

**PENNSYLVANIA GAME COMMISSION**  
**INSTALLATION OF NEW ROOF**  
**NORTH CENTRAL REGIONAL OFFICE**

North Central Region  
Nippenose Township  
Lycoming County

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**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 in regard to 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 any and 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 apply to this project. See *Contract Terms and Conditions* and attached Prevailing Wage Determination.

The Contractor and each Subcontractor shall file a statement each week and a final statement at the conclusion of the Work on the contract with the contracting agency, under oath, and in form satisfactory to the Secretary, certifying that workmen have been paid wages in strict conformity with the provisions of the contract as prescribed by this section or if wages remain unpaid to set forth the amount of wages due and owing to each workman respectively. The PA Labor and Industry “Weekly Payroll Certification for Public Works Projects” form shall be used. The initial and final Payroll Certifications shall be notarized.

**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., - Engineering Chief  
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 a 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 your 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 (date estimated to be April 15, 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.

The Game Commission estimates that this project will take about one week to complete. The several month contract time period is to account for delays in acquiring materials and scheduling workers.

**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** – Within ten (10) days after award of the purchase order, the Bidder to whom the Contract is awarded, shall provide **Contract Performance Security** and a **Payment Bond** in a form acceptable to the Commonwealth for the amounts listed below and in accordance with the *Contract Terms and Conditions*.

A **Performance Bond** at one hundred percent (100%) of the contract amount, conditioned upon the faithful performance of the contract in accordance with the plans, specifications, and conditions of the contract.

A **Payment Bond** in an amount equal to one hundred percent (100%) of the contract amount.

Performance and Payment Bonds shall be executed by a surety company authorized to do business in the Commonwealth and listed on the current U.S. Dept. of Treasury, Bureau of Fiscal Service, Department Circular 570 (<https://fiscal.treasury.gov/surety-bonds/list-certified-companies.html>). Bonds shall include a current Power of Attorney dated the same as the date of the bond. Bonds shall be made payable to the Commonwealth.

**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*:

1. **Steel Products Procurement Act**
2. **Prohibition Against the Use of Certain Steel and Aluminum Products (Trade Practices Act)**
3. **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.

## **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 – Remove Existing Roof

Section 3 – New Membrane Roof

## **DRAWINGS**

The following Drawings are included:

1 of 1 - Location Map, Site Plan, Roof Plan, Details and Notes

**BUREAU OF LABOR LAW COMPLIANCE  
PREVAILING WAGES PROJECT RATES**

Project Name:	North Central Regional Office Roof Replacement
Awarding Agency:	PA Game Commission
Contract Award Date:	4/5/2023
Serial Number:	23-01866
Project Classification:	Building
Determination Date:	2/27/2023
Assigned Field Office:	Scranton
Field Office Phone Number:	(570)963-4577
Toll Free Phone Number:	(877)214-3962
Project County:	Lycoming County

**BUREAU OF LABOR LAW COMPLIANCE  
PREVAILING WAGES PROJECT RATES**

<b>Project: 23-01866 - Building</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Asbestos & Insulation Workers	7/1/2021		\$36.58	\$20.67	\$57.25
Asbestos & Insulation Workers	7/1/2022		\$37.83	\$20.67	\$58.50
Boilermaker (Commercial, Institutional, and Minor Repair Work)	1/1/2019		\$29.26	\$18.48	\$47.74
Boilermakers	1/1/2021		\$49.32	\$34.90	\$84.22
Boilermakers	1/1/2022		\$50.17	\$35.30	\$85.47
Boilermakers	1/1/2023		\$51.27	\$35.30	\$86.57
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/3/2020		\$34.17	\$17.64	\$51.81
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/1/2021		\$34.78	\$18.13	\$52.91
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/1/2022		\$36.53	\$18.53	\$55.06
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	4/30/2023		\$38.43	\$18.53	\$56.96
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	4/28/2024		\$40.28	\$18.53	\$58.81
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/4/2025		\$42.13	\$18.53	\$60.66
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2021		\$31.77	\$17.41	\$49.18
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2022		\$33.56	\$17.72	\$51.28
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2023		\$35.06	\$17.72	\$52.78
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2024		\$36.56	\$17.72	\$54.28
Cement Finishers & Plasterers	5/2/2021		\$27.25	\$20.25	\$47.50
Cement Finishers & Plasterers	6/1/2022		\$37.06	\$13.50	\$50.56
Cement Masons	6/1/2021		\$35.88	\$13.50	\$49.38
Cement Masons	6/1/2022		\$36.48	\$14.00	\$50.48
Drywall Finisher	5/1/2021		\$29.58	\$21.57	\$51.15
Drywall Finisher	5/1/2022		\$30.71	\$22.36	\$53.07
Electricians	6/1/2021		\$33.86	\$22.59	\$56.45
Electricians	6/1/2022		\$34.34	\$23.86	\$58.20
Electricians	6/1/2023		\$34.87	\$25.13	\$60.00
Electricians	6/1/2024		\$35.46	\$26.40	\$61.86
Elevator Constructor	1/1/2021		\$49.95	\$40.35	\$90.30
Elevator Constructor	1/1/2022		\$51.66	\$37.48	\$89.14
Elevator Constructor	1/1/2023		\$53.93	\$38.34	\$92.27
Glazier	5/1/2021		\$29.57	\$19.36	\$48.93
Glazier	5/1/2022		\$31.23	\$19.26	\$50.49
Glazier	5/1/2023		\$31.23	\$20.66	\$51.89
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2021		\$34.01	\$31.13	\$65.14
Laborers (Class 01 - See notes)	5/1/2021		\$22.61	\$16.03	\$38.64
Laborers (Class 01 - See notes)	5/1/2022		\$23.01	\$17.28	\$40.29
Laborers (Class 02 - See notes)	5/1/2021		\$24.61	\$16.03	\$40.64



