Purchasing Department
840 W. 11th St., Suite 2500
Panama City, FL 32401
Telephone: (850) 248-8270
Fax: (850) 248-8276

A PROUD PAST
A BRIGHT FUTURE

BOARD OF COUNTY COMMISSIONERS

June 25, 2013

Prospective Bidder

RE: Addendum No. 1
13-25 NSA North Gate PM Peak Exit Project

Please accept this as Addendum No. 1, for the above referenced project.

1. The Summary of Pay Items in the Plans is changed to:

SUMMARY OF PAY ITEMS			
ITEM	**DESCRIPTION**	**QTY**	**UNIT**
101-1	MOBILIZATION	1	LS
102-1	MAINTENANCE OF TRAFFIC	1	LS
104-10-3	SEDIMENT BARRIER	500	LF
110-1-1	CLEARING & GRUBBING	1	LS
120-1	REGULAR EXCAVATION	3	CY
120-6	EMBANKMENT	83	CY
160-4	12" TYPE "B" STABILIZATION	200	SY
162-1-11	FINISHED SOIL LAYER	450	SY
285-7-06	OPTIONAL BASE GROUP 6 (8" LIMEROCK ONLY)	175	SY
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG. DEPTH	266	SY
334-1-12	SUPER PAVE ASPHALT CONCRETE, TRAFFIC B, SP 9.5, PG 67-22 (220 LB/SY)	50	TN
400-2-5	CONCRETE CLASS II, SUBSTRUCTURE	6	CY
515-23-01	PED/BICYCLE RAILING, ALUM, 42" PICKET RAIL	20	LF
520-1-10	CONCRETE CURB & GUTTER, TYPE F	15	LF
522-1	CONCRETE SIDEWALK, 4"	18	SY
527-1	DETECTABLE WARNING MATS (WET SET)	2	EA
550-10-140	FENCING, TYPE A, 6.1' – 7.0', STANDARD	50	LF
550-10-158	FENCING, TYPE A, 6.1' – 7.0', RESET EXISTING	20	LF
550-60-133	FENCE GATE, TYPE A, SLIDING/CANTILEVER, 12.1-18' OPENING	1	EA
570-1-2	PERFORMANCE TURF, SOD	450	SY

ITEM	DESCRIPTION	QTY	UNIT
700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	10	AS
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	20	EA
710-111-22	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8”	1,623	LF
710-111-23	PAINTED PAVEMENT MARK, STD, WHITE, SOLID, 12”	206	LF
710-111-24	PAINTED PAVT MARKINGS, STD, WHITE, SOLID, 18”	140	LF
710-111-25	PAINTED PAVEMENT MARK, STD, WHITE, SOLID, 24”	96	LF
710-111-60	PAINTED PAVEMENT MARK, STD, WHITE, MESSAGE	2	EA
710-111-70	PAINTED PAVEMENT MARK, STD, WHITE, ARROW	2	EA
711-111-22	THERMOPLASTIC, STD, WHITE, 8”	1,623	LF
711-111-23	THERMOPLASTIC, STD, WHITE, 12”	206	LF
711-111-24	THERMOPLASTIC, STD, WHITE, 18”	140	LF
711-111-25	THERMOPLASTIC, STD, WHITE, 24”	96	LF
711-111-60	THERMOPLASTIC, STD, WHITE, MESSAGE	2	EA
711-111-70	THERMOPLASTIC, STD, WHITE, ARROW	2	EA
MISC. 1	TIRE SHREDDER	3	EA
MISC. 2	EXTERIOR WALL MOUNTED SPOT LIGHTS	2	EA
MISC. 3	TEMPORARY FENCING	450	LF
ADDITIVE ALTERNATE BID ITEMS			
ITEM	**DESCRIPTION**	**QTY**	**UNIT**
MISC. 4	GUARD SHACK (INCLUDES ELECTRICAL)	1	EA

2. Base Bid Pay Item Note 1 in the ITB and on the plans is changed to read:

1. Pay Item 101-1 lump sum price includes project layout, removal of existing pavement marking on US 98 on-ramp and detailed construction schedule(s).

3. Attachment 3 “Contractor Safety Brief” is added to the ITB.

4. Attachment 4 “Naval Support Activity Panama City Instruction 5100.2 - Construction Contractor Safety Policy” is added to the ITB.

5. “NAVFAC SE-NOSC Site Improvements Section 32 31 13.53 High Security Chain Link Fences and Gates 04/08” Specification is added to the ITB.

6. Replace Bid Form (pages 31-35 of the ITB) with the attached Bid Form, pages 31 thru 35.

Sincerely,

Wendi Sellers

Wendi Sellers
Administrative Services Director

GW/ma

CONTRACTOR SAFETY BRIEF
NAVAL SUPPORT ACTIVITY PANAMA CITY (NSA PC)

Contractor brief as of 1-31-2012

NOTE: If possible, this form should be reviewed with the contractor by a NSA PC safety representative otherwise the individual with oversight of the contract is expected to perform this review. The last page must be completed, signed, and returned to the NSA PC Safety Office in Bldg 126 (Fax number 230-7163) PRIOR to any contractual work being performed.

