



GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

DEPARTMENT OF EDUCATION

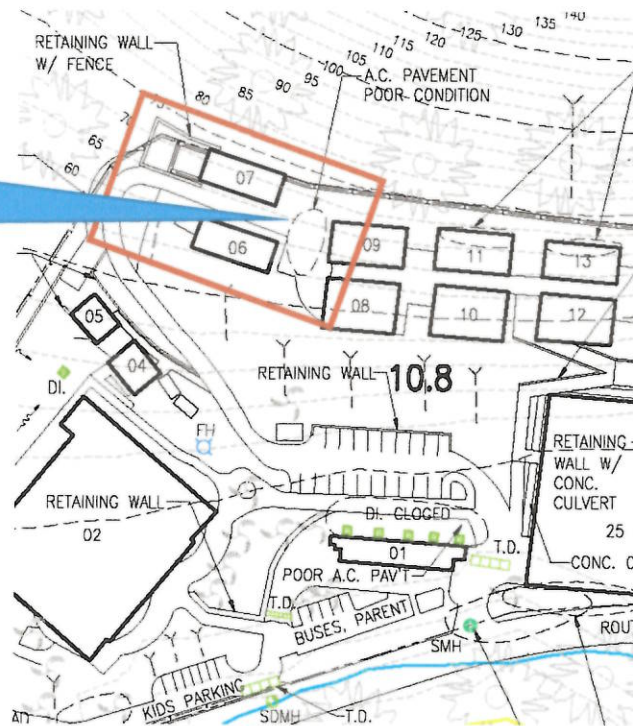
Territorial Division of Architectural Engineering

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James G. Bernier, P.E.
Territorial Director of Capital Projects & Facilities

INVITATION TO BID - March 2017 JROTC Upgrade of Blacktop Asphalt Area Ivanna Eudora Kean High School

Area to perform
the Upgrading
of the Blacktop
Pavement



Ivanna Eudora Kean High School ROTC Area

St. Thomas, U.S. Virgin Islands
(see attached Drawing Prepared by CPC, Inc.)

Scope of Work:

The Virgin Islands Department of Education (VIDE) seeks the professional services of a qualified and U.S. Virgin Islands licensed Asphalt Contractor or General Contractor to perform Repair and Resurfacing of an existing portion of the Ivanna Eudora Kean High School Parking Lot near the JROTC Area as located herewith above and delineated within the attached Drawing prepared by CPC, Inc. that equates to approximately 5,880 Sq. Ft. This work will include a limited amount of concrete work as detailed with the attached drawing. Said Services will be secured under this Invitation to Bid (IFB) and processes within VIDE's Procurement Division for selection of a Contractor.



1. Part 1: Bidder Instructions & Requirements:

- 1.1 The Contractor will verify all field conditions and dimensions and quantify the work effort prior to submitting the Bid.
- 1.2 The Contractor will perform a thorough site walk-through prior to the Bid Date and bring forth in writing one week prior to the Bid Due Date all questions, clarifications, and concerns the Contractor/Bidder may have, to include any found discrepancies between the site conditions and the Scope of Work.
- 1.3 All timely received Itemized Bid Sheets for this IFB that are not fully completed or considered illegible shall be considered Non-responsive by VIDE.
- 1.4 The Contractor's Itemized Costs for the work will include within each unit price the Contractor's Taxes, Overhead, and Profit.
- 1.5 Unit Pricing as detailed within the Contractor's Formal Bid shall be utilized by VIDE for any changes in the work, be that debit or credits to the overall Scope and, will be formalized via Change Orders signed approved by both parties.
- 1.6 All work detailed herein shall be performed in full coordination with VIDE's Engineering Office and Kean High School Administrators after school hours and during weekends when Kean High School is not officially in session.
- 1.7 Contractor shall provide prior to or by the Bid due Date & Time stated to VIDE's Procurement Office One (1) Original & Four (4) Copies of Bidder's Proposal.
- 1.8 For Bid Proposals to be considered Responsive and Complete for VIDE's thoughtful consideration, Five (5) Copies of the following supporting documentation shall be included with the Bid Package:
 - 1.8.1 Certificate of Resolution detailing Authorized Representative for Proposal;
 - 1.8.2 Current Virgin Islands Business License;
 - 1.8.3 Current Virgin Islands Certificate of Good Standing;
 - 1.8.4 Virgin Islands Certificate of Issuance or Renewal of Trade Name;
 - 1.8.5 Current Certificate of Liability Insurance; and
 - 1.8.6 Current Certificate of Government Insurance.
- 1.9 Complete Package of the SEALED Bid Proposal shall be timely transmitted to and addressed as follows:
 - 1.9.1 The Honorable Sharon Ann McCollum, Ph.D.
Commissioner of Education
The Virgin Islands Department of Education
Via
VIDE Acting Director of Procurement Khadila D. Joseph
DIVISION OF PROCUREMENT, VIDE
1834 Kongens Gade
St. Thomas, VI 00802
(340) 774-0100 Ext. 8211



