SECTION III – DESCRIPTION OF BID ITEMS

Bid Item 1:	Armed Forces Readiness Center
Unit:	Lump Sum (LS)
Description:	The item shall consist of any and all material, equipment, and labor for items required by the contract documents to provide a complete and functional Armed Forces Readiness Center building and/or assembly as shown under Base Bid in the drawings and Specifications. The Readiness Center includes lobbies, corridors, administration space, recruiting and family support space, educational facilities, storage, locker rooms, physical training rooms, mail rooms, toilets, janitor closets, as well as mechanical, electrical, and data rooms.
	This item shall include any additional items related to Site Construction where a unit cost has not been requested. Additionally, this work shall include site utilities, excavation and backfill to foundation Subgrade for utilities and foundations, and grading within five feet of the building perimeter. The work shall include, but is not limited to, all materials, labor, equipment, and incidentals to construct the facility within the terms and conditions of the plans and specifications. This work also includes, but is not limited to: building excavation; backfill; foundation systems; gravel dry beds; concrete; masonry; veneer brick; structural steel; metal stud framing; pre-engineered; metal trusses; carpentry and wood decking; waterproofing; insulation; roofing; interior and exterior walls; railings; doors; windows; finishes; casework; mechanical systems; electrical systems; fire suppression systems (see item 1a for separate line item pricing of Fire Pump); fire alarm; and data systems. The full extent of this work is defined by the Contract Documents, including the Drawings and Project Manual as well as any addenda issued during the bidding process. Work shall include, but is not limited to, providing labor, materials, equipment, and incidentals necessary to perform all items of work.
Measurement:	Measurement will be based on completion of the work described and accepted by the Contraction Officer Technical Representative (COTR)
Payment:	Payment for item will be in accordance with the specifications
Bid Item 1a:	Fire Pump
Unit:	Lump Sum (LS)
Description:	The item shall consist of any and all material, equipment, and labor for items required by the contract documents to provide a complete and functional Fire Pump and associated items as shown under Base Bid in the drawings and Specifications.
Measurement:	Measurement will be based on completion of the work described and accepted by the Contraction Officer Technical Representative (COTR)
Payment:	Payment for item will be in accordance with the specifications

Bid Item 1b:	Kitchen, Table/Chair Storage, Corridor (Rooms 132, 133 and C3)
Unit:	Lump Sum (LS)
Description:	Due to Funding Source requirements list as a lump sum the price for all items required for the construction of the Kitchen, Table Storage, Corridor section of the building. The cost should include all structure, mechanical, electrical, plumbing and finishes required to complete the indicated area. All items such as the RTU's over this area that are required for other parts of the building are to be priced under Item No. 1 "Armed Forces Readiness Center".
Measurement:	Measurement will be based on completion of the work described and accepted by the Contraction Officer Technical Representative (COTR)
Payment:	Payment for item will be in accordance with the specifications
Bid Item 2:	Mobilization/Demobilization
Unit:	Lump Sum (LS)
Description:	This work shall consist of the performance of construction preparatory operations, including the movement of personnel, equipment, and materials to and from the project site; payment of performance bond, guaranty bond, and other insurance premiums; establishment and removal of the contractor's field office and storage facilities, including fenced enclosure of staging area.
Measurement:	Measurement will be based on completion of the work described, prorated from lump sum amounts according to the Basis of Payment below.
Payment:	Payment for item will be in three installments. The first payment of 50 percent of the lump sum price will be made on the first estimate following partial mobilization including the placement or erection of the Contractor's office and storage facilities and the initiation of construction work. The second payment of 25 percent will be made on the next estimate following completion of substantial mobilization. The remaining 25 percent will be paid upon demobilization and satisfactory restoration of the contractor's staging and work area and final completion of the Project.
Bid Item 3:	General Administration
Unit:	Lump Sum (LS)

Description :	This work shall consist of performing the construction administrative duties associated with managing the construction of the Project as stated in Division 1 and throughout the Specifications, providing construction layout, providing temporary utilities for the site until 100% acceptance of the project by the COTR, and coordination of permanent utility installation and tie-in of site grading and access roads, administration and maintenance of all required permits for the project, including permit fees, and City of Fairmont Business and Occupation Taxes. In addition to any State and Federal permits, the City of Fairmont requires a "Grading, Filling, or Clearing" permit. West Virginia Department of Highways Encroachment and Highway Entrance Permits are included in this bid item.
Measurement:	Measurement will be based on completion of the work described, prorated from lump sum amounts according to the Basis of Payment below.
Payment:	Payment for item will be in three installments. The first payment of 25 percent of the lump sum price will be made upon 25 percent of completion of the Project. The second payment of 50 percent will be made upon the completion of 75 percent of completion of the Project. The remaining 25 percent will be paid upon completion of the Project.
Bid Item 4:	Project Quality Control
Unit:	Lump Sum (LS)
Description:	This work shall consist of establishing and maintaining a Quality Control Program throughout the duration of the project.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item
Payment:	This item will be paid for at the contract lump sum price, based on percentage of completion.