**BUREAU OF LABOR LAW COMPLIANCE  
PREVAILING WAGES PROJECT RATES**

<b>Project: 23-01866 - Building</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Laborers (Class 02 - See notes)	5/1/2022		\$25.01	\$17.28	\$42.29
Laborers (Class 03 - See notes)	5/2/2021		\$26.61	\$16.02	\$42.63
Laborers (Class 03 - See notes)	5/1/2022		\$28.81	\$17.28	\$46.09
Laborers (Class 03 - See notes)	4/30/2023		\$27.96	\$17.32	\$45.28
Laborers (Class 04 - See notes)	5/1/2021		\$27.91	\$16.03	\$43.94
Laborers (Class 04 - See notes)	5/1/2022		\$29.31	\$17.28	\$46.59
Laborers (Class 04 - See notes)	4/30/2023		\$29.46	\$17.32	\$46.78
Laborers (Class 05 - See notes)	5/2/2021		\$28.61	\$16.02	\$44.63
Laborers (Class 05 - See notes)	5/1/2022		\$28.86	\$16.84	\$45.70
Laborers (Class 05 - See notes)	5/1/2022		\$29.31	\$16.62	\$45.93
Laborers (Class 05 - See notes)	4/30/2023		\$29.96	\$17.32	\$47.28
Laborers (Class 06 - See notes)	5/1/2021		\$24.61	\$16.03	\$40.64
Laborers (Class 06 - See notes)	5/1/2022		\$25.01	\$16.84	\$41.85
Marble Mason	5/1/2021		\$31.55	\$17.34	\$48.89
Marble Mason	5/1/2022		\$32.85	\$17.74	\$50.59
Marble Mason	5/1/2023		\$34.80	\$17.74	\$52.54
Marble Mason	5/1/2024		\$36.75	\$17.74	\$54.49
Marble Mason	5/1/2025		\$38.70	\$17.74	\$56.44
Millwright	5/1/2020		\$36.04	\$19.31	\$55.35
Operators (Building, Class 01 - See Notes)	5/1/2021		\$39.87	\$27.94	\$67.81
Operators (Building, Class 01 - See Notes)	5/1/2022		\$41.41	\$28.40	\$69.81
Operators (Building, Class 01 - See Notes)	5/1/2023		\$42.57	\$29.24	\$71.81
Operators (Building, Class 01A - See Notes)	5/1/2021		\$42.12	\$28.60	\$70.72
Operators (Building, Class 01A - See Notes)	5/1/2022		\$43.66	\$29.06	\$72.72
Operators (Building, Class 01A - See Notes)	5/1/2023		\$44.82	\$29.90	\$74.72
Operators (Building, Class 02 - See Notes)	5/1/2021		\$39.59	\$27.85	\$67.44
Operators (Building, Class 02 - See Notes)	5/1/2022		\$41.13	\$28.31	\$69.44
Operators (Building, Class 02 - See Notes)	5/1/2023		\$42.29	\$29.15	\$71.44
Operators (Building, Class 02A - See Notes)	5/1/2021		\$41.84	\$28.52	\$70.36
Operators (Building, Class 02A - See Notes)	5/1/2022		\$43.38	\$28.98	\$72.36
Operators (Building, Class 02A - See Notes)	5/1/2023		\$44.54	\$29.82	\$74.36
Operators (Building, Class 03 - See Notes)	5/1/2021		\$36.87	\$27.04	\$63.91
Operators (Building, Class 03 - See Notes)	5/1/2022		\$38.41	\$27.50	\$65.91
Operators (Building, Class 03 - See Notes)	5/1/2023		\$39.57	\$28.34	\$67.91
Operators (Building, Class 04 - See Notes)	5/1/2021		\$35.72	\$26.72	\$62.44
Operators (Building, Class 04 - See Notes)	5/1/2022		\$37.27	\$27.17	\$64.44
Operators (Building, Class 04 - See Notes)	5/1/2023		\$38.42	\$28.02	\$66.44
Operators (Building, Class 05 - See Notes)	5/1/2021		\$35.27	\$26.59	\$61.86
Operators (Building, Class 05 - See Notes)	5/1/2022		\$36.82	\$27.04	\$63.86
Operators (Building, Class 05 - See Notes)	5/1/2023		\$37.97	\$27.89	\$65.86
Operators (Building, Class 06 - See Notes)	5/1/2021		\$34.40	\$26.32	\$60.72
Operators (Building, Class 06 - See Notes)	5/1/2022		\$35.95	\$26.77	\$62.72
Operators (Building, Class 06 - See Notes)	5/1/2023		\$37.10	\$27.62	\$64.72
Operators (Building, Class 07A- See Notes)	5/1/2021		\$48.31	\$31.86	\$80.17

**BUREAU OF LABOR LAW COMPLIANCE  
PREVAILING WAGES PROJECT RATES**

<b>Project: 23-01866 - Building</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Operators (Building, Class 07A- See Notes)	5/1/2022		\$50.17	\$32.40	\$82.57
Operators (Building, Class 07A- See Notes)	5/1/2023		\$51.63	\$33.34	\$84.97
Operators (Building, Class 07B- See Notes)	5/1/2021		\$47.96	\$31.77	\$79.73
Operators (Building, Class 07B- See Notes)	5/1/2022		\$49.81	\$32.31	\$82.12
Operators (Building, Class 07B- See Notes)	5/1/2023		\$51.28	\$33.24	\$84.52
Painters Class 1 (see notes)	5/1/2021		\$29.02	\$21.57	\$50.59
Painters Class 1 (see notes)	5/1/2022		\$29.65	\$22.36	\$52.01
Painters Class 2 (see notes)	5/1/2021		\$31.92	\$21.57	\$53.49
Painters Class 2 (see notes)	5/1/2022		\$33.05	\$22.36	\$55.41
Painters Class 3 (see notes)	5/1/2021		\$38.02	\$21.57	\$59.59
Painters Class 3 (see notes)	5/1/2022		\$39.40	\$22.36	\$61.76
Pile Driver Divers (Building, Heavy, Highway)	1/1/2021		\$54.75	\$20.10	\$74.85
Pile Driver Divers (Building, Heavy, Highway)	1/1/2022		\$56.40	\$20.50	\$76.90
Pile Driver Divers (Building, Heavy, Highway)	1/1/2023		\$58.70	\$21.22	\$79.92
Pile Driver Divers (Building, Heavy, Highway)	1/1/2024		\$60.95	\$21.97	\$82.92
Pile Driver Divers (Building, Heavy, Highway)	1/1/2025		\$62.82	\$22.72	\$85.54
Pile Driver Divers (Building, Heavy, Highway)	1/1/2026		\$64.70	\$23.47	\$88.17
Piledrivers	1/1/2021		\$36.50	\$20.10	\$56.60
Piledrivers	1/1/2022		\$37.60	\$20.50	\$58.10
Piledrivers	1/1/2023		\$39.13	\$21.22	\$60.35
Piledrivers	1/1/2024		\$40.63	\$21.97	\$62.60
Piledrivers	1/1/2025		\$41.88	\$22.72	\$64.60
Piledrivers	1/1/2026		\$43.13	\$23.47	\$66.60
Plumber/Pipefitter	5/1/2021		\$38.77	\$28.46	\$67.23
Plumber/Pipefitter	5/1/2022		\$40.28	\$28.70	\$68.98
Roofers	5/1/2021		\$31.00	\$20.86	\$51.86
Roofers	5/1/2022		\$31.75	\$21.36	\$53.11
Sheet Metal Workers	5/1/2021		\$31.60	\$27.26	\$58.86
Sheet Metal Workers	5/1/2022		\$33.62	\$28.24	\$61.86
Sign Makers and Hangars	7/17/2021		\$29.49	\$23.90	\$53.39
Sign Makers and Hangars	7/15/2022		\$30.54	\$24.35	\$54.89
Sprinklerfitters	4/1/2021		\$40.33	\$26.94	\$67.27
Sprinklerfitters	4/1/2022		\$42.29	\$27.48	\$69.77
Terrazzo Finisher	5/1/2021		\$33.23	\$19.03	\$52.26
Terrazzo Finisher	5/1/2022		\$34.46	\$19.24	\$53.70
Terrazzo Finisher	5/1/2023		\$35.79	\$19.25	\$55.04
Terrazzo Finisher	5/1/2024		\$37.16	\$19.26	\$56.42
Terrazzo Grinder	5/1/2021		\$33.94	\$19.03	\$52.97
Terrazzo Grinder	5/1/2022		\$35.19	\$19.24	\$54.43
Terrazzo Grinder	5/1/2023		\$36.54	\$19.25	\$55.79
Terrazzo Grinder	5/1/2024		\$37.92	\$19.26	\$57.18
Terrazzo Mechanics	5/1/2021		\$33.83	\$20.78	\$54.61
Terrazzo Mechanics	5/1/2022		\$35.12	\$20.99	\$56.11
Terrazzo Mechanics	5/1/2023		\$36.51	\$21.00	\$57.51

**BUREAU OF LABOR LAW COMPLIANCE  
PREVAILING WAGES PROJECT RATES**

<b>Project: 23-01866 - Building</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Terrazzo Mechanics	5/1/2024		\$37.94	\$21.01	\$58.95
Terrazzo Setter	5/1/2019		\$31.81	\$19.67	\$51.48
Tile & Marble Finisher	5/1/2021		\$29.61	\$15.14	\$44.75
Tile & Marble Finisher	5/1/2022		\$30.96	\$15.49	\$46.45
Tile & Marble Finisher	5/1/2023		\$32.91	\$15.49	\$48.40
Tile & Marble Finisher	5/1/2024		\$34.86	\$15.49	\$50.35
Tile & Marble Finisher	5/1/2025		\$36.81	\$15.49	\$52.30
Tile Setter	5/1/2021		\$31.55	\$17.34	\$48.89
Tile Setter	5/1/2022		\$32.85	\$17.74	\$50.59
Tile Setter	5/1/2023		\$34.80	\$17.74	\$52.54
Tile Setter	5/1/2024		\$36.75	\$17.74	\$54.49
Tile Setter	5/1/2025		\$38.70	\$17.74	\$56.44
Truckdriver class 1(see notes)	5/1/2021		\$37.72	\$0.00	\$37.72
Truckdriver class 2 (see notes)	5/1/2021		\$37.79	\$0.00	\$37.79
Truckdriver class 3 (see notes)	5/1/2021		\$38.28	\$0.00	\$38.28
Window Film / Tint Installer	6/1/2019		\$24.52	\$12.08	\$36.60

