the Pennsylvania Game Commission. Payment will not be made for Work that is not progressing satisfactorily or for unsuitable or defective Work.

Payments may be withheld for failure to provide required documentation for the project including but not limited to required submittals / shop drawings and weekly submission of Certified Payrolls.

INVOICING – All Project invoices shall be submitted directly to:

*Austin Kieffer, P.E., Chief – Engineering Division
Pennsylvania Game Commission
2001 Elmerton Avenue
Harrisburg, PA 17110
Office: 717-787-4250, ext. 73613
Email: akieffer@pa.gov*

All invoices must be submitted in black and white with no color and shaded areas. Invoices must include the Purchase Order Number, Contractor's SAP Vendor Number, and the Contractor's name and address as listed on the Purchase Order. Payment items on invoices shall match the items on the Purchase Order. Failure to submit invoices that meet these requirements will result in delay of payment.

Please Note: Vendors are reminded **NOT TO INCLUDE** employer identification numbers, Social Security Numbers, bank account information, or other personally identifiable information on their invoices. That information is uniquely tied to the SAP Vendor Number and, for security purposes, should not be explicitly stated on an invoice.

CONTRACT TERM - The Contract shall commence upon delivery of Purchase Order to Contractor (estimated to be March 31, 2023) and shall terminate on **June 30, 2023**. Contract time is of the essence of the Project. All Work must be completed and accepted by this date.

EXCISE TAXES, PENNSYLVANIA SALES TAX - The Commonwealth is exempt from all Excise Taxes. See *Contract Terms and Conditions*.

OFFSET PROVISION - The Contractor agrees that the Commonwealth may set off the amount of any state liability or other debt of the Contractor or its subsidiaries that is owed to the Commonwealth and not being contested on appeal against any payments due the Contractor under this or any other contract with the Commonwealth.

PERFORMANCE SECURITY / CONTRACT BONDS –

A **Performance Bond** is not required for this contract.

A **Payment Bond** is not required for this contract.

GUARANTY / WARRANTY – See *Contract Terms and Conditions* – all items are warranted for a period of one year following delivery by the Contractor and acceptance by the Commonwealth.

HOLD HARMLESS PROVISION - See *Contract Terms and Conditions* - The Contractor shall hold the Commonwealth harmless from and indemnify the Commonwealth against any and all third party claims, demands and actions based upon or arising out of any activities performed by the Contractor and its employees and agents under this Contract, provided the Commonwealth gives Contractor prompt notice of any such claim of which it learns.

ADDITIONAL PROVISIONS -

Contractor shall comply with the conditions listed below in accordance with the *Contract Terms and Conditions*:

- A. **Steel Products Procurement Act**
- B. **Prohibition Against the Use of Certain Steel and Aluminum Products (Trade Practices Act)**
- C. **Reciprocal Limitations Act** - The form GSPUR89 (*Reciprocal Limitations Act Requirements*) is attached. The Contractor shall complete the applicable portions of pages 3 and 4 of the form and submit the completed pages within two days after the bid opening.

RECIPROCAL LIMITATIONS ACT REQUIREMENTS

Please Complete Applicable Portion of Pages 3 & 4 and Return with Bid.

NOTE: These Requirements Do Not Apply To Bids Under \$10,000.00

I. REQUIREMENTS

- A.** The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering supplies produced, manufactured, mined or grown in Pennsylvania as against those bidders offering supplies produced, manufactured, mined or grown in any state that gives or requires a preference to supplies produced, manufactured, mined or grown in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular supply.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state supplies and the amount of the preference:

	STATE	PREFERENCE
1.	Alaska	7% (applies only to timber, lumber, and manufactured lumber products originating in the state)
2.	Arizona	5% (construction materials produced or manufactured in the state only)
3.	Hawaii	10%
4.	Illinois	10% for coal only
5.	Iowa	5% for coal only
6.	Louisiana	4% meat and meat products 4% catfish 10% milk & dairy products 10% steel rolled in Louisiana 7% all other products
7.	Montana	5% for residents * 3% for non-residents* *offering in-state goods, supplies, equipment and materials
8.	New Mexico	5%
9.	New York	3% for purchase of food only
10.	Oklahoma	5%
11.	Virginia	4% for coal only
12.	Washington	5% (fuels mined or produced in the state only)
13.	Wyoming	5%