Bid Item 5:	WVDOH Encroachment Permit (Allowance)
Unit:	Lump Sum (LS) (Allowance No. 1)
Description:	This work shall consist of obtaining encroachment permit(s) for the access road tie-in, grading, and stormwater drainage on WVDOH right of ways as shown on the Plans or as required by the WVDOH. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The Contractor will not bid on this work, but will be reimbursed the actual permit fee(s). The Contractor shall submit an estimate for the permit(s) to the COTR for approval prior to submitting the application(s).

Payment:	This item shall be reimbursed by submitting the permit fee(s) receipt(s), based on acceptance of the encroachment(s) by the WVDOH and the COTR.
Bid Item 6:	Site Preparation
Unit:	Lump Sum (LS)
Description:	This work shall consist of the removal of trees and other vegetation, topsoil stripping and stockpiling, removal of existing utilities, installation of temporary utilities, and clearing and grubbing of all areas disturbed by the Contractor. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the contractor in completing this item.
Payment:	Payment shall be made at the contract unit price per lump sum.
Bid Item 7:	Building Demolition
Unit:	Lump Sum (LS)
Description:	This work shall consist of the demolition of structures as shown on the plans, salvaging specified equipment and disposing of all materials off site in an approved landfill or other approved disposal facility.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.
Payment:	Payment shall be made at the contract per lump sum price upon satisfactory completion and acceptance by the COTR.
Bid Item 8:	Sediment and Erosion Control
Unit:	Lump Sum (LS)
Description:	This item shall consist of furnishing, installation, maintenance and subsequent removal of necessary storm water structures, best management practices, and other work required to prevent escape of sediment from disturbed areas of project site. Also included is the preparation of a modification to the existing WV NPDES permit, submission, and administrative maintenance of any permits required by the West Virginia Department of Environmental Protection (WVDEP) or other agencies. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the contractor in completing this item.

Payment for item shall be in three installments. The first payment of 50% of the lump Payment: sum price shall be made on the first estimate following issuance of a modification to the existing WV NPDES Construction Stormwater Permit and installation of best management practices required by the approved Stormwater Pollution Prevention Plan. The second payment of 25% shall be made on the next estimate following finish grading and stabilization of all waste and borrow areas. The remaining 25% shall be paid upon termination of the WV NPDES permit by the WVDEP for properly stabilizing the site, demobilization, and final completion of the Project.

Bid Item 9:	Retention Pond
Unit:	Lump Sum (LS)
Description:	This work shall consist of constructing the sediment/retention pond as shown in the Plans. The work includes excavation, concrete, backfill, inlet and outlet structures, pipes, inlet and outlet protection, sediment removal and maintenance. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There shall be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.
Payment:	Payment shall be made at the contract unit price per lump sum.
Bid Item 10:	Waste Removal
Unit:	Ton (TN)
Description:	This work shall include, but is not limited to, removal and disposal of rubbish, trash, scrap, and other materials encountered at the site that require disposal at a sanitary landfill, except that material associated with the existing structures. The work includes sorting, loading, hauling, and disposal. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The quantity of work completed shall be measured in tons as evidenced by weigh tickets from a legally operating sanitary landfill and certified by the contractor to be correct.
Payment:	Payment shall be made at the contract unit price per ton.
Bid Item 11: Unit:	Utility Relocation (Allowance) Lump Sum (LS) (Allowance No. 2)
Description:	This work shall consist of relocating the existing Mon Power guy pole to the new location shown on the Plans or as required by the utilities. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement: The contractor will not bid on this utility work, but will be reimbursed the actual approved invoice cost. The contractor shall submit an estimate for the relocation work to the COTR for approval prior to execution.

Payment:This item shall be paid for the approved invoice from the utility company, based on
acceptance of the relocation by the affected utility and the COTR.

Bid Item 12:Unclassified ExcavationUnit:Lump Sum (LS)

Description: This work shall consist of, but is not limited to, unclassified excavation, loading and hauling of excavated material, placement and compaction, and shall include final grading, shaping and contouring of the excavation and fill areas. The terms for earthwork used in the remainder of this Section imply excavation in native materials. The Contractor, with approval of the COTR, shall adjust the final grades as necessary to create a finished project. The Contractor shall excavate to the lines and grades shown on the Plans. The Contractor shall perform all excavation of every description and of whatever materials encountered to the depths indicated on the Plans. No additional compensation shall be considered for rock excavation. Over-excavation and/or fill not shown on the Plans or specified herein shall be at the Contractor's expense, unless approved by the COTR prior to commencing such work.

Except at locations where excavation of unsuitable material is required, care shall be taken not to excavate below the depths specified. Final shaping and contouring of the areas shall be performed to the satisfaction of the COTR.

This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement: The method of measurement for determining the quantity of unclassified excavation required for grading work as described above shall be on a cubic yard for placed fill material which includes excavation, loading, hauling, placing and recompacting material to the surfaces as shown on the Plans. Method of measurement shall be before and after surveyed cross-sections of the fill area(s) and the average-end-area method for computing volume performed by a Professional Surveyor licensed in West Virginia. Cross sections are subject to the approval of the COTR. Fill placed outside the lines and grades in the plans will not be considered for payment.

