### WASHINGTON COUNTY, MARYLAND DIVISION OF ENGINEERING

### **BID PACKET**

**AUGUST 13, 2019** 

# WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER (PHASE-1 - SITE DEVELOPMENT)

### COUNTY CONTRACT NO. MS-TC-266-28 COUNTY PROJECT NO. 28-266

### WASHINGTON COUNTY BOARD OF COUNTY COMMISSIONERS

Jeffrey A. Cline, President
Terry L. Baker, Vice President
Wayne K. Keefer
Cort F. Meinelschmidt
Randall E. Wagner

Robert Slocum, P.E., County Administrator

Scott Hobbs, P.E., Director, Division of Engineering

#### **DESIGN ENGINEERS:**

Crabtree, Rohrbaugh & Associates - Architect KCI Technologies – Civil Engineer ECS Mid-Atlantic, LLC – Geotechnical Engineer

### WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER PHASE-1 SITE DEVELOPMENT

#### **COUNTY CONTRACT NO. MS-TC-266-28**

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Proposal of

#### **PROPOSAL FORM**

# WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER PHASE-1 SITE DEVELOPMENT

#### **COUNTY CONTRACT NO. MS-TC-266-28**

## THE BOARD OF COUNTY COMMISSIONERS WASHINGTON COUNTY HAGERSTOWN, MARYLAND

(Name)
(Address) to furnish and deliver all materials and to do and perform all work in accordance with Plans.
Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents relating to the <b>WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER</b>
PHASE-1 SITE DEVELOPMENT in Washington County, State of Maryland, on which proposals will be received until 2:00 P.M., Wednesday, SEPTEMBER 11, 2019.
TO: The Board of County Commissioners of Washington County, Maryland 100 W. Washington Street Hagerstown, MD 21740
Gentlemen: Having carefully examined the Plans, Specifications, General Conditions, Special Provisions. Bid Documents and Contract Documents for the work herein before named, and in conformity with the Specifications, I/We hereby certify that I/We am/are the only person or persons interested in this proposal as principal(s), that it is made without collusion with any person, firm or corporation; that an examination has been made of the Plans, Specifications, General Conditions, Bid Documents and Contract Documents, including the Special Provisions contained herein, and of the site of the work, and propose to furnish all necessary machinery, plant equipment, tools, labor and other means of construction, and furnish all materials specified, in the manner and at the time prescribed, and perform all work for the sum of
(Written Words)
(Figures)

#### **BID AFFIDAVIT**

IEREBY DECLARE AND AFFIRM that I am(Title)
(Title)
(Title)
d duly authorized representative of firm of whose
dress is and that I am
ly authorized on behalf of said firm to make this Affidavit.
ibery:
FURTHER DECLARE AND AFFIRM that neither I, nor, to the best of my knowledge,
formation and belief, the above firm, nor any officer, director or partner of the above
m, nor any employee of the above firm directly involved in obtaining contracts with
e State of Maryland, or any county or other subdivision of the State of Maryland, has
en convicted* of bribery, attempted bribery, or conspiracy to bribe under the laws of
y state or the Federal Government; except as herein expressly stated (if any):
i

#### 3. Non Collusion:

In connection with the firm's price proposal for the above-captioned Contract, as submitted to Washington County, I HEREBY DECLARE AND AFFIRM, to the best of my knowledge, information and belief, that:

a. Said proposal has been independently prepared without collusion by any officer, director, partner, employee or other representative of this firm, with any other proposer, or with any competitor; that

<sup>\*</sup> As used herein, the word "convicted" includes an accepted plea of nolo contendere.

- b. No attempt has been or, hereafter, will be made by any officer, director, partner, employee or other representative of this firm to induce any other person, firm or entity to submit or not submit a proposal; that
- c. Any unit or total price in this proposal has not been knowingly disclosed and will not be knowingly disclosed prior to its official opening, directly or indirectly, to any other bidder or to any competitor; and, that
- d. I have fully informed myself regarding the accuracy of the statements contained herein.

I acknowledge that this Affidavit is to be furnished to the Secretary of the Maryland Department of Transportation and may be distributed to boards, commissions, administrations, departments and agencies of the State of Maryland, counties or other subdivisions of the State of Maryland, other States and Federal Government. I further acknowledge that this Affidavit is subject to applicable laws of the State of Maryland, both criminal and civil, and that this Affidavit is to be attached to and become a part of the Contract when and if awarded and executed.

I FURTHER HEREBY DECLARE AND AFFIRM that I and the firm I herein represent, acknowledge and agree that if any misrepresentation is herein made, the Board of County Commissioners of Washington County, Maryland in their discretion, shall have the right to reject this proposal or terminate the Contract, without liability, as the case may be.