- B.** The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering printing performed in Pennsylvania as against those bidders offering printing performed in any state that gives or requires a preference to printing performed in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular category of printing.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state printing and the amount of the preference:

	STATE	PREFERENCE
1.	Hawaii	15%
2.	Idaho	10%
3.	Louisiana	3%
4.	Montana	8%
5.	New Mexico	5%
6.	Wyoming	10%

- C.** The Reciprocal Limitations Act, also requires the Commonwealth to give resident bidders a preference against a nonresident bidder from any state that gives or requires a preference to bidders from that state or exclude bidders from states that exclude nonresident bidders. The amount of the preference shall be equal to the amount of the preference applied by the state of the nonresident bidder. The following is a list of the states which have been found by the Department of General Services to have applied a preference for in-state bidders and the amount of the preference:

STATE	PREFERENCE
1. Alaska	5% (supplies only)
2. Arizona	5% (construction materials from Arizona resident dealers only)
3. California	5% (for supply contracts only in excess of \$100,000.00)
4. Connecticut	10% (for supplies only)
5. Montana	3%
6. New Mexico	5% (for supplies only)
7. South Carolina	2% (under \$2,500,000.00) 1% (over \$2,500,000.00)
	This preference does not apply to construction contracts nor where the price of a single unit exceeds \$10,000.
8. West Virginia	2.5% (for the construction, repair or improvement of any buildings)
9. Wyoming	5%

STATE	PROHIBITION
1. New Jersey	For supply procurements or construction projects restricted to Department of General Services Certified Small Businesses, New Jersey bidders shall be excluded from award even if they themselves are Department of General Services Certified Small Businesses.

D. The Reciprocal Limitations Act also requires the Commonwealth not to specify, use or purchase supplies which are produced, manufactured, mined or grown in any state that prohibits the specification for, use, or purchase of such items in or on its public buildings or other works, when such items are not produced, manufactured, mined or grown in such state. The following is a list of the states which have been found by the Department of General Services to have prohibited the use of out-of-state supplies:

STATE	PROHIBITION
1. Alabama	Only for printing and binding involving "messages of the Governor to the Legislature", all bills, documents and reports ordered by and for the use of the Legislature or either house thereof while in session; all blanks, circulars, notices and forms used in the office of or ordered by the Governor, or by any state official, board, commission, bureau or department, or by the clerks of the supreme court . . . /and other appellate courts/; and all blanks and forms ordered by and for the use of the Senate and Clerk or the House of Representatives, and binding the original records and opinions of the Supreme Court . . . /and other appellate courts/
2. Georgia	Forest products only
3. Indiana	Coal
4. Michigan	Printing
5. New Mexico	Construction
6. Ohio	Only for House and Senate bills, general and local laws, and joint resolutions; the journals and bulletins of the Senate and house of Representatives and reports, communications, and other documents which form part of the journals; reports, communications, and other documents ordered by the General Assembly, or either House, or by the executive department or elective state officers; blanks, circulars, and other work for the use of the executive departments, and elective state officers; and opinions of the Attorney General.
7. Rhode Island	Only for food for state institutions.

*If the bid discloses that the bidder is offering to supply one of the above-listed products that is manufactured, mined, or grown in the listed state, it shall be rejected. Contractors are prohibited from supplying these items from these states.

II. CALCULATION OF PREFERENCE

In calculating the preference, the amount of a bid submitted by a Pennsylvania bidder shall be reduced by the percentage preference which would be given to a nonresident bidder by its state of residency (as found by the Department of General Services in Paragraph C_above). Similarly, the amount of a bid offering Pennsylvania goods, supplies, equipment or materials shall be reduced by the percentage preference which would be given to another bidder by the state where the goods, supplies, equipment or materials are produced, manufactured, mined or grown (as found by the Department of General Services in Paragraphs A and B above).