Borrow areas (on- or off-site) shall be regraded and reclaimed, including sediment and erosion control and revegetation, at no additional cost to the COTR. Disposal of surplus and waste materials, if encountered, are incidental to this bid item and shall be performed at no additional cost to the COTR.

Payment: This item will be paid for at the contract unit price per cubic yard.

Bid Item 13: Lean Concrete Backfill

Unit: Cubic Yard (CY)

- **Description:** This work consists of furnishing and complete installation of lean concrete backfill under the building footings and as directed by the COTR. Excavation, concrete, concrete placement, and disposal of excavated soils are included with this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
- **Measurement:** The quantities of work done shall be measured in cubic yards. The quantity shall be determined by the Contractor from the total delivery slips for each vehicle and certified by the Contractor to be correct. Each delivery slip shall indicate the contract item numbers for the material being delivered. Only work accepted by the COTR shall be included, any work rejected or materials used for other items or purposes shall be deducted.

Payment: Payment shall be made at the contract price per cubic yard.

Bid Item 14:	Subgrade Preparation
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Unit: Square Yard (SY)

Description: This work shall include, but is not limited to, excavation, scarification, and recompaction of the top 24 inches of in-place subgrade under structures, building slabs, steps, and pavements in excavated areas. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work. Manipulation of the excavated material to achieve optimum moisture content shall be considered incidental to the work. If additional satisfactory soil fill is required to achieve subgrade elevations after compaction, it shall be considered incidental to the work.

Measurement: Measurement shall be based on square yards of area completed for the work described. Material prepared beyond approved limits shall not be included in the measured quantity. Subgrade preparation of other areas, such as walkways and lawn areas, is incidental to earthwork and shall not be paid for by this bid item.

Payment: Payment shall be made at the contract unit price per square yard.

Bid Item 15:	Soil Drying
Unit:	Ton (TN)
Description:	This work shall include, but is not limited to, quicklime application and mixing of stockpiles of existing satisfactory soils with high moisture content. The required demonstration of proposed techniques is incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement: The quantity of work completed shall be measured in tons of quicklime used as evidenced by weigh tickets for bulk loads or delivery slips for packaged materials certified by the contractor to be correct.

Payment: Payment shall be made at the contract unit price per ton.

Bid Item 16:	Removal and Replacement
Unit:	Cubic Yard (CY)
Description:	This work shall include, but is not limited to, excavation, transportation and disposal of excavated materials, importation of satisfactory material, placement of new material, and compaction. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work. Manipulation of the excavated material to achieve optimum moisture content shall be considered incidental to the work.
Measurement:	Measurement shall be based on cubic yards of area completed for the work described as measured by the COTR or his designated representative. Excess material or material placed beyond approved limits shall not be included in the measured quantity.
Payment:	Payment shall be made at the contract price per cubic yard.
Bid Item 17:	Over-Excavation
Unit:	Square Yard (SY)
Description:	This work shall include, but is not limited to, excavation below subgrade, transportation and disposal of unsuitable materials, placement of geogrid and AASHTO #1 stone, and proof-rolling areas of unsuitable soils in locations directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.
Payment:	Payment shall be made at the contract unit price per square yard.
Bid Item 18:	6" Subsurface Drains
Unit:	Linear Foot (LF)
Description:	This work shall consist of installation of 6" subsurface drains in locations specified on the plans or directed by the COTR. The drains are to be installed in locations that will intercept the maximum amount of seepage. Subsurface drain work includes dewatering, excavation, drainage fabric, stone, pipe, fittings, cleanouts and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including

labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement: Measurement shall be based on linear feet of drains in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings as typical pipe section in the pipe being measured.

Payment: This item shall be paid for at the contract price per linear foot.

Bid Item 19:	7" Concrete Paving
Unit:	Square Yard (SY)
Description:	This work consists of furnishing and complete installation of Portland cement concrete pavement, reinforcing, joints, sealants, and No. 57 aggregate at the areas as shown on the plans. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.
Payment:	Payment shall be made at the contract unit price per square yard.
Bid Item 20:	Free Draining Base Trench and Piping
Unit:	Linear Foot (LF)
Description:	This work shall consist of constructing free draining base trenches and outlet pipes in reasonably close conformity with the lines, grades, dimensions, and locations shown on the Plans or established by the COTR. Excavation, perforated pipe, filter material, outlet pipe, aggregate backfill, and disposing of all surplus material is included with this item.

- This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.Measurement: The quantity of work done shall be measured by the linear foot of free draining base trench installed, complete in place and accepted. The perforated pipe, geotextile, and
- trench installed, complete in place and accepted. The perforated pipe, geotextile, and aggregate backfill is a component of the free draining base trench. Length shall be determined from actual measurements once the free draining base trench is in place. No deductions shall be made for placement of the drop connection required at outlet pipe locations. Outlet pipes required from the free draining base trench to daylight or another drainage structure are incidental to this item.
- **Payment:** The quantities, determined as provided above, shall be paid for at the contract unit price per linear foot.