1. All contractors working aboard NSA PC shall adhere to and comply with all safety requirements of the Department of the Army Engineering Manual (AEM) 385-1-1, Occupational Safety and Health Administration (OSHA), CNRSEINST 5100.1, and NAVFACENGCOM P-307, applicable to the work being performed. Contactors should also be aware that NSA PC is pursuing improvement and recognition of its safety and health programs by implementing the proven concepts of the OSHA Voluntary Protection Programs (VPP). All contractors should be aware of NSA PC's VPP participation, and should expect to see a higher level of interest in safety and health matters than they may experience at other installations. Contractors working on NSA PC are expected to cooperate with NSA PC's VPP efforts by working safely and following the local and higher authority safety and health guidance/requirements described in this document. In order to gain a better understanding of what NSA PC's participation in VPP entails, all contractors are encouraged to become familiar with VPP. A good source of VPP information is http://www.osha.gov/dcsp/vpp/index.html. It is highly recommended that contractors especially Project Managers and Site Safety and Health Officers complete EM385-1-1 online training. This course will serve as a stepping stone to greater safety compliance thereby reducing near misses and mishaps on site. To take the training please visit the NAVFAC Portal at https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac_ww_pp/navfac_hq_pp/navfac_sf_pp/navfac_sf_construction/em-385-1-1%20training. For additional information please contact the PWD PC Site Safety Manager at (850) 234-4969 or by email at michael.c.young1@navy.mil.

2. Specific local requirements are as follows:

a. Contractors are responsible for ensuring their personnel and/or sub-contractors operating vehicles aboard the Activity adhere to the following at all times:

(1) Posted speed limits
(2) Proper seat belt usage
(3) Parking regulations
(4) Proper vehicle registration through the Visitor Reception Center by the West Gate

(5) Cell phones shall not be in use when the vehicle is in Operation

b. Per NSAPCFLINST 5560.2C all off-road or low speed vehicles (not street legal on civilian roadways such as mules, gators, and electric golf carts) shall be equipped with:

- Headlights
- Side and rear view mirrors
- Turn signals
- Reflectors
- Brake lights
- Safety belts
- Owner Identification (contractor company name)
- Horn or warning device

c. Operators must possess a valid driver's license and follow all existing traffic rules that apply to other motor vehicles operated on NSA PC roadways.

d. All non-government vehicles are required to show proof of insurance to the NSA PC Security for use onboard NSA PC.

3. Special emphasis shall be placed on appropriate personal protective equipment for the job at hand. Respiratory protection shall be worn when required. Energy control (lockout/tagout) shall be used when working on equipment with live or residual energy sources. Personnel performing work along the installation roadways shall wear a brightly colored orange or yellow vest. Foot, hearing, and eye protection shall be worn IAW applicable OSHA directives.

4. Confined spaces shall not be entered until the space has been certified. The contractor is responsible for conducting the certification for their employees. NSA PC will NOT provide these services. If both contractor and NSA PC personnel require access to a tank, void or similar confined space, the contractor shall gas free for their employees while NSA PC shall provide gas free services for NSA PC personnel only. NSA PC gas free services require 48 hour notification prior to certification.

5. Scaffolding and ladders shall be constructed and marked in accordance with EM 385-1-1 and/or OSHA requirements. Portable metal ladders shall be marked in 2-inch red letters:

DANGER – DO NOT USE AROUND ELECTRICAL EQUIPMENT

Scaffolding over six feet high shall have guardrails and be secured against falling. Fall protection shall be worn when working at heights over four feet, working in aerial work platforms, or rooftops. Fall protection anchorage points shall be installed per the contractor's qualified person.

6. All hand tools and machines shall be in good working order with all guards in place.

7. Prior to any digging operations, a digging permit MUST be obtained from the Public Works Help Desk in Building 126. Contact the Public Works Trouble Desk (234-4390) for required paperwork. All trenches and holes will be properly identified by use of barricades and warning signs and at night by flashing lights.

8. All near miss and mishap incidents involving possible or actual injury/death or property damage to contractor personnel/government employees and/or damage to US Navy property as a result of contractor operations must be reported to the contracting officer. Make initial report either in person or phone call to the Construction Manager or Engineering Technician/PAR for PWDPC contracted agents and they will notify the contracting officer. Submit a written report as soon as feasible but within the same day when possible, but never more than 8 working hours after the fact to the Contracting Officer via the appropriate chain of command. The EMERGENCY number for police, ambulance, and fire is 911 from a hard-wired phone within the installation. From a cell phone, call the Security Dispatcher at (850) 234-4332.

9. Machinery such as bulldozers, dump trucks, backhoes/front-end loaders, etc. shall have working back-up alarms. All cranes shall be taken to PWC Transportation for certification approval prior to being used on this Activity. They can be reached at 234-4438 or 234-4439.

10. Hazardous Materials (HAZMAT) introduced to NSA PC must adhere to the following guidelines:

a. The person charged with the oversight/supervisory control of the contractor (hereafter referred to as the Contract Manager (CM) shall provide Public Works Center Jacksonville Detachment Panama City, Environmental Office, and Naval Support Activity Panama City (NSA PC) Safety Office with a copy of all "CURRENT" Hazardous Material (HAZMAT) Material Safety Data Sheets (MSDS) for review and consideration of environmental impacts and personnel safety issues before they are brought aboard the base.

b. Once Environmental and Safety have deemed HAZMAT acceptable for use, the CM exercising control over the contractor must forward the MSDS/s to the Hazardous Material Center (HAZMINCEN), (850) 234-4920 or 234-4805 for retention during the active contract. Once the contract has expired and work is verified as complete the HAZMINCEN will be notified by the CM and the MSDS(s) will be moved to a closed historical file.

c. At anytime during the review process or life of the contract should environmental or safety deem the HAZMAT unacceptable or have special handling and/or Personal Protective Equipment (PPE)

requirements, those concerns will be returned to the CM for action by the contractor.

d. All HAZMAT having unresolved issues will be strictly forbidden from entry to NSA PC until such time as the environmental and safety offices are convinced and have approved the use of "SAFE TO HANDLE" HAZMAT.

e. Ensure contract employees are trained regarding the federal and state Right-to-Know Law, reading and locating appropriate MSDS, and "documented training" for safe handling of each hazardous material they are expected to use during the contract life. Posting such information on work site bulletin boards is an acceptable method to keep employees informed.

f. HAZMAT will be stored in such a manner as to prevent contact with rainfall and/or runoff. All HAZMAT will be stored in secondary containment to capture leaks or spills. All usable HAZMAT will be removed from NSA PC upon contract completion. Failure to follow state and federal laws regarding proper management of HAZMAT or Hazardous Waste may result in criminal and or civil action.

g. HAZMAT will be "Clearly Marked" and stored according to MSDS storage requirements. Storage containers must meet OSHA standards for use. "Caution" must be exercised ensuring non-compatible materials are not stored in the same storage containers. Non-compatible flammables and combustibles must be stored in separate containers and in separate locations with a minimum of one hour of fire protection. Failure to properly segregate and store flammables and combustibles may result in catastrophic property damage and or injury to employees.