2. Part 2: General Requirements of the Work & Specs:

- 2.1 Repaving and upgrading of Asphalt area shall consist of a minimum of 5,880 Sq. Ft.
- 2.2 All existing deteriorated blacktop areas shall be repaired by removal of existing asphalt to include a minimum of 3" beyond deteriorated areas, removal of underling base to a depth of 8" and installing a new base of 150 PSI Flowable Fill concrete and thereafter the proper installation replacement of new asphalt material as specified within the attached Asphalt specs provided.
- 2.3 All refuse created during this construction work effort shall be legally disposed of in a timely manner. No refuse shall be visible on-site during normal operating hours of the School day.
- 2.4 All work shall comply with FP-03 for road construction and the IFB for general construction.
- 2.5 In coordination with School Administrators and the VIDE Engineering Office, the selected Contractor shall provide a Project Schedule in Microsoft 'Projects' via email through the VIDE Engineering Office Project Engineer for approval prior to commencement of the work.
- 2.6 For VIDE's Engineering Office approval, the selected Contractor shall provide submittals for the following construction materials as detailed herewith below:
 - 2.6.1 Asphalt Base Layer (See attached Example);
 - 2.6.2 Asphalt Finish Layer (See attached Example);
 - 2.6.3 Flowable Fill Mix (150 PSI Min.);
 - 2.6.4 Steel Rebar (60K PSI); and
 - 2.6.5 Concrete (3K PSI Min.).
- 2.7 All work shall conform to the Industry Standards, meet all Building Code Requirements and, shall adhere to all Virgin Islands Law.
- 2.8 Any required Permitting shall be the responsibility of VIDE's Engineering Office.
- 2.9 All work herein under this Project shall be Warrantied for One (1) Year upon written acceptance of the finish work by VIDE.
- 2.10 Work shall not be considered Complete until acceptance of VIDE's Engineering Office.
- 2.11 **All work efforts under this IFB will be performed within Thirty (30) Calendar Days or Less upon receipt of a Notice to Proceed from VIDE's Division of Procurement.**

3. Part 3: Contractor's Compensation:

- 3.1 Contractor shall legibly provide their Bid onto the attached Itemized Bid Sheet as is herein provided. Nevertheless, the final overall Bid shall be considered a Lump Sum Fee for work requested herein under this IFB.
- 3.2 Payment(s) shall be processed by the Government of the Virgin Islands within Thirty (30) Calendar Days upon receipt from the Contractor and acceptance of each Invoice and completion of corresponding construction services by VIDE.



3.3 Additional Construction Services may be requested by VIDE beyond those specified herein and, only be added by a fully executed Change Order to the Contract Contract upon negotiation and agreement between all parties.