I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THE FOREGOING DOCUMENT ARE TRUE AND CORRECT, AND THAT I AM AUTHORIZED, ON BEHALF OF THE ABOVE FIRM, TO MAKE THIS AFFIDAVIT.

By:			Date
J	Signed Name of Affiant		
	Typed Name		
	Title		
For:	Firm		
State of	of	:	
Count	y (City) of	:	
On thi	s day of	, 20,	
before	e me,		, the undersigned officer, personally
appear	red		
knowr	n to me to be the person described	in the foregoin	g Affidavit and acknowledged that he
(she) e	executed the same in the capacity the	erein stated and	for the purposes therein contained.
In with	ness whereof, I hereunto set my hand	d and official sea	al.
			SEALNotary Public
My Co	ommission Expires		

#### **CERTIFICATION OF WORK CAPACITY**

I do solemnly declare and affirm that the firm stated below has the equipment, labor, supervision and financial capacity to perform this Contract either with our organization or with Subcontractors, as provided in GP-Section 8 of the MSHA Specifications.

We shall supply such additional information as may be required in accordance with GP-Section 3 of the MSHA Specifications.

By:		Date
J	Signed Name of Affiant	
	Typed Name	_
	Title	_
For:		_
	Firm	
Swori	n to before me this day of	
		SEAL
	Notary Public	
Му С	ommission Expires	

#### 

The Contractor will name below the Item or Items he proposes to sublet, their dollar value, the name of the subcontractor or subcontractors and check the "Minority Business Enterprise" column if the named subcontractor so considers itself as per the definition contained elsewhere herein these specifications.

ITEM NO.	DOLLAR VALUE	SUBCONTRACTOR	MINORITY BUSINESS ENTERPRISE

### COUNTY CONTRACT NO. MS-TC-266-28 PROPOSAL GUARANTY

The amount and type of the proposal guarantee which shall be attached to and submitted with the bid depends upon the amount of the bid as stated below:

A Bid Security of \$500.00 will be required on Contract Proposals under \$20,000.

A Bid Security totaling 5% of the bid amount will be required on Contract Proposals of \$20,000 or over.

Acceptable security for bids shall be as follows:

- 1. A bond in a form satisfactory to the County underwritten by a company licensed to issue bonds in this State:
- 2. A bank certified check, bank cashier's check, bank treasurer's check, or cash

I/We understand that the quantities of work as shown herein are approximate only and are subject to increase or decrease, and further understand that all costs in connection with the complete performance of the work as described in the Plans, Specifications, General Conditions Special Provisions, Bid Documents and Contract Documents shall be included in the Contract price bid for the entire work to be performed under this Contract.

#### IT IS FURTHER PROPOSED:

To do all "Extra Work" which may be required to complete the work contemplated at unit prices or lump sums to be agreed upon in writing prior to starting such extra work, or, if such prices or sums cannot be agreed upon, to perform such work on a "Force Account" basis, as provided for in Section 9, GP-9.02, of the MSHA Specifications.

To begin work as specified in the "Notice to Proceed" and to prosecute said work so as to complete the Contract within <u>180</u> consecutive calendar days.

To furnish a Payment Bond, and a Labor and Material Payment Bond, in the full amount of Contract award, as security for the construction and completion of the Contract in accordance with the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents.

To guarantee all of the work performed under this Contract to be done in accordance with the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents in a good workmanlike manner and to renew or repair any work which may be rejected due to defective materials or workmanship, prior to final completion and acceptance of the work.

Enclosed	herewith	find	certified	cashier's	or	treasurer's	check	or	bid	bond	in	the	amount	of
				_	Dol	lars (\$	)	ma	ade 1	payabl	le to	the	"Board	of
County C	ommissio	ners o	of Washir	ngton Cou	nty	, Maryland	". This	ce	rtific	ed casl	hier	's or	treasur	er's
check or	bid bond	in a l	Proposal	Guarante	e (v	vhich is un	derstoc	d v	vill 1	be for	feit	ed ii	n the ev	ent

#### COUNTY CONTRACT NO. MS-TC-266-28

the Form or Contract is not executed, if awarded to the undersigned), is based on the aggregate amount of the bid submitted.