11. Jobs requiring installation of a **radio antenna**, regardless of duration, **must be** reported to the NSA PC Safety Office, (850) 234-4322. Use of Citizen Band (CB) radios aboard NSA PC is not permitted.

12. Turn off all transmitters (radios, radars, etc.) exceeding 50 watts or those having an antenna which exceeds 15 dBi.

NO EXCEPTIONS.

13. Any radio frequency (RF) emitting device in excess of 100 milliwatts (MW) must be registered with NSA PC by calling the NSA PC Information Technology Services Department, (850) 235-5114, 230-7025 or 234-4819.

Note: Cellular phones and pagers are exempt from this requirement.

14. All radar devices used by contractors must be approved by the Spectrum Manager before brought onto the installation. Typical devices may be used to find underground utilities or may be used in the non-destructive testing of weld operations. Typically devices

transmitting at or above 902 - 928 megahertz will not be authorized for use on the installation. The NSA PC Spectrum Manager may be reached at (850) 230-7025.

15. Work sites shall provide an emergency point of contact and a working 24 hour a day phone number visibly posted at the entrance.

16. In general, each contractor is responsible to ensure its employees receive appropriate safety and health training as required by OSHA. This includes employee rights under OSHA, hazards employees may be expected to encounter in the performance of work, applicable hazard controls including safe work procedures and the proper use and limitations of PPE, how to recognize hazardous conditions and the signs and symptoms of workplace-related illnesses and injuries, and emergency procedures.

17. During severe weather conditions, tenant representatives and/or ET's are responsible for notification to the contractor. Contractors may also contact the NSA METOC at 230-7083 for the latest weather status.

18. Safety personnel may, on behalf of the CM, periodically monitor contract performance for safety compliance. Recommended actions will be channeled through the CM, should procedures or conditions exist which requires correction.

19. Hazards to contractor personnel that arise from NSA PC facilities, operations, or personnel may be reported to the NSA PC Safety Office. The Safety Office will investigate reported hazards and coordinate corrective action as needed.

20. The NSA PC safety staff is available to provide assistance upon request. You may contact them by calling (850) 230-7306/ 7281 or 234-4322.

21. Contractor Safety Recognition "STAR" Contractor Award

Contracting Officer:

- During contract close-out process, evaluate contractor safe performance.
- Provide the contractor's representative a letter of recognition signed by the PWO/ROICC, Commanding Officer, Commander, as appropriate, for those contracts, where the minimum value of contract award, (aggregate of individual awards, delivery or task orders) is at least $100,000 and the contractor has met the following criteria:
  - Zero DART incidents throughout the life of the contract
  - No significant ($10,000) government property damage for entire length of contract.
  - No safety non-compliance notices or stop work orders.

- No findings resulting in "willful violation", "repeated violation" or "failure to abate prior violation" during (Occupational Safety and Health Administration) OSHA compliance inspections.
- Minimum Overall Satisfactory performance evaluation – including quality.
- Cumulative Average score of 90% or better on contractor safety self-evaluation checklist where required by contract.

NOTE: The letter shall be contract specific as opposed to contractor or installation specific.

23. If an item not normally associated with the expected construction/digging operations is unearthed/discovered, stop work and contact the NSA CDO at 850-258-9823. All items unearthed/discovered (including archaeological items) are the property of the U.S. Navy and controlled/protected by Federal Law.

FAX THIS COMPLETED AND SIGNED FORM TO THE NSA PC SAFETY OFFICE:

Off-base fax: (850) 230-7163
On-base fax: Ext. 7163

****

COMPANY NAME & PHONE NUMBER:

ESTIMATED DATE WORK WILL BEGIN & ESTIMATED DATE OF WORK COMPLETION:

_____

CONTRACTOR REPRESENTATIVE, CODE, EXTENSION:

_____

CONTRACT NUMBER (IF APPLICABLE):

_____

****

I have received a copy of and have read the Contractor Safety Brief (previous pages).

Contractor Representative:

Printed Name: _____

Signature: _____ Date: _____

Brief description of work being performed (please print)

_____
_____
_____
_____
_____
_____

DEPARTMENT OF THE NAVY
NAVAL SUPPORT ACTIVITY PANAMA CITY
101 VERNON AVENUE
PANAMA CITY BEACH, FLORIDA 32407-7018

IN REPLY REFER TO:
NSAPCFLINST 5100.2
N35
JUN 2 2011

NAVAL SUPPORT ACTIVITY PANAMA CITY INSTRUCTION 5100.2

From: Commanding Officer, Naval Support Activity Panama City

Subj: NAVAL SUPPORT ACTIVITY PANAMA CITY CONSTRUCTION CONTRACTOR SAFETY POLICY

Ref: (a) OSHA 29CFR1910
(b) OSHA 29CFR1926
(c) EM 385-1-1

1. Purpose. To establish regulations and procedures for non-Naval Facilities (NAVFAC) construction contractors onboard Naval Support Activity Panama City (NSA PC).

2. Applicability. This policy applies to all non-NAVFAC construction contractors requiring performing new construction or overhaul of existing facilities. Construction which requires a digging permit, or performs construction to a facility or utility of a building such as communications cables, fencing, natural or compressed gas piping, electrical installations, etc., is subject to this instruction. Construction contractors funded through a non-NAVFAC contract or a command government credit card purchase performing routine same day or emergency maintenance of existing equipment are exempt unless a dig permit is required. This instruction does not include direct report contractors.