4. Part 4: Contractor's Qualifications & Experience:

For the Bid to be considered "*responsive*", Sealed Proposals in Quintuplicate (5) Copies will be timely transmitted to the VIDE's Procurement Office on the island of St. Thomas, U.S. Virgin Islands and will provide and elaborate on the following information and documentation:

- 4.1** Narrative detailing Contractor's Qualifications, Resumes, Certificates, Licensures and copies thereof to include, if applicable the Corporation's Articles of Incorporation;
- 4.2** Number of years of Professional Construction Experience performed within the U.S. Virgin Islands;
- 4.3** Narrative detailing the past positive performance of the Contractor *on similar and other Projects* to include a full name, position and cellular telephone number of the Owner and/or other similar representative that can be called on as a reference pertaining to the particular project;
- 4.4** Other References, which shall include a full name, company, position/title and cellular telephone number; and
- 4.5** Narrative detailing both the Contractor's proven ability to work with U.S. Virgin Islands Government personnel on similar projects of this nature, as well as, the Contractor's detailed Project Approach for this specific Project and specify & justify any assumptions that were incorporated within said Approach.

ATTACHMENTS:

- 1) Project Drawing prepared by CPC, Inc.;**
- 2) VIAOCO Asphalt Specs (example); and**
- 3) Itemized Bid Sheet for Bidding Project.**

End of Scope of Professional Construction Services.



Virgin Islands Asphalt Products Corporation

Estate Bethlehem, Frederiksted, St. Croix, U.S. Virgin Islands

Asphalt Concrete Pavement, Class "A" Grade "C"

Table 1: Job Mix Formula - Aggregate Blend Ratio

Aggregate Type	Job Mix Formula Aggregate Blend, %
#67	24
#8	15
#10	61

Table 2: Job Mix Formula - Aggregate Gradation

Job Mix Formula - Aggregate Blend					
Metric Sieve Number (MM)	US Sieve Number (Inches)	Target Values	FP-03, Section 703 Requirements for Grading Designation C (Table 703-4)		JMF Results
			Minimum	Maximum	% Passing
25.00	1	100	100	100	100
19.00	3/4	-	97	100	97
12.50	1/2	88	83	93	86
9.50	3/8	-	-	-	81
4.75	#4	59	52	66	64
2.35	#8	40	35	45	38
1.18	#16	-	-	-	22
0.60	#30	20	16	24	16
0.30	#50	13	10	16	11
0.15	#100	-	-	-	9
0.075	#200	7	5	9	6.9

Table 3: Optimum Asphalt Content

Mixture Composition	
Type	WT. %
Asphalt Binder, PG 64-22	5.30%
JMF Aggregate Blend, dry	94.70%

Table 4: Mix & Compaction Temperatures

Mix & Compaction	Temperatures
Mix Temperature Range	313-325°F (156-163°C)
Compaction Temperature Range	295-304°F (146-151°C)

Table 5: Typical Physical Properties of RS-1

Parameter	Test Method	MIN	MAX
Saybolt Furol Viscosity, SFS @ 50°C	AASHTO T 72	100.0	400.0
Storage Stability, 1 Day, %	AASHTO T 59	0.0	1.0
Demulsibility, %	AASHTO T 59	40.0	---
Residue by Distillation	AASHTO T 59	65.0	---
Oil Distillate, %	AASHTO T 59	---	3.0
Sieve Test	AASHTO T 59	---	0.1

"Pave With Pride"

P.O. Box 1549, Kingshill, V.I. 00851
340/779-3737 Fax: 340/778-2359

Asphalt Concrete Pavement, Class "A" Grade "C"

Table 6: Marshall (AI MS-2) Mix Design Summary at Optimum Asphalt Content = 5.3%

Performance Properties: Marshall Asphalt Concrete Mix Requirements (FP-03, Section 402, Table 402-1)		
Test Property	Class of Mix; A1	Actual / Results
Number of Blows	75	75
Marshall Stability, lbs.	1800 min.	3261
Marshall Flow, 0.01 in.	8 - 14	13
Air Voids, %	3.0 - 5.0	4
% Voids in Mineral Aggregate (VMA), %	13. min	15.6
% Voids Filled with Asphalt (VFA), %	Report	74.1
Dust-Asphalt Ratio	0.8	0.95
Unit Weight, lbs./ft ³	Report	151.3