Bid Items 21-22: Fabric Separation, Fabric Woven

Unit:	Square Yard (SY)
Description:	This work shall consist of furnishing and installing geotextile fabric of designated types in pavement sections as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond design limits shall not be included in the measured quantity. Fabric used in free draining base trench is not included in this pay item.
Payment:	Payment shall be made at the contract unit price per square yard.
Bid Item 23:	Hardstand Paving
Unit:	Square Yard (SY)
Description:	This work includes, but is not limited to, furnishing and complete installation of AASHTO #1 and WVDOH Class 1 aggregates for pavements. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.
Payment:	Payment shall be made at the contract unit price per square yard.
Bid Item 24:	Pavement Marking
Unit:	Lump Sum (LS)
Description:	Pavement markings shall consist of furnishing and installing various types of markings, as shown on the plans and an additional 1,000 sq ft for miscellaneous marking as directed by the COTR. It shall include, but is not limited to, edge lines, center lines, handicapped symbols, parking lines, shoulders, stop lines and pedestrian crossing markings. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There will be no direct measurement of labor, materials and services provided by the contractor in completing this item.
Payment:	This item shall be paid for at the contract lump sum price upon satisfactory completion of all pavement markings shown on the plans.
Bid Item 25:	Wheel Stops

Unit:	Each (EA)
Description:	This work includes, but is not limited to, furnishing and complete installation of plastic wheel stops as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The quantity of work done shall be measured per each wheel stop completely installed.
Payment:	Payment shall be made at the contract unit price per each.
Bid Item 26:	Concrete Curbing
Unit:	Linear Foot (LF)
Description:	This work shall includes, but is not limited to, the construction of cast-in-place concrete curbing at the locations shown on the Plans, or as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Curbing shall be measured along the front face of the section at the finish grade elevation.
Payment:	Payment shall be made at the contract unit price per linear foot.
Bid Item 27:	Signage
Bid Item 27: Unit:	Signage Lump Sum (LS)
Unit:	Lump Sum (LS) This item includes, but is not limited to, furnishing and installing miscellaneous signs, stop, parking, informational, etc. as noted on the Plans or as directed by the COTR. Signs, posts, foundations, and necessary hardware are included. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to
Unit: Description:	Lump Sum (LS) This item includes, but is not limited to, furnishing and installing miscellaneous signs, stop, parking, informational, etc. as noted on the Plans or as directed by the COTR. Signs, posts, foundations, and necessary hardware are included. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Unit: Description: Measurement:	Lump Sum (LS) This item includes, but is not limited to, furnishing and installing miscellaneous signs, stop, parking, informational, etc. as noted on the Plans or as directed by the COTR. Signs, posts, foundations, and necessary hardware are included. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work. Measurement shall be based on completion of work described.

Measurement:

Measurement:	Measurement shall be based on linear feet of gravel apron in place, completed, and accepted by the COTR.
Payment:	This item shall be paid for at the contract price per linear foot.
Bid Item 29:	Sidewalk
Unit:	Square Yard (SY)
Description:	This work shall consist of furnishing and installing welded wire mesh reinforcing, 4,000 psi air-entrained concrete, Class 1 stone, formwork and incidentals associated with concrete sidewalks and pads as detailed on the Plans. The areas adjacent to the building shall also include drainage fill and foam insulation. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.
Payment:	Payment shall be made at the contract unit price per square yard.
Bid Items 30–32:	Type I Lawns, Type II Lawns, Type III Ground Cover
Unit:	Lump Sum (LS)
Description:	This work shall consist of various types of lawns and ground cover as shown on the Drawings and specified in Section 329200, "Turfs and Grasses". The bid item shall include fine grading and preparing lawn areas, furnishing and applying soil amendments and fertilizers, seeding lawn areas, protection and maintenance of lawn areas. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on completion of work described.
Payment:	Payment shall be made at the contract unit price for lump sum.
Bid Item 33:	Farm Gate
Unit:	Each (EA)
Description:	This work consists of furnishing and complete installation of a Farm Gate for vehicular access through the field fence. The price shall include excavating, trenching, concrete footings, backfilling, hardware, chain, and locks. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement shall be based on linear feet of gravel apron in place, completed, and

Measurement: Measurement shall be per each gate completely installed.

Payment: The accepted quantities of gates shall be paid for at the contract unit price per each complete in place.

Bid Items 34–37:5' Personnel Gate; Double Swing Gate – 16'; Sliding Gate – 20', 24'Unit:Each (EA)

complete in place.

Description:	This work consists of furnishing and complete installation of various types of gates for chain link fences and site security. The price shall include excavating, trenching, concrete footings, backfilling, grouting posts in place, grounding, bonding, barbed wire, and locks. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be per each gate completely installed.
Payment:	The accepted quantities of gates shall be paid for at the contract unit price per each

Bid Item 38:	Field Fencing
Unit:	Linear Foot (LF)
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Description:	This work consists of furnishing and complete installation of field fencing. The price will include clearing vegetation, excavating, backfilling, fence fabric, diagonal bracing, and wooden posts. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be along the bottom wire of the fence from outside to outside of end posts for each continuous run of fence, excluding lengths occupied by vehicular gates.
Payment:	The accepted quantities of fencing materials shall be paid for at the contract unit price per linear foot complete in place.
Bid Item 39:	Security Fencing
Unit:	Linear Foot (LF)
Description:	This work consists of furnishing and complete installation of chain link fencing. The price will include excavating, trenching, concrete footings, backfilling, grouting posts in place, grounding, bonding, and barbed wire. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be along the bottom wire of the fence from outside to outside of end posts for each continuous run of fence, excluding lengths occupied by gates.