3. Action. It is the policy of NSA PC to protect all Department of Defense (DoD) personnel, facilities, and infrastructure from the possible hazards caused by unsafe practices at a construction contractors work site. A work site is any DoD owned or portion of any DoD-leased building, or property where personnel perform work.

a. Enforcement of policy. Commands, Facilities Managers, Installation Program Managers, Department Heads, Supervisors, and Military leadership personnel responsible for hiring of construction contractors shall be held accountable for adherence of this instruction. Construction contractors will be notified

of a safety deficiency as an initial warning and required to correct it immediately. Repeated failure to comply with safety policies will result in the removal of the contractor from the installation as set forth in this instruction. NSA PC Safety or tenant safety offices have overall authority for establishing enforcement. All possible safety hazards identified by the general public should be reported to the contracting commands safety office or representative immediately if possible or to the NSA PC Safety Office.

b. Construction Pre-Briefs. All construction contractors not supervised by Public Works Center Jacksonville Detachment Panama City (PWC JAX DET PC) shall conduct a pre-construction brief with NSA PC Safety, PWC JAX DET PC, and the command requesting the construction or modifications. The pre-brief shall consist of reviewing the scope of work, repair or modification to facilities, dig permits (if required), NSA PC safety policies, state and federal environmental policies, and determining the command and contractor points of contact.

c. Safety and Environmental. Commands hiring construction contractors are responsible for ensuring both a government safety representative and a contractor safety representative monitors the work site. Safety representatives shall be knowledgeable and trained for the work being performed and be aware of environmental requirements for waste disposal, water run-off into storm drains, and cultural sites and buffer areas. Contractors will be accountable to follow the safety requirements of references (a) through (c) and all applicable NSA PC safety policies. NSA PC and additional tenant command policies will be identified during the pre-construction brief.

d. Dig Permits. All dig permits shall be coordinated with PWC JAX DET PC. Dig permits are required when the soil is dug at a depth greater than six inches. Request should be submitted 7 days prior to construction. Construction contractors are responsible for any repairs to the installation infrastructure when damaged by underground construction.

e. Scheduling of Pre-Construction Brief Meetings. 14 days prior to the start of construction by the contractor, the hiring command will contact NSA PC Safety (230-7306) to establish the date, time, and location of the construction pre-construction brief. NSA PC Safety will notify PWC JAX DET PC, Fire, Security, and Base Communications Office (BCO) of the brief.

f. Recordkeeping. All pre-construction briefs shall record the command point of contact (POC) and the construction contractor POC. This record shall be kept on file by NSA PC Safety for a minimum of one year after project completion.

J. M. PFEFFERKORN

Distribution:
NSAPCFLINST 5219.1C (Lists I, III, and IV)

SECTION 32 31 13.53

HIGH-SECURITY CHAIN LINK FENCES AND GATES
04/08

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM INTERNATIONAL (ASTM)

ASTM A 116	(2005) Standard Specification for Metallic-Coated, Steel Woven Wire Fence Fabric
ASTM A 121	(2007) Standard Specification for Metallic-Coated Carbon Steel Barbed Wire
ASTM A 153/A 153M	(2009) Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM A 392	(2007) Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric
ASTM A 702	(1989; R 2006) Standard Specification for Steel Fence Posts and Assemblies, Hot Wrought
ASTM A 780/A 780M	(2009) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
ASTM A 824	(2001; R 2007) Standard Specification for Metallic-Coated Steel Marcelled Tension Wire for Use With Chain Link Fence
ASTM C 94/C 94M	(2009a) Standard Specification for Ready-Mixed Concrete
ASTM F 1043	(2008) Strength and Protective Coatings on Metal Industrial Chain-Link Fence Framework
ASTM F 1083	(2010) Standard Specification for Pipe, Steel, Hot-Dipped Zinc Coated (Galvanized) Welded, for Fence Structures
ASTM F 1184	(2005) Industrial and Commercial Horizontal Slide Gates
ASTM F 567	(2007) Standard Practice for Installation of Chain Link Fence

ASTM F 626	(2008) Standard Specification for Fence Fittings
ASTM F 900	(2005) Industrial and Commercial Swing Gates

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

FS RR-F-191	(Rev K) Fencing, Wire and Post Metal (and Gates, Chain-Link Fence Fabric, and Accessories)
FS RR-F-191/1	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Fabric)
FS RR-F-191/2	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Gates)
FS RR-F-191/3	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Posts, Top Rails and Braces)
FS RR-F-191/4	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Accessories)

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Fence Installation
Installation Drawings
Location of gate, corner, end, and pull posts
Gate Assembly
Turnstiles
Gate Hardware and Accessories

Installation drawings in accordance with paragraph titled, "ASSEMBLY AND INSTALLATION DRAWINGS" of this section.

SD-03 Product Data

Fence Installation
Gate Assembly
Gate Hardware and Accessories

Manufacturer's catalog data.

SD-04 Samples

Fabric
Posts
Post Caps
Braces

Line Posts
Top Rail
Bottom Rail
Tension Wire
Barbed Wire
Barbed Wire Supporting Arms
Stretcher Bars
Gate Posts
Gate Hardware and Accessories
Turnstiles
Wire Ties

Samples as described within this section.

SD-06 Test Reports

Weight in ounces for zinc coating

SD-07 Certificates

Chain Link Fence

Submit reports, signed by an official authorized to certify on behalf of the manufacturer, attesting that the chain link fence and component materials meet the specified requirements.