THIS FORM MUST BE COMPLETED AND RETURNED WITH THE BID

III. STATE OF MANUFACTURE

All bidders must complete the following chart by listing the name of the manufacturer and the state (or foreign country) of manufacture for each item. If the item is domestically produced, the bidder must indicate the state in the United States where the item will be manufactured. **This chart must be completed and submitted with the bid or no later than two (2) business days after notification from the Issuing Office to furnish the information. Failure to complete this chart and provide the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid.**

ITEM NUMBER	NAME OF MANUFACTURER	STATE (OR FOREIGN COUNTRY) OF MANUFACTURE

IV. BIDDER'S RESIDENCY

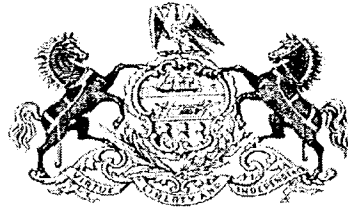
A. In determining whether the bidder is a nonresident bidder from a state that gives or requires a preference to bidders from that state, the address given on the first page of this invitation to bid shall be used by the Commonwealth. If that address is incorrect, or if no address is given, the correct address should be provided in the space below:

Correct Address: _____

- B.** In order to claim the preference provided under Section I.B., Pennsylvania resident bidders must complete the following or have such information on file with the Issuing Office:
1. Address of bidder's bona fide establishment in Pennsylvania at which it was transacting business on the date when bids for this contract/requisition were first solicited: _____
 2. **a.** If the bidder is a corporation:
 - (1) The corporation is or is not incorporated under the laws of the Commonwealth of Pennsylvania.
 - (a) If the bidder is incorporated under the laws of the Commonwealth of Pennsylvania, provide date of incorporation: _____
 - (b) If the bidder is not incorporated under the laws of the Commonwealth of Pennsylvania, it must have a certificate of authority to do business in the Commonwealth of Pennsylvania from the Pennsylvania Department of State as required by the Pennsylvania Business Corporation Law (15 P.S. §2001). Provide date of issuance of certificate of authority: _____
 - (2) The corporation is or is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must register the fictitious name with the Secretary of the Commonwealth and the office of the prothonotary of the county wherein the registered office of such corporation is located as required by the Fictitious Corporate Name Act, as amended 15 P.S. §51 et seq. Corporate bidders conducting business under an assumed or fictitious name must provide date of registry of the assumed or fictitious name: _____
 - b.** If the bidder is a partnership:
 - (1) The partnership is or is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must file with the Secretary of the Commonwealth and the office of the prothonotary the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended 54 P.S. §28.1. Partnerships conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth: _____
 - (2) The partnership is or is not a limited partnership formed under the laws of any jurisdiction other than the Commonwealth of Pennsylvania. If the bidder is an Out-of-state limited partnership, it must register with the Pennsylvania Department of State as required by the Act of July 10, 1981, P.L. 237, as amended, 59 Pa. C.S.A. §503. Out-of-state limited partnerships must provide the date of registry with the Pennsylvania Department of State: _____
 - c.** If the bidder is an individual:

He or she is or is not conducting business under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, he or she must file with the Secretary of the Commonwealth and the office of the prothonotary in the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended, 54 P.S. §28.1. Individuals conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth: _____

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF LABOR AND INDUSTRY
Bureau of Occupational and Industrial Safety



UNIFORM CONSTRUCTION CODE
DEMOLITION PERMIT

The plans for demolition of the building or structure named below have been reviewed by the Department of Labor and Industry and found to be in compliance with the Pennsylvania Construction Code Law(1999, November 10, P.L.491, No.45).

Permit Number 202000056
Permit Holder PA GAME COMMISSION
Address 2001 ELMERTON AVE
HARRISBURG PA 17110
Building/Structure Name GAME COMMISSION
STATE GAME LANDS 280 - CREW HQ HOUSE
Building Address 5923 BERNVILLE RD
BERNVILLE 19506
Political Subdivision: PENN TOWNSHIP
County: BERKS

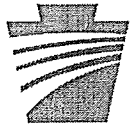
This permit authorizes the demolition of the above named building or structure in accordance with the Pennsylvania Construction Code Act, its regulations and all plans approved by the Department. A copy of this permit shall be retained at the work site until the completion of all construction.