Payment: The accepted quantities of fencing materials shall be paid for at the contract unit price per linear foot complete in place.

Bid Item 40:	40' Flagpole
Unit:	Each (EA)
Description:	This item includes furnishing and installing the 40' aluminum flagpole in front of the facility. The foundation, including excavation, aggregate, concrete and miscellaneous hardware are incidental to this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There shall be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.
Payment:	Payment shall be made at the contract unit price for each.
Bid Item 41:	Force Protection Wall
Unit:	Linear Foot (LF)
Description:	This item of work consists of furnishing and installing precast concrete block exterior walls as shown on the Plans. Excavation, gravel foundations, backfill, and associated subsurface drainage are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be by the linear foot along the front face of the wall at the finished grade elevation.
Payment:	Payment shall be made at the contract unit price for linear foot.
Bid Item 42:	Loading Dock Wall
Unit:	Lump Sum (LS)
Description:	This item of work is a pour in place concrete retaining wall. Excavation, backfill, handrail, concrete finishing, and associated subsurface drainage are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There shall be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.
Payment:	Payment shall be made at the contract unit price for lump sum.

Bid Items 43–45: Bollards 8", 12", Removable

- **Description:** This work consists of furnishing and complete installation of bollards. The unit price shall include furnishing and installing metal posts, and associated hardware, concrete footings, excavation, backfill, and compensation for doing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, and incidentals required to complete the work.
- **Measurement:** The quantity of work done shall be measured per each bollard completely installed and accepted by the COTR.
- **Payment:** Payment shall be made at the contract unit price per each.

Bid Item 46:	Trash Enclosure
Unit:	Lump Sum (LS)
Description:	This work shall consist of constructing a pad and fencing at the back of the main building as shown in the Plans. Excavation, concrete, aggregate base, privacy fencing, and other ancillary equipment are incidental to this item of work. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.
Payment:	Payment shall be made at the contract unit price for lump sum.
Bid Item 47:	Not Used
Bid Item 48:	Gravel Maintenance Strip
Unit:	Linear Foot (LF)
Description:	This work shall consist of installation of the gravel maintenance strip in locations specified on the plans or as directed by the COTR. Gravel maintenance strip work includes excavation, geotextile fabric, stone, and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on linear feet of gravel maintenance strip in place,

- completed, and accepted by the COTR.
- **Payment:** This item shall be paid for at the contract price per linear foot.

Bid Items 49–53: Water Line, PVC – 4", 6", 10", 12"; Water Line, DIP – 12"

Unit: Linear Foot (LF)

- **Description:** This work shall consist of furnishing and installing various sizes of water line. These prices shall fully compensate the Contractor for providing pipe, fittings, valves, bedding, excavation, backfill, concrete thrust blocks, concrete encasement, steel casing pipe, asphalt repair, curb stops, flushing, testing, coordination with the City of Buckhannon and agencies having jurisdiction for acceptance. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
- **Measurement:** Measurement shall be based on linear feet of water line in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings and appurtenances associated with the water line.

Payment: Payment shall be made at the contract unit price per linear foot.

Bid Item 54:	Fire Hydrant
Unit:	Each (EA)
Description:	This work consists of furnishing and complete installation of exterior fire hydrants. The unit price shall include furnishing and installing a fire hydrant, fittings, excavation, bedding, backfill, concrete thrust blocks, saw-cutting of pipe, and testing and inspection. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The quantity of work done shall be measured per unit fire hydrant acceptably installed.
Payment:	Payment shall be made at the contract unit price per each.
Bid Item 55:	Manholes, Sanitary Sewer
Unit:	Vertical Foot (VF)
Description:	This work shall include, but is not limited to, installing pre-cast concrete manholes at the locations specified in the plans. Excavation, bedding, manhole section and grade ring installation, backfill, and testing and inspection are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on vertical feet of manhole in place, as measured from the invert to the top of concrete or spacer ring, completed and accepted by the COTR and authorities having jurisdiction.
Payment:	Payment shall be made at the contract unit price per vertical foot.

Bid Item 56:	Frame & Cover, Sanitary Sewer
Unit:	Each (EA)
Description:	This work consists of furnishing, placing and installing the frame and cover for sanitary manholes as detailed in the Plans. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be per frame and cover installed and accepted by the COTR.
Payment:	Payment shall be made at the contract price per each.
Bid Items 57-60:	Sanitary Sewer Line, PVC – 4", 6", 8"; DIP – 8"
Unit:	Linear Foot (LF)
Description:	This work shall consist of furnishing and installing various sizes of sanitary sewer piping. These prices shall fully compensate the Contractor for providing pipe, bedding, excavation, backfill, fittings, cleanouts, casing pipes, pavement repairs, testing and coordination with the City of Buckhannon for acceptance. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on linear feet of sanitary sewer piping in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings, appurtenances, and cleanouts associated with the sanitary sewer piping.
Payment:	Payment shall be made at the contract unit price per linear foot.
Bid Item 61:	3" Gas Service Line
Unit:	Linear Foot (LF)
Description:	This work shall consist of furnishing and installing 3" gas lines from the building to point of connection on the Plans. These prices shall fully compensate the Contractor for providing pipe, bedding, excavation, backfill, valves, existing utility tie-ins, pavement restoration, and casing pipes. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on linear feet of gas line in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings and appurtenances associated with the gas line.
Payment:	Payment shall be made at the contract unit price per linear foot of line in service.