Zinc Coating
Fabric
Barbed Wire
Stretcher Bars
Gate Hardware and Accessories
Concrete
GATE OPERATOR

SD-08 Manufacturer's Instructions

Submit Manufacturer's instructions for the following items:

Fence Installation
Gate Assembly
Hardware Assembly
Accessories

SD-10 Operation and Maintenance Data

Electro-Mechanical Locks
Gate Operator

Submit operating and maintenance instructions

1.3 QUALITY ASSURANCE

1.3.1 Required Report Data

Submit reports of chain-link fencing listing and accessories regarding weight in ounces for zinc coating. Submit reports demonstrating full compliance with the following standards: FS RR-F-191, FS RR-F-191/1, FS RR-F-191/2, FS RR-F-191/3, and FS RR-F-191/4

1.3.2 Assembly and Installation Drawings

Submit complete Fence Installation Drawings for review and approval by the Contracting Officer prior to shipment. Drawing details shall include, but are not limited to: Fence Installation, Location of gate, corner, end, and pull posts, Gate Assembly, Turnstiles, and Gate Hardware and Accessories.

1.4 DELIVERY, STORAGE, AND HANDLING

Deliver materials to site in an undamaged condition. Store materials off the ground to provide protection against oxidation caused by ground contact.

PART 2 PRODUCTS

2.1 FENCE FABRIC

2.1.1 General

Provide ASTM A 392, Class 2, zinc-coated steel wire with minimum coating weight of 2.0 ounces of zinc per square foot of coated surface. Fabricate fence fabric of 9 gauge wire woven in 2 inch mesh conforming to ASTM A 116. Fabric shall be twisted and barbed on the top selvage and knuckled on the bottom selvage. Secure fabric to posts using stretcher bars or ties spaced 15 inches on center, or by integrally weaving to integral fastening loops of end, corner, pull, and gate posts for full length of each post. Install fabric on opposite side of posts from area being secured.

2.2 POSTS

2.2.1 Metal Posts for Chain Link Fence

a. Provide posts conforming to ASTM F 1083, zinc-coated. Group IA, with external coating Type A steel pipe. Group IC steel pipe, zinc-coated with external coating Type A or Type B and Group II , roll-formed steel sections, meeting the strength and coating requirements of ASTM F 1043 and ASTM A 702. Group III, ASTM F 1043 steel H-section may be used for line posts in lieu of line post shapes specified for the other classes. Line posts and terminal (corner, gate, and pull) posts selected shall be of the same designation throughout the fence. Provide gate post for the gate type specified subject to the limitation specified in ASTM F 900 and/or ASTM F 1184. Post spacing shall conform to the recommended guidelines as set forth in the CLFMI "Wind Load Guide for the Selection of Line Post Spacing and Size" unless specified to exceed those guidelines.

b. FS RR-F-191/3 line posts; Class 1, steel pipe, Grade **A**. End, corner, and pull posts; Class 1, steel pipe, Grade **A**.

2.2.2 Accessories

a. Provide accessories conforming to ASTM F 626. Ferrous accessories shall be zinc or aluminum coated.

b. Furnish truss rods for each terminal post. Provide truss rods with turnbuckles or other equivalent provisions for adjustment.

c. Provide Barbed wire supporting arms of the single 45 degree outward angle 3-strand arm type and of the design required for the post furnished. Secure arms by top tension wire.

d. Furnish post caps in accordance with manufacturer's standard accessories.

e. Provide 9 gauge steel tie wire for attaching fabric to rails, braces, and posts and match the coating of the fence fabric. Tie wires for attaching fabric to tension wire on high security fences shall be 16 gage stainless steel. Provide double loop tie wires 6.5 inches in length. Miscellaneous hardware coatings shall conform to ASTM A 153/A 153M unless modified.

2.3 BRACES AND RAILS

a. ASTM F 1083, zinc-coated, Group IA, steel pipe, size NPS 1-1/4. Group IC steel pipe, zinc-coated, shall meet the strength and coating requirements of ASTM F 1043. Group II, formed steel sections, size 1-21/32 inch, conforming to ASTM F 1043, may be used as braces and rails if Group II line posts are furnished.

b. Braces, top rail and bottom rail; Class 1, steel pipe, Grade A.

2.4 WIRE

2.4.1 Wire Ties

FS RR-F-191/4. Provide wire ties constructed of the same material as the fencing fabric.

2.4.2 Barbed Wire

Provide barbed wire conforming to ASTM A 121 zinc-coated, Type Z, Class 3, or aluminum-coated, Type A, with 12.5 gauge wire with 14 gauge, round, 4-point barbs spaced no more than 5 inches apart.

2.4.3 Tension Wire

Provide Type I or Type II tension wire, Class 4 coating, in accordance with ASTM A 824. Provide 7 gauge coil spring wire for top wire.

2.5 CONCRETE

ASTM C 94/C 94M, using 3/4 inch maximum size aggregate, and having minimum compressive strength of 3000 psi at 28 days. Grout shall consist of one part portland cement to three parts clean, well-graded sand and the minimum amount of water to produce a workable mix.

2.6 GATES

2.6.1 Gate Assembly

Provide gate assembly conforming to ASTM F 900 and/or ASTM F 1184 of the type and swing shown. Provide gate frames conforming to strength and coating requirements of ASTM F 1083 for Group IA, steel pipe, with external coating Type A, nominal pipe size (NPS) 1-1/2. Provide gate frames conforming to strength and coating requirements of ASTM F 1043, for Group IC, steel pipe with external coating Type A or Type B, nominal pipe size (NPS) 1-1/2. Gate fabric shall be as specified for chain link fabric.

2.6.2 Gate Leaves

For gate leaves, more than 8 feet wide, provide either intermediate members and diagonal truss rods or tubular members as necessary to provide rigid construction, free from sag or twist. Gate leaves less than 8 feet wide shall have truss rods or intermediate braces. Provide intermediate braces on all gate frames with an electro-mechanical lock. Attach fabric to the gate frame by method standard with the manufacturer except that welding will not be permitted.