File Number 538395
Date Issued 1/21/2020

A handwritten signature in black ink, appearing to read "Ron F. Englar".

Ron F. Englar
Building Code Official

This permit will become invalid, if the approved demolition has not commenced within 180 days of the date issued.



pennsylvania

DEPARTMENT OF LABOR & INDUSTRY

BUREAU OF OCCUPATIONAL & INDUSTRIAL SAFETY

Receipt of a UCC demolition permit does not relieve the permit holder of compliance responsibilities under other state or federal laws and regulations, including **but not limited to:** asbestos remediation, advanced notification to the PA Department of Environmental Protection and the US Environmental Protection Agency of demolition work, historic preservation and the capping of any sewer and water connections.

Department of Labor & Industry | BOIS Building Plan Review Division | 651 Boas Street, Room 1600
Harrisburg, PA 17121
717.787.3806 options 1, 8 | Fax 717.783.5002
www.dli.state.pa.us

*Auxiliary aids and services are available upon request to individuals with disabilities.
Equal Opportunity Employer/Program*

Uniform Construction Code (UCC)

INSPECTION LOG

THIS LOG MUST BE RETAINED AT THE CONSTRUCTION OR DEMOLITION SITE UNTIL THE COMPLETION OF ALL WORK AND MUST BE MADE AVAILABLE TO ALL DEPARTMENT CODE OFFICIALS, UPON REQUEST. All Inspections preceded by a "Y" must be performed in accordance with the approved construction documents and section 403.45 of the UCC before a "Certificate of Compliance or a Certificate of Occupancy and Use" will be issued. This document's only use is to inform the permit holder of required inspections and is to enable L&I staff to record the completion of these inspections during the course of the construction process. It is not intended to document the fulfillment of all required UCC obligations or establish the right to legally occupy the building or structure named below.

Drawing Index Number: 202000056
Building/Structure Name: GAME COMMISSION
Address: 5923 BERNVILLE RD
BERNVILLE PA 19506

File Number: 538395

Requests for inspections must be made in conformance with the Inspection Procedures Statement and should be directed to the inspector named below.

Inspector: George Inhof Jr (610)741-8644 ginhof@pa.gov				
If unavailable, contact Central Office: 717-787-1291 jecole@pa.gov				
REQUIRED	INSPECTION	INSPECTOR (PRINT)	INSPECTOR (SIGNATURE)	DATE ACCEPTED
	Footing Environment			
	Foundation			
	Concrete Under Slab/Floor			
	Underground Plumbing			
	Underground Mechanical			
	Underground Electrical			
	Plumbing Rough-in			
	Mechanical Rough-in			
	Electrical Rough-in			
	Framing			
	Insulation			
	Fire Protection			
	Accessibility Final			
	Energy Final			
	Mechanical Final			
	Electrical Final			
	Plumbing Final			
	Building Final			
Y	Demolition Final			
	Alterations Final			
	Sign Final			
	Structure Final			

TECHNICAL SPECIFICATION SECTION 1 - SUMMARY OF WORK

1.1 – SCOPE OF PROJECT

The intent of this project is to demolish and remove a 1-story wood frame / brick wall house measuring approximately 2,030 square feet on State Game Lands (SGL) #280 in Penn Township, Berks County. The work consists of demolition of the building, sidewalks, disposal of the building components and debris, disposal of interior items and disposal of outdoor items. The structure is on a concrete block foundation. Abandoning the water well is also included in the project and capping a sewer lateral. A moderate amount of site grading and clean-up is also required.

1.2 – WORK AREA

SGL #280 is in Penn Township, Berks County. The project site is located at 5923 Bernville Road, Bernville, PA 19506. The structure to be demolished is located on a relatively level area and accessible by a stabilized stone driveway. The area of disturbance is surrounded by grass and similar vegetation.

The site is owned by the Pennsylvania Game Commission (PGC). A location map is shown on the drawing.

1.3 – WORK HOURS

The work hours at the project site are during regular PGC business hours; Monday through Friday, 7:45 AM to 4:00 PM. Work during different hours must have prior written approval by the PGC. Requests for different working hours must be submitted in writing three (3) days in advance.