**BUREAU OF LABOR LAW COMPLIANCE  
PREVAILING WAGES PROJECT RATES**

<b>Project: 23-01866 - Heavy/Highway</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Carpenter	5/1/2021		\$33.12	\$17.74	\$50.86
Carpenter	5/1/2022		\$34.02	\$18.39	\$52.41
Cement Finishers	6/1/2016		\$32.43	\$11.35	\$43.78
Electric Lineman	1/1/2018		\$55.43	\$22.48	\$77.91
Electric Lineman	8/29/2022		\$62.66	\$28.08	\$90.74
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2021		\$34.01	\$31.13	\$65.14
Laborers (Class 01 - See notes)	5/1/2021		\$23.21	\$18.09	\$41.30
Laborers (Class 01 - See notes)	5/1/2022		\$24.01	\$18.54	\$42.55
Laborers (Class 01 - See notes)	5/1/2023		\$24.81	\$18.99	\$43.80
Laborers (Class 01 - See notes)	5/1/2024		\$25.61	\$19.49	\$45.10
Laborers (Class 02 - See notes)	5/1/2021		\$29.83	\$18.09	\$47.92
Laborers (Class 02 - See notes)	5/1/2022		\$30.63	\$18.54	\$49.17
Laborers (Class 02 - See notes)	5/1/2023		\$31.43	\$18.99	\$50.42
Laborers (Class 02 - See notes)	5/1/2024		\$32.23	\$19.49	\$51.72
Laborers (Class 03 - See notes)	5/1/2021		\$26.82	\$18.09	\$44.91
Laborers (Class 03 - See notes)	5/1/2022		\$27.62	\$18.54	\$46.16
Laborers (Class 03 - See notes)	5/1/2023		\$28.42	\$18.99	\$47.41
Laborers (Class 03 - See notes)	5/1/2024		\$29.22	\$19.49	\$48.71
Laborers (Class 04 - See notes)	5/1/2021		\$27.17	\$18.09	\$45.26
Laborers (Class 04 - See notes)	5/1/2022		\$27.97	\$18.54	\$46.51
Laborers (Class 04 - See notes)	5/1/2023		\$28.77	\$18.99	\$47.76
Laborers (Class 04 - See notes)	5/1/2024		\$29.57	\$19.49	\$49.06
Laborers (Class 05 - See notes)	5/1/2021		\$27.84	\$18.09	\$45.93
Laborers (Class 05 - See notes)	5/1/2022		\$28.64	\$18.54	\$47.18
Laborers (Class 05 - See notes)	5/1/2023		\$29.44	\$18.99	\$48.43
Laborers (Class 05 - See notes)	5/1/2024		\$30.24	\$19.49	\$49.73
Laborers (Class 06 - See notes)	5/1/2021		\$27.26	\$18.09	\$45.35
Laborers (Class 06 - See notes)	5/1/2022		\$28.06	\$18.54	\$46.60
Laborers (Class 06 - See notes)	5/1/2023		\$28.86	\$18.99	\$47.85
Laborers (Class 06 - See notes)	5/1/2024		\$29.66	\$19.49	\$49.15
Laborers (Class 07 - See notes)	5/1/2021		\$27.55	\$18.09	\$45.64
Laborers (Class 07 - See notes)	5/1/2022		\$28.35	\$18.54	\$46.89
Laborers (Class 07 - See notes)	5/1/2023		\$29.15	\$18.99	\$48.14
Laborers (Class 07 - See notes)	5/1/2024		\$29.95	\$19.49	\$49.44
Laborers (Class 08 - See notes)	5/1/2021		\$28.03	\$18.09	\$46.12
Laborers (Class 08 - See notes)	5/1/2022		\$28.83	\$18.54	\$47.37
Laborers (Class 08 - See notes)	5/1/2023		\$29.63	\$18.99	\$48.62
Laborers (Class 08 - See notes)	5/1/2024		\$30.43	\$19.49	\$49.92
Operators (Heavy, Class 01 - See Notes)	5/1/2021		\$38.44	\$27.52	\$65.96
Operators (Heavy, Class 01 - See Notes)	5/1/2022		\$39.98	\$27.98	\$67.96
Operators (Heavy, Class 01 - See Notes)	5/1/2023		\$41.14	\$28.82	\$69.96
Operators (Heavy, Class 01 - See Notes)	5/1/2024		\$42.30	\$29.66	\$71.96
Operators (Heavy, Class 01 - See Notes)	5/1/2025		\$43.46	\$30.50	\$73.96
Operators (Heavy, Class 01 - See Notes)	5/1/2026		\$44.61	\$31.35	\$75.96

**BUREAU OF LABOR LAW COMPLIANCE  
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<b>Project: 23-01866 - Heavy/Highway</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Operators (Heavy, Class 01A - See Notes)	5/1/2021		\$40.69	\$28.18	\$68.87
Operators (Heavy, Class 01A - See Notes)	5/1/2022		\$42.23	\$28.64	\$70.87
Operators (Heavy, Class 01A - See Notes)	5/1/2023		\$43.39	\$29.48	\$72.87
Operators (Heavy, Class 01A - See Notes)	5/1/2024		\$44.55	\$30.32	\$74.87
Operators (Heavy, Class 01A - See Notes)	5/1/2025		\$45.71	\$31.16	\$76.87
Operators (Heavy, Class 01A - See Notes)	5/1/2026		\$46.86	\$32.01	\$78.87
Operators (Heavy, Class 02 - See Notes)	5/1/2021		\$38.16	\$27.43	\$65.59
Operators (Heavy, Class 02 - See Notes)	5/1/2022		\$39.70	\$27.89	\$67.59
Operators (Heavy, Class 02 - See Notes)	5/1/2023		\$40.86	\$28.73	\$69.59
Operators (Heavy, Class 02 - See Notes)	5/1/2024		\$42.02	\$29.57	\$71.59
Operators (Heavy, Class 02 - See Notes)	5/1/2025		\$43.18	\$30.41	\$73.59
Operators (Heavy, Class 02 - See Notes)	5/1/2026		\$44.34	\$31.25	\$75.59
Operators (Heavy, Class 02A - See Notes)	5/1/2021		\$40.41	\$28.10	\$68.51
Operators (Heavy, Class 02A - See Notes)	5/1/2022		\$41.95	\$28.56	\$70.51
Operators (Heavy, Class 02A - See Notes)	5/1/2023		\$43.11	\$29.40	\$72.51
Operators (Heavy, Class 02A - See Notes)	5/1/2024		\$44.27	\$30.24	\$74.51
Operators (Heavy, Class 02A - See Notes)	5/1/2025		\$45.43	\$31.08	\$76.51
Operators (Heavy, Class 02A - See Notes)	5/1/2026		\$46.59	\$31.92	\$78.51
Operators (Heavy, Class 03 - See Notes)	5/1/2021		\$35.24	\$26.57	\$61.81
Operators (Heavy, Class 03 - See Notes)	5/1/2022		\$36.78	\$27.03	\$63.81
Operators (Heavy, Class 03 - See Notes)	5/1/2023		\$37.95	\$27.86	\$65.81
Operators (Heavy, Class 03 - See Notes)	5/1/2024		\$39.11	\$28.70	\$67.81
Operators (Heavy, Class 03 - See Notes)	5/1/2025		\$40.26	\$29.55	\$69.81
Operators (Heavy, Class 03 - See Notes)	5/1/2026		\$41.43	\$30.38	\$71.81
Operators (Heavy, Class 04 - See Notes)	5/1/2021		\$34.10	\$26.24	\$60.34
Operators (Heavy, Class 04 - See Notes)	5/1/2022		\$35.65	\$26.69	\$62.34
Operators (Heavy, Class 04 - See Notes)	5/1/2023		\$36.80	\$27.54	\$64.34
Operators (Heavy, Class 04 - See Notes)	5/1/2024		\$37.96	\$28.38	\$66.34
Operators (Heavy, Class 04 - See Notes)	5/1/2025		\$39.12	\$29.22	\$68.34
Operators (Heavy, Class 04 - See Notes)	5/1/2026		\$40.28	\$30.06	\$70.34
Operators (Heavy, Class 05 - See Notes)	5/1/2021		\$33.65	\$26.11	\$59.76
Operators (Heavy, Class 05 - See Notes)	5/1/2022		\$35.20	\$26.56	\$61.76
Operators (Heavy, Class 05 - See Notes)	5/1/2023		\$36.35	\$27.41	\$63.76
Operators (Heavy, Class 05 - See Notes)	5/1/2024		\$37.51	\$28.25	\$65.76
Operators (Heavy, Class 05 - See Notes)	5/1/2025		\$38.67	\$29.09	\$67.76
Operators (Heavy, Class 05 - See Notes)	5/1/2026		\$39.83	\$29.93	\$69.76
Operators (Heavy, Class 06 - See Notes)	5/1/2021		\$32.77	\$25.84	\$58.61
Operators (Heavy, Class 06 - See Notes)	5/1/2022		\$34.31	\$26.31	\$60.62
Operators (Heavy, Class 06 - See Notes)	5/1/2023		\$35.48	\$27.14	\$62.62
Operators (Heavy, Class 06 - See Notes)	5/1/2024		\$36.64	\$27.98	\$64.62
Operators (Heavy, Class 06 - See Notes)	5/1/2025		\$37.80	\$28.82	\$66.62
Operators (Heavy, Class 06 - See Notes)	5/1/2026		\$38.96	\$29.66	\$68.62
Operators (Heavy, Class 07A - See Notes)	5/1/2021		\$46.59	\$31.37	\$77.96
Operators (Heavy, Class 07A - See Notes)	5/1/2022		\$48.45	\$31.91	\$80.36