2.6.3 Gate Hardware and Accessories

Furnish and install latches, hinges, stops, keepers, rollers, and other hardware items as required for the operation of the gate. Arrange latches for padlocking so that the padlock will be accessible from both sides of the gate. Provide stops for holding the gates in the open position. For high security applications, each end member of gate frames shall be extended sufficiently above the top member to carry three strands of barbed wire in horizontal alignment with barbed wire strands on the fence.

2.7 GATE OPERATOR

Provide electric gate operators for sliding gates as follows: Electrical gate operators shall have a right angle gearhead instantly reversing motor with magnetic drum-type brake, friction disc clutch, reversing starter with thermal overload protection, and a chain-driven geared rotary-type automatic limit switch. Gears shall consist of a hardened steel machine cut worm and mating bronze gear. All gears and bearings shall operate in a bath of oil. Gate operators with V-belt pulleys are not allowed. Equip gate operators with an emergency release to allow the gate to be operated manually. The emergency release mechanism shall be capable of being locked in the engaged or disengaged position. Provide positive stops on the gate tracks as a backup to the limit switches.

2.8 ELECTRO-MECHANICAL LOCKS

Electro-mechanical locking devices for sliding gates and personnel gates shall be solenoid actuated such that the deadbolt retracts when the solenoid is energized and remains electrically retracted until the gate is closed. Provide continuous duty type selenoid, rated for 120V ac, 60Hz operation. The locking device shall be unlockable by key and keyed on both sides. Status of the electro-mechanical lock shall be monitored by two limit switches (integral to the locking device) wired in series. One switch shall monitor the deadlock lever and the other monitor the locking tongue.

PART 3 EXECUTION

3.1 FENCE INSTALLATION

Perform complete installation conforming to ASTM F 567.

3.1.1 Line and Grade

Install fence to the lines and grades indicated. Clear the area on either side of the fence line to the extent indicated. Space line posts equidistant at intervals not exceeding 10 feet. Terminal (corner, gate, and pull) posts shall be set at abrupt changes in vertical and horizontal alignment. Provide fabric continuous between terminal posts; however, runs

between terminal posts shall not exceed 500 feet. Repair any damage to galvanized surfaces, including welding, with paint containing zinc dust in accordance with ASTM A 780/A 780M.

3.1.2 Excavation

Clear all post holes of loose material. Spread waste material where directed. Eliminate ground surface irregularities along the fence line to the extent necessary to maintain a 2 inch clearance between the bottom of the fabric and finish grade.

3.2 POST INSTALLATION

3.2.1 Earth and Bedrock

a. Set posts plumb and in alignment. Except where solid rock is encountered, set posts in concrete to the depth indicated on the drawings. Where solid rock is encountered with no overburden, set posts to a minimum depth of 18 inches in rock. Where solid rock is covered with an overburden of soil or loose rock, set posts to the minimum depth indicated on the drawing unless a penetration of 18 inches in solid rock is achieved before reaching the indicated depth, in which case terminate depth of penetration. Grout all portions of posts set in rock.

b. Portions of posts not set in rock shall be set in concrete from the rock to ground level. Posts set in concrete shall be set in holes not less than the diameter shown on the drawings. Make diameters of holes in solid rock at least 1 inch greater than the largest cross section of the post. Thoroughly consolidate concrete and grout around each post, free of voids and finished to form a dome. Allow concrete and grout to cure for 72 hours prior to attachment of any item to the posts. Group II line posts may be mechanically driven, for temporary fence construction only, if rock is not encountered. Set driven posts to a minimum depth of 3 feet and protect with drive caps when setting.

Test fence post rigidity by applying a 50 pound force on the post, perpendicular to the fabric, at 5 feet above ground. Post movement measured at the point where the force is applied shall be less than or equal to 3/4 inch from the relaxed position. Test every tenth post for rigidity. When a post fails this test, make further tests on the next four posts on either side of the failed post. All failed posts shall be removed, replaced, and retested at the Contractor's expense.

3.3 RAILS

Bolt bottom rail to double rail ends and securely fasten double rail ends to the posts. Peen bolts to prevent easy removal. Install bottom rail before chain link fabric.

3.4 FABRIC INSTALLATION

a. Install chain link fabric on the side of the post indicated. Attach fabric to terminal posts with stretcher bars and tension bands. Space bands at approximately 15 inch intervals. Install fabric and pull taut to provide a smooth and uniform appearance free from sag, without permanently distorting the fabric diamond or reducing the fabric height. Fasten fabric to line posts at approximately 15 inch intervals and fastened to all rails and tension wires at approximately

12 inch intervals.

b. Cut fabric by untwisting and removing pickets. Accomplish splicing by weaving a single picket into the ends of the rolls to be joined. The bottom of the installed fabric shall be 2 plus or minus 1/2 inch above the ground.

c. After the fabric installation is complete, exercise the fabric by applying a 50 pound push-pull force at the center of the fabric between posts; the use of a 30 pound pull at the center of the panel shall cause fabric deflection of not more than 2.5 inches when pulling fabric from the post side of the fence; every second fence panel shall meet this requirement; resecure and retest all failed panels at the Contractor's expense.

3.5 SUPPORTING ARMS

Install barbed wire supporting arms and barbed wire as indicated on the drawings and as recommended by the manufacturer. Anchor supporting arms to the posts in a manner to prevent easy removal with hand tools. Pull barbed wire taut and attach to the arms with clips or other means that will prevent easy removal.