1" FINISH LAYER

Asphalt Concrete Pavement, Class "A" Grade "C"

Table 1: Job Mix Formula - Aggregate Blend Ratio

VIAPCO #4 Regular Mix

Aggregate Type	Job Mix Formula Aggregate Blend, %
#67	6
#8	9
#10	85

Table 2: Job Mix Formula - Aggregate Gradation

Job Mix Formula - Aggregate Blend					
Metric Sieve Number (MM)	US Sieve Number (Inches)	Target Values	FP-03, Section 703 Requirements for Grading Designation C (Table 703-4)		JMF Results
			Minimum	Maximum	% Passing
25.00	1	100	100	100	100
19.00	3/4	-	97	100	97
12.50	1/2	88	83	93	85
9.50	3/8	-	-	-	81
4.75	#4	59	52	66	64
2.36	#8	40	35	45	38
1.18	#16	-	-	-	22
0.60	#30	20	16	24	16
0.30	#50	13	10	16	11
0.15	#100	-	-	-	9
0.075	#200	7	5	9	6.9

Table 3: Optimum Asphalt Content

Mixture Composition	
Type	WT. %
Asphalt Binder, PG 64-22	5.50%
JMF Aggregate Blend, dry	94.50%

Table 4: Mix & Compaction Temperatures

Mix & Compaction	Temperatures
Mix Temperature Range	313-325°F (156-163°C)
Compaction Temperature Range	295-304°F (146-151°C)

Table 5: Typical Physical Properties of RS-1

Parameter	Test Method	MIN	MAX
Saybolt Furol Viscosity, SFS @ 50°C	AASHTO T 72	100.0	400.0
Storage Stability, 1 Day, %	AASHTO T 59	0.0	1.0
Demulsibility, %	AASHTO T 59	40.0	---
Residue by Distillation	AASHTO T 59	65.0	---
Oil Distillate, %	AASHTO T 59	---	3.0
Sieve Test	AASHTO T 59	---	0.1

Asphalt Concrete Pavement, Class "A" Grade "C"

Table 6: Marshall (AI MS-2) Mix Design Summary at Optimum Asphalt Content = 5.5%

Performance Properties: Marshall Asphalt Concrete Mix Requirements (FP-03, Section 402, Table 402-1)

Test Property	Class of Mix; A1	Actual / Results
Number of Blows	75	75
Marshall Stability, lbs.	1800 min.	3261
Marshall Flow, 0.01 in.	8 - 14	13
Air Voids, %	3.0 - 5.0	4
% Voids in Mineral Aggregate (VMA), %	13. min	15.6
% Voids Filled with Asphalt (VFA), %	Report	74.1
Dust-Asphalt Ratio	0.8	0.95
Unit Weight, lbs./ft ³	Report	151.3



THE VIRGIN ISLANDS
DEPARTMENT OF EDUCATION

Office of the Commissioner



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INVITATION FOR BID (IFB)