(For execution by Individuals and Partnerships or Corporations)

#### FOR INDIVIDUALS AND PARTNERSHIPS:

Name:		
By:	26.1	(0, 1)
D	(Member)	(Seal)
By:	(Member)	(Seal)
Witness:		
FOR CORPORAT	IONS:	
Name:		
By:		
	(President)	(Seal)
Attest:	(Secretary)	

The Proposal Form shall be filled out in ink. The Proposal, if submitted by an individual, shall be signed by an individual; if submitted by a partnership, shall be signed by such member or members of the partnership as have authority to bind the partnership; if submitted by a corporation the same shall be signed by an officer and attested by the Secretary or an Assistant Secretary. If not signed by an officer, as aforesaid, there must be attached a copy of that portion of the by-laws, or a copy of a Board Resolution, duly certified by the Secretary, showing the authority of the person so signing on behalf of the corporation. In lieu thereof, the corporation may file such evidence with the Board of County Commissioners of Washington County, Maryland duly certified by the Secretary, together with a list of the names of those officers having authority to execute documents on behalf of the corporation, duly certified by the Secretary, which listing shall remain in full force and effect until such time as the Board of County Commissioners of Washington County, Maryland is advised in writing to the contrary. In any case where a Proposal is signed by an Attorney-in-Fact a copy of the appointing document, duly certified must accompany the same.

### COUNTY CONTRACT NO. MS-TC-266-28 BID LETTER

In order for be executed.	•	it is necessary that the following guaranty from Surety
The		agrees to act as surety for
	e of Bonding Company)	(Name of Bidder)
and to furnis	<u> </u>	al Guaranty as required by GP-Section 2 of the MSHA
	Labor and Material Paymen	will also furnish the full amount of the Performance t Bond as required by GP-Section 3 of the MSHA
Section 3 o	f the MSHA Specifications or extended by mutual agree	s following the bid opening date, as specified in GP- unless this time period is modified by the Special ment between the County, the Bonding Company, and
WITNESS:		
		(Date)
(Typed Name of	of Surety)	(Signed Name of Surety)
(Typed Name a	and Title of Witness)	(Signed Name of Witness)
(Seal)		(Typed Name and Telephone Number of local agent)
NOTE 1:	execute the Contract and preclude awarding the Co	ncipals must attach "Power of Attorney". Failure to file acceptable Performance and Payment Bonds shall ntract and require forfeiture of the Proposal Guaranty, on 3 of the MSHA Specifications.
NOTE 2:	just cause for annulment of which shall become prop Award may then be made work may be re-advertised	ecute the Contract and file acceptable security shall be f the award and the forfeiture of the proposal guaranty, erty of the County as sustained liquidated damages to the next lowest responsive, responsible Bidder or the Failure to have this Bid Letter executed by Surety and ill result in rejection of Bid.

### COUNTY CONTRACT NO. MS-TC-266-28 $\underline{BID\ BOND}$

A Bid Bond shall be submitted on American Institute of Architects Document A310, February 1970 Edition; to be furnished by the bidder.

#### **SUMMARY SCHEDULE OF PRICES**

### WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER PHASE-1 SITE DEVELOPMENT

Category 1000	\$
Category 2000	\$
Category 3000	\$
Category 5000	\$
Category 6000	\$
Category 7000	\$
Category 8000	\$
PROJECT TOTAL	\$

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTA	\L
1001		LUMP SUM	L.S.	CLEARING AND GRUBBING		-	<del></del>
1002		LUMP SUM	L.S.	TYPE "B" ENGINEER'S OFFICE		-	
1003		LUMP SUM	L.S.	MAINTENANCE OF TRAFFIC			
1004		150	S.F.	TEMPORARY TRAFFIC SIGNS			
1005		300	L.F.	5 INCH WHITE TEMPORARY PAVEMENT MARKING PAINT LINES			
1006		300	L.F.	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS – ANY WIDTH			
1007		100	EA.	DRUMS FOR MAINTENANCE OF TRAFFIC			
1008		500	L.F.	CONTINGENT: TEMPORARY ORANGE CONSTRUCTION FENCE			
	Categ	jory <u>1000</u>			Total This Shee	t	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
1009		25	TON	CR-6 FOR MAINTENANCE OF TRAFFIC		
1010		LUMP SUM	L.S.	CONSTRUCTION STAKEOUT		
1011		LUMP SUM	L.S.	MOBILIZATION		
1012		LUMP SUM	L.S.	AS-BUILT DRAWINGS		
1013		LUMP SUM	L.S.	CRITICAL PATH METHOD PROJECT SCHEDULE		
1014		1	E.A.	CONSTRUCTION SITE SIGN PER DETAIL (SEE PROJECT DETAILS SECTION)		
	END Category <u>1000</u>				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
2001		29,100	C.Y.	UNCLASSIFIED EXCAVATION		
2002		58,500	C.Y.	COMMON BORROW – TYPE 1		
2003		50	C.Y.	CONTINGENT: TEST PIT EXCAVATION		
2004		2,000	C.Y.	CONTINGENT: UNSUITABLE MATERIAL EXCAVATION		
2005		1,000	C.Y.	CONTINGENT: GEOSYNTHETIC STABILIZED SUBGRADE USING GRADED AGGREGATE BASE		
	END Category <u>2000</u>				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
3001		90	L.F.	12-INCH HDPE STORM PIPE (DUAL WALL)		
3002		550	L.F.	15-INCH HDPE STORM PIPE (DUAL WALL)		
3003		630	L.F.	18-INCH HDPE STORM PIPE (DUAL WALL)		
3004		400	L.F.	44-INCH SPAN BY 27-INCH RISE (INSIDE DIMENSIONS) REINFORCED CONCRETE ARCH PIPE		
3005		175	L.F.	15-INCH CORRUGATED METAL PIPE		
3006		2	EA.	15-INCH CONCRETE END SECTION (ON END OF HDPE PIPE)		
3007		2	EA.	18-INCH CONCRETE END SECTION (ON END OF HDPE PIPE)		
3008		1	EA.	YARD INLET		
	Category 3000				Total This Shee	t