1.4 – ACCESS TO WORK AREA

Access to the project site and staging of equipment and materials shall be coordinated with the PGC. The Contractor shall keep access roads leading to the project sites open for use by the PGC. The Contractor is required to repair any ruts or other damage to the access road and parking areas caused by construction equipment. The site can be accessed by Route 183, Bernville Road.

1.5 – PERMITS, LAWS, AND REGULATIONS

The Contractor shall procure and pay for all permits, licenses, inspections, conveniences, or other approvals necessary for the execution of the contract. The PGC does not know if any other permits and approvals are necessary for this project excluding the demolition permit from Department of Labor & Industry (L&I), which was obtained January 21, 2020.

The demolition permit from L&I is attached to this section of the Technical Specifications. The contractor shall assist the PGC in contacting the L&I Inspector during the project to make sure required inspections take place.

The Contractor shall comply with all laws, ordinances, rules, orders, and regulations relating to the performance of the work, the protection of adjacent property, the maintaining of surface passageways, guard fences, and/or other protective facilities.

All applicable Federal and State laws and regulations, municipal ordinances and rules, and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they shall be deemed to be included in the contract as a part, thereof, the same as though herein written out in full.

All regulations of the Occupational Safety and Health Act are in effect on this contract. It will be the Contractor's responsibility to make themselves aware of all appropriate County, State and Federal regulations that apply to this contract.

Any violations incurred from improper execution of the above provisions shall be paid for by the Contractor. Loss of time on the project from such violations will not be tolerated.

1.7 – ROAD PERMITS AND BONDING

The Contractor shall coordinate, acquire, pay for, and maintain for the duration of the project all permits or bonds required by local municipalities and/or PennDOT to utilize public roads and infrastructure for heavy hauling and related construction activities. Responsibilities shall include any pre- or post- construction inspections and related reports, if required. All costs related to permitting and bonding public roadways and infrastructure shall be included with, and incidental to, the Bid submitted by the Contractor and will not be paid for separately.

TECHNICAL SPECIFICATION SECTION 2 – BUILDING DEMOLITION

2.1 – SCOPE

The work included in this section consists of the dismantling and disposal of the materials in the structure of the house at the site.

2.2 – PROCEDURE

- A. **General** – The Contractor shall inspect the building to determine the stability of the structure and formulate a plan to demolish the structure in a safe manner. All components of the building are to be removed from the site. Blasting or burning for demolition is not permitted and burning demolished building components or litter on-site is not permitted. The Contractor is permitted to salvage any components of the building for their own use so long as the salvage does not prolong the demolition process.

The PGC will arrange for disconnection of the utility lines from the house before the demolition project begins. The Contractor shall locate the water line and sewer line that connect to the house. Follow and remove the lines to water well at the site. Septic and all associated lines are to remain.

- B. **Demolition** – Furnish all labor, equipment, and materials necessary to demolish the structure completely and remove the building components from the site. The building can be knocked down and removed or disassembled piece by piece. All building components are considered property of the Contractor and can be salvaged and sold by the Contractor to offset the costs of the project.
- C. **Foundation and Floor Slab** – The house foundation is to be removed 24-inches below finished grade. Broken pieces of concrete may be used as fill material. Only non-biodegradable materials are to be used as fill material.
- D. **Disposal** – All demolished building materials are to be removed from the site. The Contractor is encouraged to salvage and recycle any of the building materials. Building materials that cannot be salvaged or recycled shall be disposed of at an approved landfill or incinerator. The Contractor shall adhere to all Pennsylvania Department of Environmental Protection (PADEP) solid waste disposal regulations. The Contractor shall supply copies of all landfill receipts for the demolished material to verify that proper disposal procedures were followed. Receipts for materials salvaged by the Contractor are not required.
- E. **Site Conditions** – All debris, equipment and material are to be removed from the site. The Contractor shall leave the building demolition site in a clean and natural condition. The finished grade shall match the existing site contours.

Refer to Section 6 of the Technical Specifications for requirements on seeding and site stabilization.

2.3 – MEASUREMENT AND PAYMENT

Lump Sum.