**TO SECURE CONSTRUCTION SERVICES FOR THE
STT KEAN HS JROTC BLACKTOP PROJECT
ST. THOMAS, US VIRGIN ISLANDS 00802**

ITEMIZED BID SHEET

Item No.	Item Description:	Quantity:	Unit Price:	Cost of Material & Labor:
01.	MOBILIZATION.	LS	\$-	\$
02.	INSTALLATION OF DUST CONTROL IN AREAS WHERE DISTURBED SOIL MAY ADVERSELY AFFECT ADJOINING AREAS ON THE CONSTRUCTION SITE TO INCLUDE A 25 LIN. FT. OF REQUIRED SILT FENCING FOR NEW CURB WALL EAST OF ROTC BUILDING AS DELINEATED WITHIN THE DRAWING.	120 LF	\$	\$
03.	INSTALLATION OF REQUIRED SAFETY TAPE, TEMPORARY BARRIERS, AND CONSTRUCTION SIGNAGE AS REQD FOR THE CONSTRUCTION SITE AREA.	LS	\$-	\$
04.	CLEANING AND PREPARATION OF EXISTING ASPHALT BLACKTOP AREAS FOR APPLICATION OF THE NEW INCOMING 2" BASE LAYER OF ASPHALT AND LEGALLY DISPOSE OF ANY REFUSE.	5,880 Sq. Ft.	\$	\$
05.	EXCAVATION AND REPLACEMENT OF DETERIORATED BLACKTOP AREAS WHERE REPAIRS ARE REQUIRED UTILIZING FLOWABLE FILL MATERIAL FOR STRUCTURAL FILL TO EFFECTUATE REPAIRS OF ALL DEPRESSIONS AND POTHOLES FOUND WITHIN THE AREAS OF THE EXISTING BLACKTOP RESURFACING. LEGALLY DISPOSE OF ANY REMAINING REFUSE.	10 CY	\$	\$

Item No.	Item Description:	Quantity:	Unit Price:	Cost of Material & Labor:
06.	REPAIR ANY OTHER ADDED AREAS WHERE REQUIRED, OF THE EXISTING BLACK TOP, AND ESTABLISH A "LEVEL" SUFACE AND PROPERLY PREPARE THE EXISTING BLACKTOP WITH A TACK COAT FOR THE INSTALLATION OF NEW ASPHALT BASE AND FINISH SEALER SURFACE.	580 SF (ALLOTTED)	\$	\$
07.	APPLY NEW 2" RESURFACE OF ALL EXISTING BLACKTOP AREAS AS DETAILED WITHIN THE ATTACHED DRAWING AND ESTABLISH THE NEW LEVEL SURFACR WITH A .25% SLOPE FOR PROPER DRAINAGE AND FINISH BLACKTOP SURFACE WITH A SEALER. CONTRACTOR SHALL UTILIZE THE ATTACHED MATERIAL SPECS. IN THE APPLICATION OF THE NEW SURFACE TOPPING REQUIRED.	110.25 Tons	\$	\$

TOTAL COST OF ITEMS ABOVE:

\$ _____

LUMP SUM COST of Construction for completing
Entire project as per construction documents
 (Drawings and Specifications) **WITHOUT ADD ALTERNATES:**

\$ _____

ADD ALTERNATE ITEMS:

Item No.	Item Description:	Quantity:	Unit Price:	Cost of Material & Labor:
A1.	EXISTING CONCRETE CURB TO BE RAISED 6" HIGHER WITH NEW REINFORCEMENT POURED CONCRETE CURB DOWELED INTO THE TOP OF EXISTING 8" WIDE CONCRETE CURB. #5 DOWELS WILL BE PLACED AT 36" O.C. EACH WITH AN EPOXY EMBEDMENT OF 4.5" INTO THE EXISTING 8" WIDE CONCRETE CURB, AND ONE #5 WILL BE CENTERED WITHIN THE NEW 6" HIGH CONCRETE CURB ADDITION AND TIED TO ALL NEW STEEL REBAR DOWELS.	1 CY	\$	\$
A2.	CONSTRUCT NEW 6" THICK X 3' HIGH X 15' LONG POURED REINFORCED CONCRETE CURB WALL ON A REINFORCED 24" WIDE X 12" THICK X 15.5' LONG FOUNDATION FOOTING. CONCRETE FOOTING WILL HAVE ONE MAT OF #5 STEEL REBARS AT 8" O.C. BOTH WAYS AND THIS TIED STEEL MAT WILL BE LOCATED A MINIMUM OF 3.5" ABOVE FINISH GRADE PRIOR TO POURING 3,000 PSI CONCRETE WITHIN THE FORM FOR THE FOOTING. ADDITIONALLY, MATTING EDGES WILL HAVE A MINIMAL COVER OF 3" FROM ALL FINISH EXTERIOR SURFACES OF CONCRETE FOOTING. POURED CONCRETE CURB WALL WILL HAVE ONE MAT OF #4 STEEL REBARS AT 8" O.C. BOTH WAYS AND THIS TIED STEEL MAT WILL BE CENTERED WITHIN THIS 3' HIGH CURB WALL AND EXTEND INTO CONCRETE POURED FOOTING AND PROPERLY TIED TO FOOTING STEEL MAT WITH #4 BENT UPRIGHTS AT 12" O.C.	2.5 CY	\$	\$