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
3009		175	L.F.	REMOVE EXISTING STORM DRAIN PIPE, ANY SIZE		
3010		10	TON	TEMPORARY STONE OUTLET STRUCTURE		
3011		3,000	L.F.	SILT FENCE		
3012		750	L.F.	DIVERSION FENCE		
3013		10	EA.	INLET PROTECTION		
3014		1	EA.	STABILIZED CONSTRUCTION ENTRANCE		
3015		2,600	LF	SUPER SILT FENCE		
3016		10	S.Y.	CONTINGENT: STONE FOR SEDIMENT CONTROL		
	Category 3000				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
3017		45	S.Y.	CLASS I RIPRAP OUTLET PROTECTION		
3018		70	S.Y.	CLASS II RIPRAP OUTLET PROTECTION		
3019		2	EA.	CAST-IN-PLACE SPECIAL CONCRETE END/HEAD WALL		
3020		1,000	C.Y.	CONT. SELECT BACKFILL USING AASHTO NO 57 AGGREGATE		
3021		100	C.Y.	CONTINGENT: FLOWABLE BACKFILL		
3022		10	EA.	SWM – MICRO-BIORETENTION – NYPLOPLAST INLETS		
3023		2530	S.Y.	SWM – MICRO-BIORETENTION – 30 MIL PVC		
3024		1200	L.F.	SWM – MICRO-BIORETENTION - 4-INCH PVC SLOTTED PIPE		
	Category 3000				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
3025		22	E.A.	4-INCH PVC CLEANOUT WITH WATERTIGHT SCREW LID		
3026		130	C.Y.	SWM – MICRO-BIORETENTION - MULCH		
3027		1050	C.Y.	SWM - MICRO-BIORETENTION - SOIL MIX		
3028		340	C.Y.	SWM – MICRO-BIORETENTION – NO. 8 STONE		
3029		340	C.Y.	SWM – MICRO-BIORETENTION – NO. 2 STONE		
3030		10	C.Y.	CONTINGENT: MISCELLANEOUS - CONCRETE MIX NO. 2		
3031		LUMP SUM	L.S.	GEOTECHNICAL SERVICES FOR SWM AS-BUILT CERTIFICATION		
3032		280	L.F.	UNDERDRAINS, SUBGRADE DRAINS, AND SPRING CONTROL		
3033		65	C.Y.	NO. 57 GRAVEL DIAPHRAGM		
	END Category <u>3000</u>				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRIC	E	ITEM TOTA	AL
5001		20,000	S.Y.	6 INCH GRADED AGGREGATE BASE COURSE				
5002		200	TON	SUPERPAVE ASPHALT MIX FOR SURFACE 12.5MM (PG 64H-22)				
5003		6,800	TON	SUPERPAVE ASPHALT MIX FOR BASE 19.0MM (PG-64S-22)				
5004		20,000	EA	PRICE ADJUSTMENT FOR ASPHALT BINDER	1	00	20,000	00
5005		5,000	EA	PAYMENT ADJUSTMENT FOR PAVEMENT DENSITY	1	00	5,000	00
5006		5,000	EA	PAYMENT ADJUSTMENT FOR ASPHALT MIX	1	00	5,000	00
5007		260	S.Y.	0-2 INCH MILL				
	Category <u>5000</u>				Total This S	Sheet		