3.6 GATE INSTALLATION

a. Install gates at the locations shown. Mount gates to swing as indicated. Install latches, stops, and keepers as required. Install Slide gates as recommended by the manufacturer.

b. Attach padlocks to gates or gate posts with chains. Weld or otherwise secure hinge pins, and hardware assembly to prevent removal.

c. Submit Six copies of operating and maintenance instructions, a minimum of 2 weeks prior to field training. Operating instructions shall outline the step-by-step procedures required for system startup, operation, and shutdown. Include the manufacturer's name, model number, service manual, parts list, and brief description of all equipment and their basic operating features. Include in the maintenance instructions routine maintenance procedures, possible breakdowns and repairs, and troubleshooting guide. Also include the general gate layout, equipment layout and simplified wiring and control diagrams of the system as installed.

3.7 GROUNDING

a. Ground fencing as specified.

b. Ground fences crossed by overhead powerlines in excess of 600 volts. Electrical equipment attached to the fence shall be grounded.

c. Ground fences on each side of all gates, at each corner, at the closest approach to each building located within 50 feet of the fence, and where the fence alignment changes more than 15 degrees. Grounding locations shall not exceed 650 feet. Bond each gate panel with a flexible bond strap to its gate post. Ground fences crossed by powerlines of 600 volts or more at or near the point of crossing and at distances not exceeding 150 feet on each side of crossing.

d. Provide ground conductor consisting of No. 8 AWG solid copper

wire. Grounding electrodes shall be 3/4 inch by 10 foot long copper-clad steel rod. Drive electrodes into the earth so that the top of the electrode is at least 6 inches below the grade. Where driving is impracticable, electrodes shall be buried a minimum of 12 inches deep and radially from the fence. The top of the electrode shall not be less than 2 feet or more than 8 feet from the fence. Clamp ground conductor to the fence and electrodes with bronze grounding clamps to create electrical continuity between fence posts, fence fabric, and ground rods. Total resistance of the fence to ground shall not be greater than 25 ohms.

3.8 SECURITY

Install new security fencing, remove existing security fencing, and perform related work to provide continuous security for facility. Schedule and fully coordinate work with Contracting Officer and cognizant Security Officer.

3.9 CLEANUP

Remove waste fencing materials and other debris from the work site each workday.

-- End of Section --

BID FORM
ITB NO: 13-25

This proposal of _____, hereinafter called "BIDDER," organized and existing under the laws of the State of _____doing business as _____ (Insert "a corporation", "a partnership" or "an individual" as applicable), is hereby submitted to the Board of County Commissioners, Bay County, hereinafter called "OWNER."

In compliance with the Advertisement for Bids, BIDDER hereby proposes to perform all work, as detailed in this bid.

By submission of this BID, each Bidder certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

BASE BID

Bidder agrees to perform all the work described in the Contract Documents for the following Unit Prices and Lump Sum Prices.

BID ITEM	DESCRIPTION	UNIT	UNIT PRICE	QTY	TOTAL PRICE
101-1	Mobilization	LS	$	1	$
102-1	Maintenance of Traffic	LS	$	1	$
104-10-3	Sediment Barrier	LF	$	500	$
110-1-1	Clearing & Grubbing	LS	$	1	$
120-1	Regular Excavation	CY	$	3	$
120-6	Embankment	CY	$	83	$
160-4	12" Type "B" Stabilization	SY	$	200	$
162-1-11	Finished Soil Layer	SY	$	450	$
285-7-06	Optional Base Group 6 (8" Limerock Only)	SY	$	175	$
327-70-1	Milling Existing Asphalt Pavement, 1" Avg. Depth	SY	$	266	$
334-1-12	Super Pave Asphalt Concrete, Traffic B, SP 9.5, PG 67-22 (220 LB/SY)	TN	$	50	$
400-2-5	Concrete Class II, Substructure	CY	$	6	$
515-23-01	Ped/Bicycle Railing, Alum, 42" Picket Rail	LF	$	20	$
520-1-10	Concrete Curb & Gutter, Type F	LF	$	15	$

BID ITEM	DESCRIPTION	UNIT	UNIT PRICE	QTY	TOTAL PRICE
522-1	Concrete Sidewalk, 4”	SY	$	18	$
527-1	Detectable Warning Mats (Wet Set)	EA	$	2	$
550-10-140	Fencing, Type A, 6.1’ – 7.0’, Standard	LF	$	50	$
550-10-158	Fencing, Type A, 6.1’ – 7.0’, Reset Existing	LF	$	20	$
550-60-133	Fence Gate, Type A, Sliding/Cantilever, 12.1-18’ Opening	EA	$	1	$
570-1-2	Performance Turf, Sod	SY	$	450	$
700-20-11	Single Post Sign, F&I, Less than 12 SF	AS	$	10	$
706-3	Retro-Reflective Pavement Markers	EA	$	20	$
710-111-22	Painted Pavement Markings, Std, White, Solid, 8”	LF	$	1,623	$
710-111-23	Painted Pavement Mark, Std, White, Solid, 12”	LF	$	206	$
710-111-24	Painted Pavt Markings, Std, White, Solid, 18”	LF	$	140	$
710-111-25	Painted Pavement Mark, Std, White, Solid, 24”	LF	$	96	$
710-111-60	Painted Pavement Mark, Std, White, Message	EA	$	2	$
710-111-70	Painted Pavement Mark, Std, White, Arrow	EA	$	2	$
711-111-22	Thermoplastic, Std, White, 8”	LF	$	1,623	$
711-111-23	Thermoplastic, Std, White, 12”	LF	$	206	$
711-111-24	Thermoplastic, Std, White, 18”	LF	$	140	$
711-111-25	Thermoplastic, Std, White, 24”	LF	$	96	$
711-111-60	Thermoplastic, Std, White, Message	EA	$	2	$
711-111-70	Thermoplastic, Std, White, Arrow	EA	$	2	$
Misc. 1	Tire Shredder	EA	$	3	$
Misc. 2	Exterior Wall Mounted Spot Lights	EA	$	2	$
Misc. 3	Temporary Fencing	LF	$	450	$
Sum of the Unit Prices Total Prices:					$
Additive Alternate Bid Items					
Misc. 4	Guard Shack (Includes Electrical)	EA	$	1	$
Sum of the Unit Prices Total Prices & Additive Alternate:					$

BASE BID Cont.