Bid Items 62–64: Storm Line, PVC – 6", 8", 12"

Unit: Linear Foot (LF)

- **Description:** This work consists of the furnishing and complete installation of PVC pipe for storm drainage outside the building. This price shall fully compensate the Contractor for providing pipe, bedding, excavation, backfill, fill, fittings, and pavement repairs. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
- Measurement: Conduit of the different types and sizes, shall be measured by the linear foot in place, the measurement being made along the centerline of each pipe installed. Branch connections, tees, wyes, and elbows shall be measured along their centerlines and these lengths included in the total lengths of the appropriate conduit. Wyes, tees, and other branch connections shall be measured along the centerlines to points of intersection. The portion of pipe extending through to the inside face of headwalls of all types, manholes, inlets, boxes, or other structures shall be included in the measurement.
- **Payment:** Payment shall be made at the contract unit price per linear foot.

Bid Items 65–68: Storm Line, HDPE – 12", 18", 24", 30"

Unit: Linear Foot (LF)

- **Description:** This work consists of the furnishing and complete installation of high density polyethylene pipe for storm drainage. Pipe, bedding, excavation, backfill, fill, fittings, and pavement repairs, are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
- Measurement: Conduit of the different types and sizes, shall be measured by the linear foot in place, the measurement being made along the centerline of each pipe installed. Branch connections, tees, wyes, and elbows shall be measured along their centerlines and these lengths included in the total lengths of the appropriate conduit. Wyes, tees, and other branch connections shall be measured along the centerlines to points of intersection. The portion of pipe extending through to the inside face of headwalls of all types, manholes, inlets, boxes, or other structures shall be included in the measurement.

Payment:	Payment shall be made at the contract unit price per linear foot.
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Bid Item 69:	Type 2 Ditch
Unit:	Linear Foot (LF)
Description:	This work shall consist of the construction of open flow ways for surface drainage, using geotextile fabric and riprap. Excavation, shaping and lining and geotextile fabric are incidental.
Measurement:	The quantity of work done shall be measured along the flow line of the ditch, from the first point of design depth to the point where the ditch breaks the plane of the drainage structure it empties into.

Payment:Payment shall be made by the contract unit price per linear foot.

Bid Item 70:	Type 4 Ditch
Unit:	Linear Foot (LF)
Description:	This work shall consist of the construction of open flow ways for surface drainage, using permanent erosion control matting. Excavation, shaping, seeding, and lining are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The quantity of work done shall be measured along the flow line of the ditch, from the first point of design depth to the point where the ditch breaks the plane of the drainage structure it empties into.
Payment:	Payment shall be made by the contract unit price per linear foot.
Bid Item 71:	Junction Box
Unit:	Each (EA)
Description:	This work shall consist of installing pre-cast or cast-in-place concrete junction boxes for storm drainage. Pipe connection, bedding, excavation, backfill, fill, fittings, frames and
	covers, and pavement repairs, are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on each junction box in place completed, and accepted by the COTR.
Payment:	Payment shall be made at the contract unit price for each.
Bid Items 72–73:	Type "B" Drop Inlets, Type "G" Drop Inlets
Unit:	Each (EA)
Description:	This work shall consist of installing pre-cast or cast-in-place concrete inlets for storm drainage. Pipe connection, bedding, excavation, backfill, fill, fittings, grates, frames, and pavement repairs, are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on each drain inlet in place completed, and accepted by the COTR.
Payment:	Payment shall be made at the contract unit price per each.

Bid Items 74-75:	12" In-Line Yard Drain, Drain Basin
Unit:	Each (EA)
Description:	This work shall consist of installing inlets for storm drainage. Inlets, grates, pipe, excavation, bedding, backfill, fill, fittings and pavement repairs are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on each drain inlet in place completed, and accepted by the COTR
Payment:	Payment shall be made at the contract unit price for each.
Bid Item 76:	Trench Drain & Grate
Unit:	Linear Foot (LF)
Description:	This work shall consist of installing a vehicular trench drain for storm drainage. Pipe connection, bedding, excavation, backfill, reinforcement, concrete, fittings, frames and grates are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on linear foot of trench drain installed and accepted by the COTR, measured along the center-line from end of grate to end of grate.
Payment:	Payment shall be made by the contract unit price per linear foot.
Bid Item 77:	Concrete Headwall
Unit:	Each (EA)
Description:	This work shall consist of installing cast-in-place concrete headwalls for storm drainage. Excavation, forming, reinforcement, concrete, pipe connection, aggregate bedding, backfill, and concrete finishing are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be for each headwall completely installed.
Payment:	Payment shall be made at the contract unit price for each complete and in place.
ALTERNATE BI	DITEMS