A3	<p>AFTER ASPHALT FINISH LAYER IS THOROUGHLY DRY AND HAS PERMANENTLY SET, PURCHASE AND INSTALL GREEN TENNIS HARD-COURT ACRYLIC PAINT ON THE NEWLY INSTALLED FINISH ASPHALT SURFACE. AN EXAMPLE OF SAID PRODUCT CAN BE VIEWED VIA THE FOLLOWING WEB-LINK UNDER "#5": http://www.10-s.com/Your-New-Court/Choosing-a-Tennis-Surface#HardAcrylic</p> <p>A MATERIAL SUBMITTAL MUST BE PROVIDED AND APPROVED PRIOR TO VIDE'S ACCEPTANCE OF THIS WORK SPECIFIC WORK ITEM.</p>	5,880 SF	\$	\$

NOTES:

1. CONTRACTOR SHALL ADHERE TO ALL DEPARTMENT AND PROCUREMENT'S STANDARD BID FORM REQUIREMENTS ESTABLISHED FOR THE VIRGIN ISLANDS GOVERNMENT'S STANDARD GENERAL CONSTRUCTION CONTRACTS.
2. CONTRACTOR'S BID SHALL BE DISQUALIFIED IF ITEMIZED BID SHEET IS NOT FULLY COMPLETED WITH BOTH UNIT AND MATERIAL & LABOR COSTS FOR ALL ITEMS.
3. THE QUANTITIES NOTED ABOVE ARE NOT NECESSARILY EXACT, AND THE ITEMS NOTED DO NOT NECESSARILY MAKE UP ALL THE WORK REQUIRED, OR NOTED IN THE SPECIFICATIONS AND DRAWINGS, FOR THE COMPLETE CONSTRUCTION AND PROPER OPERATION OF THE PROJECT. THE ITEMS NOTED, WILL BE USED IN ESTABLISHING IF THE COST, WHICH ARE BEING SUBMITTED BY THE BIDDER, ARE WITHIN THE CURRENT ACCEPTABLE PRICES BEING USED IN THE U.S. VIRGIN ISLANDS CONSTRUCTION MARKET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A TOTAL LUMP SUM COST FOR THE COMPLETE CONSTRUCTION OF THE PROJECT.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH EXACT QUANTITIES BASED ON DOCUMENTS ISSUED AND SITE VISITS CARRIED OUT, FOR A TOTAL LUMP SUM COST TO CONSTRUCT THE PROJECT.
5. ADD ALTERNATES SHALL NOT BE INCLUDED IN THE TOTAL LUMP SUM COST OF CONSTRUCTION. THE ADD ALTERNATE ITEMS ARE FOR UTILIZATION IN THE EVENT THAT ADDITIONAL WORK OR ADJUSTMENT OF THE CONTRACTED WORK IS REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

6. ALL PRICES BEING SUBMITTED FOR WORK TO BE DONE SHALL INCLUDE THE CONTRACTOR'S OVERHEAD TAXES AND PROFIT ALONG WITH ALL COSTS FOR MATERIALS, EQUIPMENT AND MANPOWER NECESSARY TO FACILITATE PROPER, SAFE, AND TIMELY COMPLETION OF THE PROJECT.
7. UNIT PRICES SUBMITTED ON THE ITEMIZED BID SHEET SHALL BE UTILIZED FOR ANY CREDITS OR DEBITS TO THE PROJECT; WHICH, IF NECESSARY, SHALL BE ADDRESSED AS A CHANGE ORDER TO THE PROJECT.

END OF ITEMIZED BID DOCUMENT