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
5008		560	L.F.	FULL DEPTH SAW CUTS		
5009		1020	L.F.	5-INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS		
5010		30	L.F.	24-INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS		
	END Category <u>5000</u>				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
6001		160	L.F.	STANDARD TYPE 'A' COMBINATION CURB AND GUTTER		
6002		1330	L.F.	STANDARD TYPE 'D' COMBINATION CURB AND GUTTER		
6003		625	L.F.	DEPRESSED CURB FOR COMBINATION CONCRETE CURB AND GUTTER		
6004		850	S.F.	CONCRETE SIDEWALK		
6005		40	S.F.	DETECTABLE WARNING SURFACE		
6006		100	L.F.	CHAIN LINK FENCE		
	END Category <u>6000</u>				Total This Sheet	

Category <u>7000</u>					Total This Sh	eet	 
7008		80	EA	CHASMANTHIUM LATIFOLIUM / NORTHERN SEA OATS			 
7007		2,395	EA	ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED			 
7006		26	EA	CORNUS SERICEA / REDOSIER DOGWOOD			 
7005		5,500	S.Y.	TURFGRASS ESTABLISHMENT			 
7004		6,400	S.Y.	TYPE-A SOIL STABILIZATION MATTING			 
7003		6,800	S.Y.	CONTINGENT: TEMPORARY SEED AND MULCH			 
7002		1,000	S.Y.	CONTINGENT: PLACING FURNISHED TOPSOIL, 4-INCH DEPTH			 
7001		14,500	S.Y.	PLACING SALVAGED TOPSOIL, 4-INCH DEPTH			 

#### BID FORMS PUBLIC SAFETY TRAINING CENTER - PHASE-1 SITE DEVELOPMENT

#### CONTRACT NO. MS-TC-266-28

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
7009		2,340	EA	LOBELIA CARDINALS / CARDINAL FLOWER		
7010		40	EA.	PANICUM VIRGATUM 'HEAVY METAL' / SWITCHGRASS		
7011		10	EA.	BETULA NIGRA / RIVER BIRCH		
7012		5	EA.	MAGNOLIA VIRINGIANA / SWEETBAY MAGNOLIA		
7013		5	E.A.	VIBURNUM DETATUM 'BLUE MUFFIN'/ARROWWOOD		
	END Cat	tegory <u>7000</u>			Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
8001		20	S.F.	SHEET ALUMINUM SIGNS		
8002		5	EA	WOOD SIGN SUPPORTS		
8003		1	EA	REMOVE/RELOCATE EXISTING GROUND MOUNTED SIGN		
8004		5	C.Y.	CONCRETE FOR LIGHT POLE FOUNDATIONS		
8005		250	L.F.	(1) 3-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (GAS LINE)		
8006		625	L.F.	(1) ¾-INCH SHEDULE 40 PVC CONDUIT TRENCHED (PARKING LOT LIGHTS)		
8007		200	L.F.	(2) 1-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (ROAD SIGN DATA)		
8008		1080	L.F.	(2) 2-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (ROAD SIGN POWER)		
	Category <u>8000</u>				Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
8009		900	L.F.	(6) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (FIBER/TELEPHONE/CABLE/SPARE)		
8010		70	L.F.	(4) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (FUTURE TACTICAL VILLAGE)		
8011		990	L.F.	(2) 5-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (POWER LINE)		
8012		5	L.F.	(3) 5-INCH SCHEDULE 40 PVC CONDUIT WITH CAP AND PULL STRING TRENCHED (POWER LINE EXTENSION)		
8013		1	EA.	CONCRETE VAULT (7'W X 9'L X 7'-6" H)		
8014		1875	L.F.	10-INCH DIP WATERLINE		
8015		300	L.F.	6-INCH DIP WATERLINE		
8016		875	L.F.	8-INCH SDR26 SEWER LINE		
Category <u>8000</u>					Total This Sheet	

8017		5	EA.	SEWER MANHOLE ADJUSTMENT		
8018		5	EA.	STANDARD PRECAST 48-INCH SEWER MANHOLE		
8019		4	EA	FIRE HYDRANT ASSEMBLY		
8020		4	EA	BOLLARD PROTECTION		
8021		7	EA	ELECTRICAL HANDHOLE		
8022		3	EA	EXTERIOR JUNCTION BOX		
8023		1	E.A.	THREE PHASE JUNCTION BOX		
8024		9	E.A.	GROUND ROD-3/4 INCH DIAMETER X 10 FT LENGTH		
8025		90	L.F.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE		
END Category 8000					Total This Shee	et