Bid Items 74-75: 12" In-Line Yard Drain, Drain Basin

ALTERNATE BID ITEMS

DEDUCTIVE ALTERNATES

Alternate Bid Item #1D – Asphalt Paving

Description:	This work shall consist of changing the 7" Co Type 2 Asphalt Pavements as identified in t	
Bid Item 78:	HMA Wearing Course	
Unit:	Ton (TN)	
Description:	This work shall consist of furnishing and wearing course asphalt in accordance with th pavement shall be accepted, with respect to shall consist of approximately 2,000 SF of random location of each of the five sub-lots	ne Plans and Specifications. The completed compaction, on a lot-to-lot basis. Each lot each layer or course by shall be taken at a
	The target percentage of density shall be 96	percent.
	The compaction density of the asphalt shall averages of all the five consecutive compact compaction percent of 96% and no indiv specified compaction by more than 5 perc compaction results is below the 96 percent, the that tonnage of asphalt representing the area	ion results equal to or exceed the specified idual strength test result falls below the cent. If the average of five consecutive hen a payment adjustment shall be made for
	This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	
Measurement:	The quantities of work done shall be measure be determined by the Contractor from the tota upon automatic batching plant, and certified slip shall indicate the contract item numbers	al weigh slips for each vehicle load weighed by the Contractor to be correct. Each weigh
Payment:	Payment shall be made at the contract unit p	price per ton.
	The quantities, determined as provided per the specifications, shall be paid for at the Contract unit prices bid for the items listed, which prices and payments shall be full compensation for furnishing all materials and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, field laboratory, supplies and incidentals necessary to complete the work.	
	Adjustment of Price: Bituminous concrete found not in compliance with the tolerance requirements shall be paid for at an adjusted contract price specified	
	The payment adjustment to tonnage of we rounded to the nearest tenth:	ork places is as follows with percentages
	Average Compaction % for a Lot 96 94-95.9 92-93.9	Percent of Contract Price Paid 100 98 93

89-91.9	90
Less than 89	No acceptance

Bid Item 79:	HMA Base Course	
Unit:	Ton (TN)	
Description:	This work shall consist of furnishing and ina accordance with the Plans and Specification overlaying wearing course. The completed p compaction, on a lot-to-lot basis. Each lot sh each layer or course by shall be taken at a ran	ons. Scratch course is incidental to the avement shall be accepted, with respect to hall consist of approximately 2,000 SF of
	The target percentage of density shall be 96	percent.
	The compaction density of the asphalt shall averages of all the five consecutive compacti compaction percent of 96% and no indivi- specified compaction by more than 5 perc compaction results is below the 96 percent, the that tonnage of asphalt representing the area	on results equal to or exceed the specified dual strength test result falls below the ent. If the average of five consecutive en a payment adjustment shall be made for
	This includes performing all work prescribed including labor, tools, equipment, supplies, required to complete the work.	
Measurement:	The quantities of work done shall be measure be determined by the Contractor from the tota upon automatic batching plant, and certified b slip shall indicate the contract item numbers	l weigh slips for each vehicle load weighed by the Contractor to be correct. Each weigh
Payment:	Payment shall be made at the contract unit pa	rice per ton.
	The quantities, determined as provided per the specifications, shall be paid for at the Contract unit prices bid for the items listed, which prices and payments shall be full compensation for furnishing all materials and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, field laboratory, supplies and incidentals necessary to complete the work.	
	Adjustment of Price: Bituminous concrete for requirements shall be paid for at an adjusted	
	The payment adjustment to tonnage of work places is as follows with percentages rounded to the nearest tenth:	
	Average Compaction % for a Lot 96	Percent of Contract Price Paid 100
	94-95.9	98
	92-93.9	93
	89-91.9	90

No acceptance

Less than 89

Bid Item 80:	Free Draining Base
Unit:	Ton (TN)
Description:	This work consists of furnishing and complete installation of open graded free draining base course for pavements. Aggregate, compaction, binder material, and curing are included with this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The quantities of work done shall be measured in tons as designated. The quantity shall be determined by the Contractor from the total weigh slips for each vehicle load weighed on an approved standard scale or from digital print-out slips from an automatic batching plant, and certified by the Contractor to be correct. Each weigh slip shall indicate the contract item numbers for the material being delivered. Only work accepted by the COTR shall be included, any work rejected or materials used for other items or purposes shall be deducted.
Payment:	Payment shall be made at the contract price per ton.