**BUREAU OF LABOR LAW COMPLIANCE  
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<b>Project: 23-01866 - Heavy/Highway</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Operators (Heavy, Class 07A - See Notes)	5/1/2023		\$49.93	\$32.83	\$82.76
Operators (Heavy, Class 07A - See Notes)	5/1/2024		\$51.39	\$33.77	\$85.16
Operators (Heavy, Class 07A - See Notes)	5/1/2025		\$52.85	\$34.71	\$87.56
Operators (Heavy, Class 07A - See Notes)	5/1/2026		\$54.32	\$35.64	\$89.96
Operators (Heavy, Class 07B - See Notes)	5/1/2021		\$46.25	\$31.26	\$77.51
Operators (Heavy, Class 07B - See Notes)	5/1/2022		\$48.10	\$31.81	\$79.91
Operators (Heavy, Class 07B - See Notes)	5/1/2023		\$49.58	\$32.73	\$82.31
Operators (Heavy, Class 07B - See Notes)	5/1/2024		\$51.04	\$33.67	\$84.71
Operators (Heavy, Class 07B - See Notes)	5/1/2025		\$52.51	\$34.60	\$87.11
Operators (Heavy, Class 07B - See Notes)	5/1/2026		\$53.97	\$35.54	\$89.51
Operators (Highway, Class 01 - See Notes)	5/1/2021		\$39.10	\$25.70	\$64.80
Operators (Highway, Class 01 - See Notes)	5/1/2022		\$39.10	\$27.70	\$66.80
Operators (Highway, Class 01 - See Notes)	5/1/2023		\$40.25	\$28.55	\$68.80
Operators (Highway, Class 01 - See Notes)	5/1/2024		\$41.41	\$29.39	\$70.80
Operators (Highway, Class 01 - See Notes)	5/1/2025		\$42.56	\$30.24	\$72.80
Operators (Highway, Class 01 - See Notes)	5/1/2026		\$43.72	\$31.08	\$74.80
Operators (Highway, Class 01a - See Notes)	5/1/2021		\$41.35	\$26.38	\$67.73
Operators (Highway, Class 01a - See Notes)	5/1/2022		\$41.35	\$28.38	\$69.73
Operators (Highway, Class 01a - See Notes)	5/1/2023		\$42.50	\$29.23	\$71.73
Operators (Highway, Class 01a - See Notes)	5/1/2024		\$43.66	\$30.07	\$73.73
Operators (Highway, Class 01a - See Notes)	5/1/2025		\$44.81	\$30.92	\$75.73
Operators (Highway, Class 01a - See Notes)	5/1/2026		\$45.97	\$31.76	\$77.73
Operators (Highway, Class 02 - See Notes)	5/1/2021		\$37.93	\$25.35	\$63.28
Operators (Highway, Class 02 - See Notes)	5/1/2022		\$37.93	\$27.35	\$65.28
Operators (Highway, Class 02 - See Notes)	5/1/2023		\$39.08	\$28.20	\$67.28
Operators (Highway, Class 02 - See Notes)	5/1/2024		\$40.24	\$29.04	\$69.28
Operators (Highway, Class 02 - See Notes)	5/1/2025		\$41.39	\$29.89	\$71.28
Operators (Highway, Class 02 - See Notes)	5/1/2026		\$42.55	\$30.73	\$73.28
Operators (Highway, Class 03 - See Notes)	5/1/2021		\$37.23	\$25.16	\$62.39
Operators (Highway, Class 03 - See Notes)	5/1/2022		\$37.23	\$27.15	\$64.38
Operators (Highway, Class 03 - See Notes)	5/1/2023		\$38.39	\$27.99	\$66.38
Operators (Highway, Class 03 - See Notes)	5/1/2024		\$39.55	\$28.83	\$68.38
Operators (Highway, Class 03 - See Notes)	5/1/2025		\$40.70	\$29.68	\$70.38
Operators (Highway, Class 03 - See Notes)	5/1/2026		\$41.87	\$30.51	\$72.38
Operators (Highway, Class 04 - See Notes)	5/1/2021		\$36.77	\$25.03	\$61.80
Operators (Highway, Class 04 - See Notes)	5/1/2022		\$36.77	\$27.03	\$63.80
Operators (Highway, Class 04 - See Notes)	5/1/2023		\$37.94	\$27.86	\$65.80
Operators (Highway, Class 04 - See Notes)	5/1/2024		\$39.10	\$28.70	\$67.80
Operators (Highway, Class 04 - See Notes)	5/1/2025		\$40.26	\$29.54	\$69.80
Operators (Highway, Class 04 - See Notes)	5/1/2026		\$41.41	\$30.39	\$71.80
Operators (Highway, Class 05 - See Notes)	5/1/2021		\$36.26	\$24.87	\$61.13
Operators (Highway, Class 05 - See Notes)	5/1/2022		\$36.26	\$26.88	\$63.14
Operators (Highway, Class 05 - See Notes)	5/1/2023		\$37.42	\$27.72	\$65.14
Operators (Highway, Class 05 - See Notes)	5/1/2024		\$38.58	\$28.56	\$67.14