TECHNICAL SPECIFICATION SECTION 3 – DISPOSAL OF INTERIOR ITEMS

3.1 – SCOPE

The work included in this section consists of removing and disposing of interior items in the house.

3.2 – PROCEDURE

Remove and dispose of the items contained in the house. These items include, but are not limited to, the following:

- Kitchen Cabinets and Countertops
- Appliances (Stove)
- Mechanical Equipment (Water heater)
- Furniture (Desks, Filing Cabinets, etc.)
- Hardwood Floors
- Miscellaneous Household Goods
- Window Treatments
- Light Fixtures
- Several Paint Cans and Aerosol Cans

The Contractor can salvage and keep these items. If the Contractor does not want these items, all items are to be disposed of according to PADEP regulations. The Contractor is required to provide receipts to the PGC certifying that these items have been properly disposed of.

3.3 – MEASUREMENT AND PAYMENT

Lump Sum.

TECHNICAL SPECIFICATION SECTION 4 – REMOVAL OF OUTDOOR ITEMS

4.1 – SCOPE

The work included in this section consists of removal and disposal of items outside the house in the lawn area surrounding the building.

4.2 – PROCEDURE

Remove and dispose of the items located outside the house. These items include but are not limited to the following:

- (1) 18-foot-long fiberglass boat with inboard motor

The Contractor can salvage and keep these items. If the Contractor does not want these items, all items are to be disposed of according to PADEP regulations. The Contractor is required to provide receipts to the PGC certifying that these items have been properly disposed of.

4.3 – MEASUREMENT AND PAYMENT

Lump Sum.

TECHNICAL SPECIFICATION SECTION 5 – ABANDON WELL AND SEPTIC

5.1 – SCOPE

The work included in this section consists of disconnecting the well from the house supply lines. The well is to remain intact, but all services are to be disconnected leading to the well.

5.2 – PROCEDURE

Excavate around the well casing to expose 3-feet of the casing below the proposed finish grade. Cut the casing of 2-feet below the proposed finish grade. If there is a pump and wires in the casing, remove them.

Locate the septic system outside the house. Sewer lateral from residence is to be capped immediately outside basement foundation before demolition.

MEASUREMENT AND PAYMENT

Lump Sum.

TECHNICAL SPECIFICATION SECTION NO. 6 – SEEDING

6.1 - SCOPE

This work is securing a satisfactory stand of grass at all disturbed areas which includes preparation of the seed bed, furnishing and placing lime and fertilizer, furnishing and sowing of seed, mulching, and maintaining and tending the seeded areas. Prior to seeding, the importing of fill and topsoil is likely to be anticipated to restore the site to native appearance.

6.2 - APPLICABLE ACTS AND PUBLICATIONS

- Bulletin 15 - Approved Construction Materials, Pennsylvania Department of Transportation.
- Pub 408. - Specifications, Pennsylvania Department of Transportation.

6.3 - MATERIALS

A. **Seed** - Use PennDOT Formula “W” seed mix conforming to Section 804.2b of Pub. 408.

Deliver premixed seed in bags or other suitable containers, each fully labeled with the name, trademark, and warranty of the producer and with the mixture type and mix formula or composition. Do not use seed which has become wet, moldy, or otherwise damaged in transit or storage, has a mix date older than 9 months prior to seeding, or has a test date older than 6 months prior to seeding.

B. **Fertilizer** - Fertilizer shall conform to the applicable act specified in Section 804.2 of Pub. 408. Use dry formulation of 10-20-20-analysis.

Fertilizers shall be delivered in bags or other suitable containers, each fully labeled and bearing the name, trademark, and warranty of the producer.

C. **Lime** - Conform to section 804.2.(a).1 of Pub.408.

D. **Mulches** - Mulches shall be free from mature seedbearing stalks or roots of prohibited or noxious weeds as defined by law. Do not use mulches which are cut into lengths of less than 6 inches.

Mulches shall be either one or a combination of the following, shall contain no stems of tobacco, soybeans, or other coarse or woody materials.

- (i) **Straw** - Either wheat or oat straw, and reasonably free of viable seeds, well-cured to less than 20 percent moisture content by weight.
- (ii) **Wood Fiber** - Use wood fiber meeting the requirements of Section 805.2(a).1.c of Pub. 408.
- (iii) **Pellet Mulch** – Use pellet mulch meeting the requirements of Section 805.2(a).1. d of Pub. 408.