ADDITIVE ALTERNATES

Alternate Bid Ite	Alternate Bid Item 1 – Wash Rack	
Description:	This work shall consist of adding a Vehicle Wash Rack and access to it. The grading	
	and drainage associated with the wash rack are included in the base bid.	
Bid Item 81:	Water Line, PVC – 1-1/2"	
Unit:	Linear Foot (LF)	
Description:	This work shall consist of furnishing and installing 1-1/2" water line. These prices shall fully compensate the Contractor for providing pipe, fittings, valves, bedding, excavation, backfill, concrete thrust blocks, concrete encasement, steel casing pipe, asphalt repair, curb stops, flushing, testing, coordination with the City of Buckhannon and agencies having jurisdiction for acceptance. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	
Measurement:	Measurement shall be based on linear feet of water line in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings and appurtenances associated with the water line.	
Payment:	Payment shall be made at the contract unit price per linear foot.	
Bid Item 82:	Cleanout, Sanitary Sewer	
Unit:	Each (EA)	

Description:	This work consists of furnishing and complete installation of cleanout. The unit price shall include furnishing and installing pipe, fittings, concrete apron, excavation, and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	The quantity of work done shall be measured per each cleanout completely installed and accepted by the COTR.
Payment:	Payment shall be made at the contract unit price per each.
Bid Item 83:	Oil/Water Separator
Unit:	Each (EA)
Description:	This work consists of furnishing and complete installation of an underground separator designed for gravity separation of free oils (hydrocarbons and other petroleum products) and settable solids from wastewater. Excavation, backfill, concrete pad, bedding material, manways, piping and fittings to a point beyond the outline of the tank, alarm and control panel, electrical and data wiring, and vent piping are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	Measurement shall be based on completion of the work described according to the Basis of Payment below.
Payment:	Payment shall be made at the contract unit price for each.
Bid Item 84:	Vehicle Wash Rack
Unit:	Lump Sum (LS)
Description:	This work shall consist of adding a Vehicle Wash Rack as shown in the Plans. Excavation, concrete, aggregate base, waterstops, associated drainage structures, piping, conduits, canopy system, post hydrant, hose reels and hose, and other ancillary equipment within the boundary created by the edge of the concrete pad are incidental to this item of work. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.
Payment:	Payment shall be made at the contract unit price for lump sum.

Alternate Bid Item 2 – Fuel Point

Description: This work shall consist of adding a Vehicle Fuel Point and access to it. The grading and drainage are included in the base bid.

Bid Item 85:	Fuel Point	
Unit:	Lump Sum (LS)	
Description:	This work shall consist of installing a Fuel Point as shown in the Plans. Excavation, concrete, aggregate base, waterstops, associated drainage structures, piping, conduits, canopy system, bollards, and other ancillary equipment within the boundary created by the edge of the concrete pad are incidental to this item of work. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	
Measurement:	There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.	
Payment:	Payment shall be made at the contract unit price for lump sum.	
Bid Item 86:	Fuel Dispensing System (Allowance)	
Unit:	Lump Sum (LS) (Allowance No. 3)	
Description:	This work shall consist of adding a Fuel Dispensing System as shown in the Plans. This item is an allowance to be used for procurement of a dual compartment, UL 142 Model 10C1, 3,000 gallon and 500 gallon, storage and dispensing system via GSA Contract #07F-0512U; Bryant Fuel and Power Systems, Inc. of Bakersfield, California; 800-873-3566, POC George Adam. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	
Measurement:	There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.	
Payment:	This item shall be paid for the approved invoice from the GSA contracted supplier of the system, based on acceptance of the installed system by the COTR.	
Alternate Bid Iter	m #3 – Security Fencing Upgrade	
Description:	This work shall consist of upgrading all security fencing, swing gates, sliding gates, and alternate bid items to an eight foot chain-link fabric height.	
Bid Item 87:	Fencing/Gate Upgrade	
Unit:	Lump Sum (LS)	
Description:	This work shall consist of upgrading all security fencing, swing gates, sliding gates, and alternate bid items to an eight foot chain-link fabric height. Force Protection Gate is not included. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	

Measurement:	There will be no direct measurement of materials, labor, and services provided by the
	Contractor in completing this item.

Payment: Payment shall be made at the contract unit price for lump sum.

Alternate Bid Item #4 – Military Equipment Parking Concrete Paving

Description: This work shall consist of installing 7" Concrete Paving instead of Hardstand Paving for the indicated areas within the Military Equipment Parking (MEP).

Alternate Bid Item #5 – Loading Ramp

Description:	This work shall consist of adding a Loading Ramp in the MEP. The grading and	
	drainage associated with this item are included in the base bid.	
Bid Item 88:	Double Swing Gate – 30'	
Unit:	Each (EA)	
Description:	This work consists of furnishing and complete installation of 30' double swing gates for chain link fences and site security. The price shall include excavating, trenching, concrete footings, backfilling, grouting posts in place, grounding, bonding, barbed wire, and locks. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	
Measurement:	Measurement shall be per each gate completely installed.	
Payment:	The accepted quantities of gates shall be paid for at the contract unit price per each complete in place.	
Bid Item 89:	Loading Ramp	
Unit:	Lump Sum (LS)	
Description:	This item of work is a cast-in-place reinforced concrete loading ramp with two levels. The aggregate, backfill, dock bumpers, bollards, excavation and soil backfill, and any other ancillary equipment required are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.	

Measurement: There shall be no direct measurement for materials, labor, and services provided by the Contractor in completing this item.

Payment: Payment shall be made at the contract unit price for lump sum.

END OF SECTION