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<b>Project: 23-01866 - Heavy/Highway</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Hourly Rate</b>	<b>Fringe Benefits</b>	<b>Total</b>
Operators (Highway, Class 05 - See Notes)	5/1/2025		\$39.73	\$29.41	\$69.14
Operators (Highway, Class 05 - See Notes)	5/1/2026		\$40.89	\$30.25	\$71.14
Operators (Highway, Class 06 - See Notes)	5/1/2021		\$39.33	\$25.78	\$65.11
Operators (Highway, Class 06 - See Notes)	5/1/2022		\$39.33	\$27.77	\$67.10
Operators (Highway, Class 06 - See Notes)	5/1/2023		\$40.48	\$28.62	\$69.10
Operators (Highway, Class 06 - See Notes)	5/1/2024		\$41.64	\$29.46	\$71.10
Operators (Highway, Class 06 - See Notes)	5/1/2025		\$42.80	\$30.30	\$73.10
Operators (Highway, Class 06 - See Notes)	5/1/2026		\$43.95	\$31.15	\$75.10
Operators (Highway, Class 06/A - See Notes)	5/1/2021		\$41.58	\$26.43	\$68.01
Operators (Highway, Class 06/A - See Notes)	5/1/2022		\$41.58	\$28.43	\$70.01
Operators (Highway, Class 06/A - See Notes)	5/1/2023		\$42.73	\$29.28	\$72.01
Operators (Highway, Class 06/A - See Notes)	5/1/2024		\$43.89	\$30.12	\$74.01
Operators (Highway, Class 06/A - See Notes)	5/1/2025		\$45.05	\$30.96	\$76.01
Operators (Highway, Class 06/A - See Notes)	5/1/2026		\$46.21	\$31.80	\$78.01
Operators (Highway, Class 07/A - See Notes)	5/1/2021		\$47.08	\$29.49	\$76.57
Operators (Highway, Class 07/A - See Notes)	5/1/2022		\$47.38	\$31.59	\$78.97
Operators (Highway, Class 07/A - See Notes)	5/1/2023		\$48.86	\$32.51	\$81.37
Operators (Highway, Class 07/A - See Notes)	5/1/2024		\$50.32	\$33.45	\$83.77
Operators (Highway, Class 07/A - See Notes)	5/1/2025		\$51.79	\$34.38	\$86.17
Operators (Highway, Class 07/A - See Notes)	5/1/2026		\$53.25	\$35.32	\$88.57
Operators (Highway, Class 07/B - See Notes)	5/1/2021		\$45.66	\$29.08	\$74.74
Operators (Highway, Class 07/B - See Notes)	5/1/2022		\$45.97	\$31.17	\$77.14
Operators (Highway, Class 07/B - See Notes)	5/1/2023		\$47.44	\$32.10	\$79.54
Operators (Highway, Class 07/B - See Notes)	5/1/2024		\$48.91	\$33.03	\$81.94
Operators (Highway, Class 07/B - See Notes)	5/1/2025		\$50.37	\$33.97	\$84.34
Operators (Highway, Class 07/B - See Notes)	5/1/2026		\$51.84	\$34.90	\$86.74
Painters Class 2 (see notes)	5/1/2020		\$31.53	\$20.71	\$52.24
Painters Class 3 (see notes)	5/1/2020		\$37.63	\$20.71	\$58.34
Pile Driver Divers (Building, Heavy, Highway)	1/1/2021		\$54.75	\$20.10	\$74.85
Pile Driver Divers (Building, Heavy, Highway)	1/1/2022		\$56.40	\$20.50	\$76.90
Piledrivers	5/1/2021		\$33.12	\$17.74	\$50.86
Piledrivers	5/1/2022		\$34.02	\$18.39	\$52.41
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2022		\$48.43	\$40.28	\$88.71
Truckdriver class 1(see notes)	5/1/2021		\$37.72	\$0.00	\$37.72
Truckdriver class 2 (see notes)	5/1/2021		\$37.79	\$0.00	\$37.79
Truckdriver class 3 (see notes)	5/1/2021		\$38.28	\$0.00	\$38.28

## **TECHNICAL SPECIFICATION SECTION 1 - SUMMARY OF WORK**

### **1.1 – SCOPE OF PROJECT**

The intent of this project is to install a new membrane roof on the Game Commission North Central Regional Office, Nippenose Township, Lycoming County. The project consists of removing the existing membrane roof and insulation panels on main building and sidewalk roof, installing new insulation panels a new membrane roof on both main building and sidewalk roofs. Installation of new metal edging is also included in the project. Replacement of damaged and/or deteriorated blocking may be necessary.

### **1.2 – WORK AREA**

The work area for this project is located at 1566 S Route 44 Rt, Jersey Shore, PA 17740. The property is owned by the Pennsylvania Game Commission (PGC).

### **1.3 – WORK HOURS**

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

### **1.4 – ACCESS TO WORK AREA**

Access to the work area is by using a paved public road. The Contractor must allow for use of the building by PGC personnel and vehicles during the construction period.

### **1.5 – PERMITS, LAWS, AND REGULATIONS**

The PGC has acquired a building permit from the Department of Labor & Industry to install the new roof. The permit and inspection log are attached to this Section of the Specifications. This is the only permit necessary for the project. Local building code officials do not have jurisdiction over this project.

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 himself 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.

**TECHNICAL SPECIFICATION SECTION NO. 2 – REMOVE EXISTING ROOF**

**2.1- SCOPE**

This work is removal and disposal of the existing roof surface.

**2.2 - PROCEDURE**

**A. General** – The existing roof is a membrane layer over a minimum 2-inch-thick insulation panels on top of corrugated metal deck panels. Wood (dimension lumber and plywood) pieces are attached to the metal deck panels around the edges of the roof. Fascia is secured to the wood. Refer to the “Existing Roof Section” on the Drawing.

**B. Remove Existing Roof** – Remove the existing roof in sections. The section to be removed must be able to have the new roof installed the same day to protect the interior of the building. Remove every component of the existing roof down to the corrugated metal deck panels. Patch screw holes in the deck panels with caulking.

**C. Disposal** – Dispose of the removed roof components in a landfill according to DEP regulations. Use a magnet to sweep the ground surfaces around the building for screws and other metal pieces.

**2.3 - MEASUREMENT AND PAYMENT**

Lump Sum.

**TECHNICAL SPECIFICATION SECTION NO. 3 – NEW MEMBRANE ROOF**

**3.1 - SCOPE**

This work is installing a new membrane roofing system on the NCRO building as shown on the Drawing. The new membrane roof is a Carlisle Syn Tec Sure-Weld Adhered Roofing System with white 60-mil thick scrim reinforced Thermoplastic Polyolefin (TPO) membrane (basis of design). Carlisle Insulation will be mechanically fastened to the roof deck and the membrane will be fully adhered to the insulation. All components to be installed per factory recommendations and drawings.

**3.2 – QUALITY ASSURANCE**

Only Carlisle supplied products can be used for this roofing project. The roofing system must be installed by a Carlisle Authorized Roofing Applicator in compliance with the Drawing and Specifications. After completion of the project, an inspection shall be conducted by a Field Service Representative (FSR) of Carlisle Syn Tech to ascertain that the membrane roofing system has been installed according to Carlisle's published specifications and details applicable at the time of the bid opening. The inspection is to determine whether a warranty will be issued. It is not intended as a final inspection for the building permit compliance.

**3.3 – MATERIALS**

**A. Insulation Panels** – Carlisle StormBase Polyiso Composite (OSB) (.5-inches thick) (basis of design). Polyiso insulation bonded on the bottom side with a medium weight fiber-reinforced felt face and laminated with a top surface of 7/16" or 5/8" thick Oriented Strand Board (OSB) meeting ASTM C1289, Type V, Grade 2 (20 psi) or Grade 3 (25 psi).

**B. Fasteners and Plates** – The fasteners for the insulation panels shall be Carlisle InsulFast threaded Phillips drive with a minimum penetration of 3/4" into the existing corrugated steel deck pans. Use Carlisle SecurFast Insulation Fastening Plates in conjunction with the specified fasteners (basis of design).

**C. Wood** – The lumber installed along the edges of the roof for support of the fascia trim should be of the sizes, spacing and arrangement shown on the Drawing. The lumber should conform to the following requirements.