Pay Item Notes: The following pay item notes emphasize parts of FDOT Specifications or modifications to FDOT Specifications by the plans, and/or under Special Provisions. Items coded per FDOT 2012 Basis of Estimates.

1. Pay Item 101-1 lump sum price includes project layout, removal of existing pavement marking on US 98 on-ramp, and detailed construction schedule(s).
2. Pay Item 102-1 lump sum price includes signs, posts, accessories, barricades, connections, cones, portable changeable (variable) message signs, installation, and removal. Includes removal and reinstallation or relocation of existing traffic signs as necessary.
3. Pay Item 104-10-3 includes furnishing and installing, at minimum, the erosion control measures shown in the plans and incorporated by reference in the plan, and making adjustments as needed to erosion control measures as the job progresses to prevent unforeseen erosion. Includes removal of erosion control measures at project completion.
4. Pay Item 110-1-1 lump sum price includes saw cutting, removal and disposal of concrete driveway pavements and drainage structures and asphalt driveway pavements. Includes removal and disposal of bushes, trees, other vegetation, and root systems. Includes salvaging existing top soil material for re-use in 6" Finish Soil Layer. Cost also includes the cost of delivering surplus picket rail to FDOT maintenance at 3633 Highway 390, Panama City, Florida 32405.
5. Pay Item 120-1 unit price includes disposal of excess excavated material not suitable for embankment as defined by the plans and includes all necessary ditch grading and shaping as shown in the plans. Contractor will not be paid for over excavation.
6. Pay Item 120-6 material shall be Type S material per FDOT Index 505, shall be used only as directed by the Engineer, and shall be paid by the cubic yard truck measure. Unit price includes material and hauling.
7. Pay Item 162-1-11 to be installed under all areas to be sodded unless otherwise directed by the Engineer. Unit price payment shall be for the field measured quantity (not plan quantity), and payment will only be made for areas in which mixing is accomplished to a depth of 6 inches. Hand tilling machines shall be used to mix areas that are too small for the mixing equipment. Unit price includes any additive materials required to meet FDOT Specifications Section 162.
8. Pay Item 334-1-12 unit price includes placing leveling course with a paving machine, bituminous tack coat material and installation, construction of aprons at intersecting roads and driveways.
9. Pay Item 400-2-5 shall include the cost of reinforcement as specified in the plans.
10. Pay Item 515-23-01 is to cut and remove the existing railing and to provide an end treatment per FDOT Index 860 from the 2010 Design Standards.

BASE BID Cont.

11. Pay Item 520-1-10 is for all areas where existing curb & gutter must be modified. Includes drop curb, any flared or straight end sections, and construction per FDOT Index 300 and 304. Includes excavation as necessary. Includes repairing existing roadway damaged or disturbed during construction to existing condition. Unit price payment shall be for the field measured quantity actually installed (not plan quantity).
12. Pay Items 522-1 unit price include all concrete, labor, equipment, formwork, and foundation preparation needed to place one square yard of sidewalk. Unit price also includes cost of sidewalk curb ramps.
13. Pay Item 527-1 unit price Detectable warning devices for sidewalks and curb ramps shall be replaceable composite (wet-set) tactile or cast-in-place composite tactile by ADA Solutions, Inc. or equal as approved by the engineer.
14. Pay Items 550-10-140, 550-10-158, 550-60-133 and MISC 3 unit price shall include concrete bollards and all other materials to meet the standards of the NAVFAC South East Perimeter Chain Link Fence as specified in the plans and in the in the Specifications and Contract Documents.
15. Pay Item 570-1-2 unit price includes all watering, fertilizer and maintenance required to meet the establishment period. Turf shall match existing sod unless otherwise approved by the Engineer. Unit price includes furnishing and installing pins for lapping and pinning sod per the plans, and scarifying soil surfaces as necessary and as directed by the Engineer prior to sod placement.

ADDITIVE / ALTERNATE BID ITEM

16. Pay Item Misc. 4 shall include all materials and installation of the guard shack as specified in the plans and by the NAVFAC South East. The guard shack must be provided by B.I.G. Enterprises or equal as approved by the engineer. Cost of installation includes all the electrical work in the guard shack and required to provide power to the area as specified in the plans.

BID FORM (Cont)

Contractor agrees to perform the entire work as indicated on the drawings and in compliance with the Contract Documents and Specifications, complete in every detail.

The sum of the Unit Prices - **BASE BID** is:

_____

(Words)

($ _____)

The sum of the Unit Prices – **ADDITIVE / ALTERNATE BID** is:

_____

(Words)

($ _____)

The sum total of the Unit Prices **BASE BID** and **ADDITIVE / ALTERNATE BID** is:

_____

(Words)

($ _____)

Note:
1. No bid will be accepted unless proof of Florida Department of Transportation prequalification (current FDOT Certificate of Qualification) are attached to the outside of the sealed envelope for the following major classes of work: Prime Contractors 1) Flexible Paving, 2) Hot Plant-Mixed Bituminous Courses and Prime Contractor or Subcontractors in the additional major classes of work: 1) Grading, 2) Drainage, 3) Grassing, Seeding and Sodding, 4) Pavement Marking, 5) Roadway Signing, and 6) Guardrail.
2. The Contractor will be responsible for the formulation of all design mixes. Contractor will submit design mixes at the Pre-construction Conference for approval prior to their use.

Submitted By: _____

Name of Firm/Contractor Submitting This Bid

Bid Prepared By: _____

Name of Individual Who Prepared This Bid

Contact Email: _____

Address: _____

Phone: _____

Contractor's License No.: _____

_____ _____

Signature of Authorized Representative of Firm/Contractor Date

SEAL: *(If bid is by Corporation*