- E. **Mulch Binders** - Use one of the following mulch binders in accordance with section 805.2(b) of Pub. 408: Recycled Cellulose Fiber, Wood Fiber, Nonasphaltic Emulsion, Polyvinyl Acetate, or a Mixture of Recycled Cellulose Wood Fiber and Wood Fiber. Obtain binders from a producer listed in Bulletin 15.
- F. **Water** - Water shall be fresh and free from injurious amounts of oil, acid, alkali, salts, or other materials harmful to the growth of grass.

6.4 - PROCEDURE

Follow the procedures specified below. The amounts of seed, lime, fertilizer, and mulch specified are the minimum acceptable. The Game Commission may, at its own expense, test the soils to determine if any modifications to the seed and soil requirements are necessary. Employ such modifications if they are deemed necessary, at no additional cost to the Game Commission, and accept full responsibility for obtaining a satisfactory stand of grass.

- A. **Preparation of Seed Bed by Shallow Tilling** - After the areas to be seeded have been graded and approved by the Game Commission, thoroughly till the surfaces to a depth of 3 inches by raking, harrowing, or other approved means. Apply fertilizer and lime at a rate of 680 Lbs. and 4,000 Lbs. per acre respectively, and make sure that they are worked thoroughly into the soil to a depth of 3 inches and the tillage operations are sufficient to ensure that the soil conditions are satisfactory for seeding. Smooth and bring the area to grade. Immediately prior to sowing, rake the soil to a depth of 3/4 inch. Rake in a direction parallel to the contour lines on the slope, and not uphill or downhill. Remove all sticks, stones, weeds, roots, and other objectionable materials appearing on the surface. Maintain the surface in a true and even condition during sowing of seed. The seeded surface must be as smooth as the surrounding grassed area.
- B. **Sowing** - Sow the seed mixture on a still day at a rate specified in Section 5.3A of these Technical Specifications. Sow by hand or by approved sowing equipment in 2 applications, one-half the seed while the seeder is traveling in one direction and the other half while the seeder is traveling at right angle to the first direction. After sowing, rake, cultipack, or brush drag the surface very lightly, just deep enough to cover the seeds. Rake only in a direction parallel to the contour lines.

You may use hydroseeding or grain drilling, provided all methods and equipment are approved by the Game Commission. In case of hydroseeding, you may apply fertilizer and limestone at the time of sowing. In case of grain drilling, you may apply fertilizer at the time of sowing, provided the fertilizer does not come in contact with the seed. Drill only in a direction parallel to the contour lines.

Do not sow seed on frozen or partially frozen ground.

- C. **Mulching** - After sowing is completed, spread mulch uniformly over the entire seeded area at a rate of 3 tons (dry weight) per acre. The mulch shall be moist at the time of placement.

Apply wood fiber mulch hydraulically in accordance with the manufacturer's tank-mixing instructions. Wood fiber mulch may be incorporated into the slurry after the seed and soil

supplements have been thoroughly mixed. Apply wood fiber mulch at a rate of 800 Lbs. per acre unless otherwise indicated by the manufacturer.

On slopes 6:1 or flatter, apply pellet mulch by hand or using a mechanical spreader immediately after seeding, at a rate of 2,615 Lbs. per acre. Thoroughly wet pellet mulch with water without dislodging mulch.

To prevent loss or bunching by wind and to form a soil-binding mulch, anchor the moist mulch to the soil with a mulch binder. Use mulch binders at the following rates:

Recycled Cellulose Fiber - 775 Lbs./Acre

Wood Fiber - 775 Lbs./Acre

Mixture of Recycled Cellulose Fiber and Wood Fiber - 775 Lbs./Acre

Nonasphaltic Emulsion - Manufacturer's Recommended Rate

Polyvinyl Acetate - Manufacturer's Recommended Rate

On slopes where machinery cannot be used, retain the mulch in place by some suitable means which will not be detrimental to subsequent operations.

6.5 - MEASUREMENT AND PAYMENT

Lump Sum.