1. Grading Agency – Southern Pine Inspection Bureau, Inc. (SPIB)
2. Nominal sizes – as indicated on the Drawings, S4S.
3. Moisture content – S-dry or MC19
4. Structural Grade – No. 2

- D. Membrane** – Carlisle Syn Tec Sure-Weld TPO membrane meeting the requirements of ASTM D6678-17 (basis of design). The membrane is white, 60-mil scrim reinforced (basis of design).
- E. Adhesive** – Carlisle Sure-Weld Bonding Adhesive. The adhesive is applied to both the membrane and the substrate at a coverage rate of approximately 60 square feet per gallon per finished surface (includes coverage on both surfaces).
- F. Metal Edging /Fascia** – Use Carlisle Sure-Weld Coated Metal for the drip edge and fascia sections at the roof eaves. The metal shall be 24-gauge, galvanized steel sheet with a finish color of white. Use Carlisle SecurEdge 3000 for the edges of the roof along the slope (basis of design). The finish color of these sections is also white.
- G. Warranty** – All materials and workmanship shall be completed so that the manufacturer can issue a 20-year warranty for the roofing system.

### 3.4 – SUBMITTALS

- A. Product Data:** For each type of product.
  - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of panel and accessory.
  - 2. Submit a catalog cut or other information for all the materials from the manufacturer to the PGC for review and approval before ordering any materials.
- B. Shop Drawings:**
  - 1. Include fabrication and installation layouts of insulation panels, membrane sheets, details of edge conditions, joints, corners, anchorages, attachment system, trim, flashings, and special details.
  - 2. Accessories: Include details of the flashing, trim, and anchorage systems.
  - 3. A Watertight Warranty is required, shop drawings or Carlisle Syn Tec standard details must be reviewed by the manufacturer prior to installation.
- C. Qualification Data:** For Installer.
- D. Sample Warranties:** Provide 20-year WTW (Weather Tight Warranty) warranty.

### 3.5 - PROCEDURE

- A. General** – All work must be conducted according to the specifications and requirements of the roofing system manufacturer (Carlisle Syn Tec). Selected details from the manufacturer for the roof project are attached to this Section of the Technical Specifications. Follow all safety regulations as

recommended by OSHA and other agencies having jurisdiction. Begin application of the roofing system at the highest point and work to the lowest point. This includes completion of all flashings, terminations, and seals.

- B. Wood Nailers, Insulation Panels, or Steel Channels (where applicable) –** Secure the wood nailers to the existing corrugated steel deck pan with corrosion resistant self-tapping screws. Place the insulation panels so that joints are staggered between adjacent rows. Panels must be butted together with no gaps greater than ¼". Secure the insulation panels to the corrugated steel deck pan with 17 fasteners for each 4' x 8' panel.
- C. Membrane Placement and Securement –** Ensure that water does not flow beneath any completed sections of the membrane system by completing all flashings, terminations, and daily seals by the end of each workday. Sweep all loose debris from the substrate.

Position the membrane sheets on the substrate. Overlap edges of adjoining sheets. Fold the membrane sheet back so half the underside is exposed. Sheet fold should be smooth without wrinkles or buckles. Stir the adhesive a minimum of 5 minutes. Apply the adhesive to the exposed underside of the membrane and the corresponding substrate area. Do not apply adhesive to the splice edge of the membrane which is to be heat welded to the adjoining sheet. Apply the adhesive evenly with a plastic core medium nap roller. Allow the adhesive to flash off until it does not string but remains tacky to the touch.

Roll the coated membrane into the coated substrate while avoiding wrinkles. Brush down the bonded section of the membrane sheet immediately after rolling the membrane into the adhesive with a soft bristle push broom to achieve maximum contact. Fold back the unbonded half of the sheet and repeat the bonding procedure.

Install adjoining membrane sheets in the same manner overlapping edges a minimum of 2-inches to provide a minimum 1.5-inch heat weld.

- E. Heat Welding of Seams –** Use the Automatic Heat Welder (AHW) for the seams. Make sure the surfaces of the membranes to be heat welded are clean. Prepare the AHW and allow it to warm for 5 to 10 minutes to reach operating temperature. Position the AHW with the guide handle pointing in the same direction the machine will move along the seam. Lift the overlapping membrane sheet and insert the blower nozzle of the AHW between the overlap. The machine will begin moving along the seam immediately.

Use weight plates with the AHW. Proceed along the seam ensuring that the small guide wheel in front of the machine aligns with the edge of the top

membrane sheet. Guide the machine from the front only. Ensure the power cord has plenty of slack to prevent dragging the machine off course.

At all splice intersections, roll the seam with a silicone roller to ensure a continuous heat welded seam. Place “T” joint covers over all tee intersections of membrane sheets.

To remove the AHW from the finished splice, disengage and pull the nozzle from the seam area. Use a Handheld Welder to complete the weld.

Perform test welds every morning and afternoon on each workday. Use a Carlisle TPO Seam Probe to test all heat welded seams.

Apply sealant on all cut edges after seam probing is completed. Repair problem areas in the seams according to the procedure specified by the manufacturer.

- F. Metal Edge Terminations** – Secure the metal edge systems to the wood nailers as recommended by the manufacturer. Refer to the details attached to this Section of the Specifications.
- G. Pipe Penetration** – Seal the membrane around the pipe penetration according to the manufacturer’s detail attached to this Section of the Specifications.

### **3.6 - MEASUREMENT AND PAYMENT**

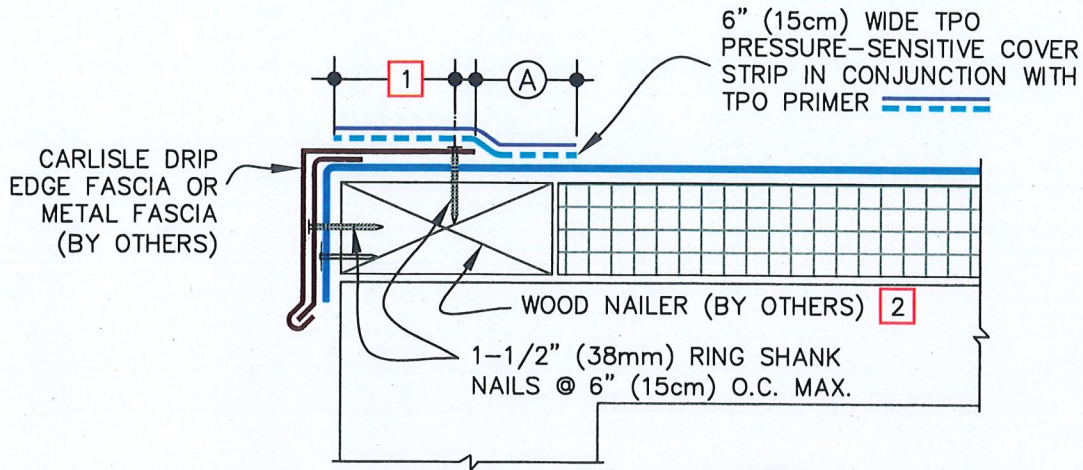
This price and payment shall constitute full compensation for the membrane roofing system including submittals, insulation panels, fascia, fasteners, and sealants as specified and shown and as directed by PGC staff including but not limited to all labor, materials, equipment, supervision, accessories, and related work.

**Insulation Panels** – Square Feet.

**Membrane Roof** – Square Feet.

CAUTION

DETAIL NOT FOR USE ON 25 OR 30-YEAR WARRANTY PROJECTS. ACCEPTABLE EDGING SHALL CONFORM WITH THERMOPLASTIC UNIVERSAL DETAILS U-1B, U-1C, U-1D, U-1E OR U-1F.

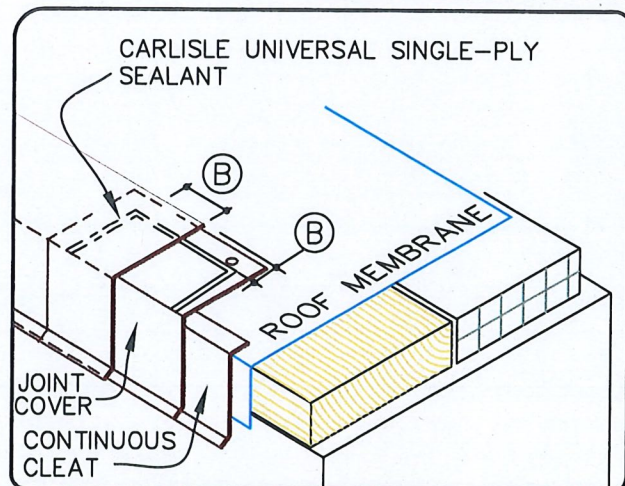


NOTES:

1. METAL FASCIA DECK FLANGE MUST BE TOTALLY COVERED BY TPO PRESSURE-SENSITIVE COVER STRIP WITH MINIMUM 2" (5cm) COVERAGE PAST NAIL HEADS.
2. WOOD NAILER MUST EXTEND PAST TOTAL WIDTH OF METAL FASCIA DECK FLANGE.
3. TO REMOVE FINISHING OILS, SCRUB METAL FLANGE WITH WEATHERED MEMBRANE CLEANER; ALLOW TO DRY PRIOR TO APPLYING TPO PRIMER.
4. APPLY TPO PRIMER TO METAL FLANGE AND MEMBRANE SURFACE PRIOR TO INSTALLING TPO PRESSURE-SENSITIVE COVER STRIP.
5. WHEN METAL FASCIA BY OTHERS IS USED, FASTENER TYPE AND FASTENING FREQUENCY SHALL BE RECOMMENDED BY METAL EDGE MANUFACTURER.
6. TO ENSURE TPO PRESSURE-SENSITIVE COVER STRIP CONFORMS TO STEP-OFFS, HEAT COVER STRIP AT SPLICE INTERSECTIONS PRIOR TO ROLLING.
7. THIS DETAIL IS NOT RECOMMENDED FOR ROOFS THAT ARE LIKELY TO EXPERIENCE SIGNIFICANT SNOW AND ICE UP-SLOPE FROM THE GUTTER /EDGE WITH A PITCH OF 3:12 OR GREATER.

TPO ONLY  
(NOT FOR PVC)

DIMENSIONS		cm	
(A)	2"	5	MIN.
(B)	1/2"	1.5	TO
	1"	2.5	



SecurSeal DRIP EDGE FASCIA

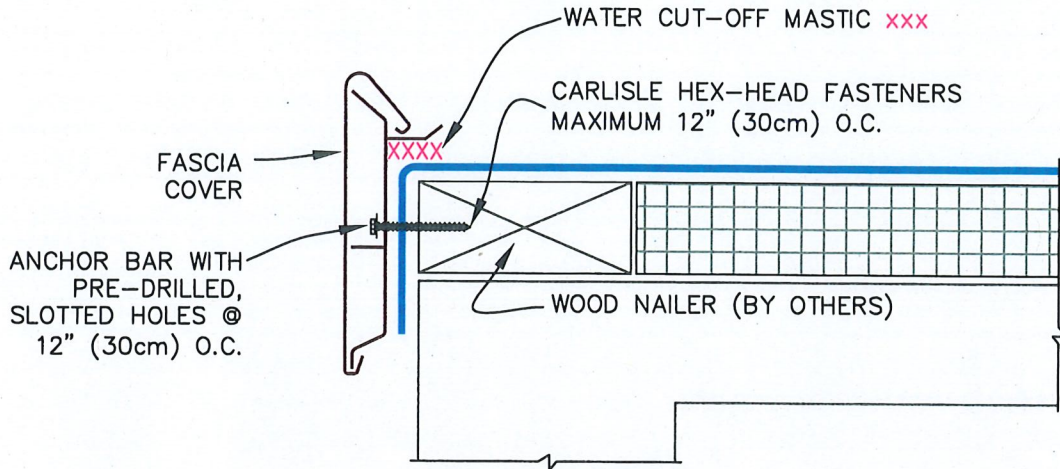
MAXIMUM WARRANTY: 20 YEARS



DETAIL NO.

U-1A

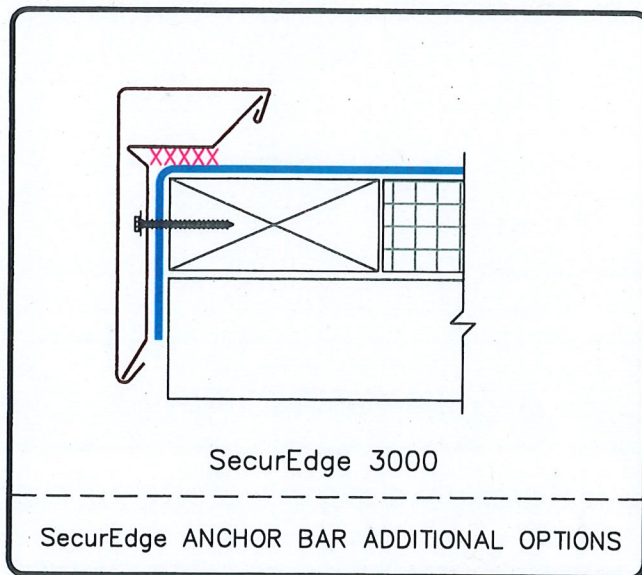
THERMOPLASTIC TPO



SecurEdge 2000

NOTES:

1. REFER TO SecurEdge INSTALLATION INSTRUCTION MANUAL FOR THE STEP BY STEP INSTALLATION PROCEDURES AND FOR THE VARIOUS PRODUCT FEATURES AVAILABLE.
2. IF INCIDENTAL/TEMPORARY PONDED WATER IS EXPECTED, THE SecurEdge MUST BE ELEVATED AND SCUPPERS PROVIDED FOR DRAINAGE.
3. ENSURE ROOF SLOPES AWAY FROM SecurEdge.



SecurEdge 3000

SecurEdge ANCHOR BAR ADDITIONAL OPTIONS



CARLISLE SecurEdge 2000 & 3000

MAXIMUM WARRANTY: 30 YEARS

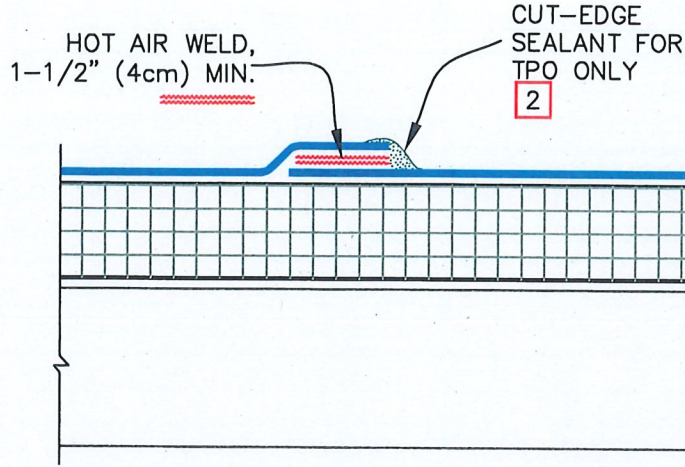


DETAIL NO.

U-1F

THERMOPLASTIC UNIVERSAL





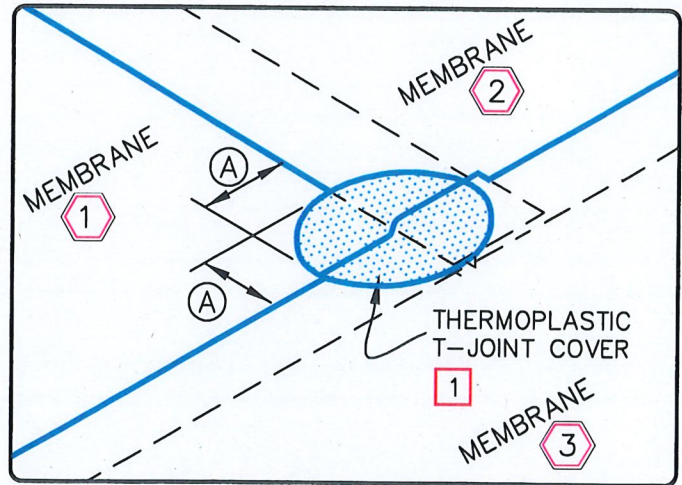
DIMENSIONS		cm	
(A)	2-1/4"	6	MIN.

NOTES:

1. WHEN USING 60-MIL TPO OR 80-MIL TPO OR PVC MEMBRANE, APPLY A 4-1/2" (11.5cm) DIAMETER "T-JOINT" COVER AT ALL FIELD SPLICE INTERSECTIONS.
2. APPROXIMATELY 1/8" (0.5cm) DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED TPO MEMBRANE.

T-JOINT REQUIREMENTS

MEMBRANE	THICKNESS		
	45/50	60	80
PVC	N/A	N/A	YES
KEE HP	N/A	N/A	YES
TPO	N/A	YES	YES



MEMBRANE SPLICE

MAXIMUM WARRANTY: 30 YEARS



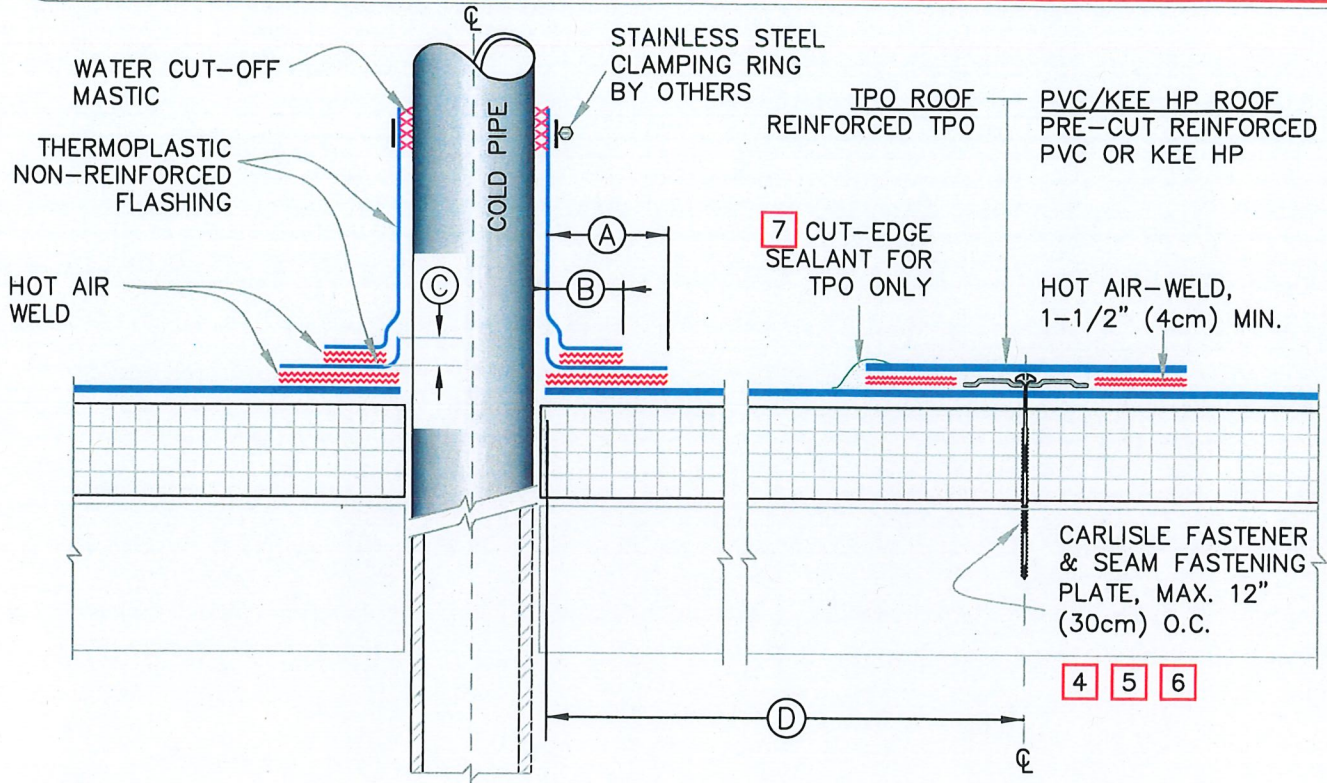
DETAIL NO.

U-2A

THERMOPLASTIC UNIVERSAL

CAUTION

DETAIL NOT FOR USE ON 25 OR 30-YEAR WARRANTY PROJECTS, PRE-FABRICATED/PRE-MOLDED ACCESSORIES MUST BE UTILIZED. ACCEPTABLE PIPE FLASHINGS SHALL CONFORM WITH THERMOPLASTIC UNIVERSAL DETAILS U-8A OR U-8C.



NOTES:

1. REMOVE ALL EXISTING LEAD AND FLASHING MATERIAL BEFORE INSTALLING FIELD FABRICATED PIPE FLASHING.
2. TEMPERATURE OF THE PIPE PENETRATION MUST NOT EXCEED 140°F (60°C) WHEN USING PVC AND 160°F (71°C) WHEN USING TPO FLASHING.
3. THERMOPLASTIC NON-REINFORCED FLASHING WRAPPED AROUND PIPE SHALL HAVE MINIMUM 1-1/2" (4cm) VERTICAL HOT AIR WELD.
4. INSTALL A MINIMUM OF 4 SEAM FASTENING PLATES FOR PIPES WITH A DIAMETER UP TO 6" (15cm). ADDITIONAL SEAM FASTENING PLATES WILL BE REQUIRED FOR PIPES GREATER THAN 6" (15cm) IN DIAMETER AND SHALL BE SPACED 12" (30cm) ON CENTER MAXIMUM.
5. FASTENERS/PLATES ARE NOT REQUIRED ON ADHERED SYSTEMS UNLESS PIPE DIAMETER EXCEEDS 18" (50cm).
6. ON MECHANICALLY FASTENED SYSTEMS, HP-X FASTENERS AND PIRANHA PLATES OR HP-XTRA FASTENERS AND PIRANHA XTRA PLATES ARE REQUIRED OVER STEEL AND WOOD DECKS. ON CONCRETE DECKS, CD-10 OR HD 14-10 FASTENERS ARE USED WITH PIRANHA PLATES.
7. APPROXIMATELY 1/8" (0.5cm) DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED TPO MEMBRANE ONLY.

DIMENSIONS		cm	
(A)	1-1/2"	4	TO
	2"	5	
(B)	1"	2.5	MIN.
(C)	1/2"	1.5	MIN.
(D)	12"	30	APPROX.



FIELD FABRICATED PIPE FLASHING  
 MAXIMUM WARRANTY: 20 YEARS



DETAIL NO.  
 U-8B  
 THERMOPLASTIC UNIVERSAL

## RECIPROCAL LIMITATIONS ACT REQUIREMENTS

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

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

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### 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:

	<b>STATE</b>	<b>PREFERENCE</b>
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:

	<b>STATE</b>	<b>PREFERENCE</b>
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:

<b>STATE</b>	<b>PREFERENCE</b>
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%

<b>STATE</b>	<b>PROHIBITION</b>
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:

<b>STATE</b>	<b>PROHIBITION</b>
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  
**BUILDING PERMIT**

**Level 1 Alterations**

The detailed description of alterations for 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 202390105  
Permit Holder AUSTIN KIEFFER  
Address PA GAME COMMISSION  
2001 ELMERTON AVE  
HARRISBURG PA 17110  
Building/Structure Name GAME COMMISSION  
NORTH CENTRAL REGIONAL OFFICE  
Building Address 1566 S ROUTE 44 RT  
JERSEY SHORE 17740  
Political Subdivision: NIPPENOSE TOWNSHIP  
County: LYCOMING

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

File Number 547927  
Application Approval Date 2/14/2023

A handwritten signature in black ink, appearing to read "Joseph C. Martin".

Joseph C. Martin  
Building Code Official

This permit will become invalid, if the approved construction has not commenced within 180 days of the date of issuance of this permit.