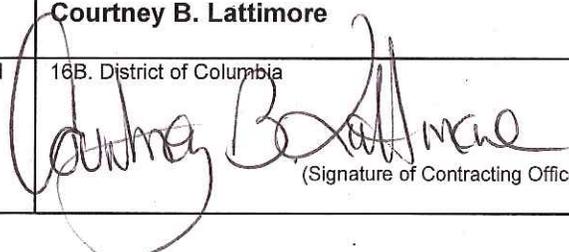


AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT				1. Contract Number	Page of Pages 1 | 3, plus attachments
2. Amendment/Modification Number A03	3. Effective Date See box 16	4. Requisition/Purchase Request No.	5. Solicitation Caption Infrastructure Improvements for 17 th Street, NE/SE		
6. Issued by: Government of the District of Columbia Department of Transportation 55 M Street SE, Suite 700 Washington, DC 20003		Code	7. Administered by (If other than line 6)		
8. Name and Address of Bidder (No. street, city, county, state and zip code) Code		X	9A. Amendment of Solicitation No. DCKA-2016-B-0023		
			9B. Dated (See Item 11) 04/28/2016		
			10A. Modification of Contractor/Order No.		
			10B. Dated (See Item 13)		
Facility		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) BY separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or fax makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required):					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTORS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. This change order is issued pursuant to (Specify Authority): The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.3.					
C. This supplemental agreement is entered into pursuant to authority of:					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.					
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
1. Bid Forms and Proposals, Pages 1-18 Schedule of Items are amended to replace the schedule of items with the attached schedule of items (pages 1R-18R) which incorporates the following items: <u>Line No.: 1620, 614744 – deleted and replaced with Line No: 0020, Item Description: 000506, 614744, F&I 215 WATTS LED</u> <u>Line No.: 1630, 614758 – deleted and replaced with Line No: 0030, Item Description: 000506, 614758, F&I 200 WATTS LED</u>					
2. Pre-Bid Conference attendee sign-in sheet is attached.					
Continued on page 2					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer		
			Courtney B. Lattimore		
15B. Name of Bidder		15C. Date Signed	16B. District of Columbia	16C. Date Signed	
(Signature)				6/1/16	
			(Signature of Contracting Officer)		

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages
2. Amendment/Modification Number			3. Effective Date	4. Requisition/Purchase Request No.
A03	See Box 16			5. Solicitation Caption
			Infrastructure Improvements for 17 th Street NE/SE	

3. Responses to vendors Requests for Information are as follows:

Question 1: “Item Number 0501| 504 006 PCC Driveway-Alley-Entrance 7 Inch - the quantity on the bid sheet references 930 CY. The quantity list in the drawings shows this item to be 930 SY. We have also performed our own takeoffs and found that the item is very close to 930SY.

Response to Question 1: The correct unit of measure is per Square Yards (SY).

Question 2: “We would also like to clarify the Quantities/Unit of Measure for items 600|606016 PCC Curb and/or Gutter, 15”–18” Depth/ 620|606 052 Repair and Replace PCC Curb and Gutter”

Response to Question 2: The unit of measure for 606016 PCC Curb and/or Gutter, 15”–18” Depth/ 620|606 052 Repair and Replace PCC Curb and Gutter is Cubic Yards (CY)

Question 3: “All fixtures are listed as 400W HPS. Will they be LED fixtures instead?”

Response to Question 3: See Schedule of Items, Page 1R, Items 0020 and 0030 for clarification.

Question 4: “On Drawing SG-06 at the NE Corner of 17th and Gales there are two symbols listed as L40A-PP/TS”

Response to Question 4: See attached updated SG-06 for clarification.

Question 5: “On Drawing SG-13 at the SE corner of 17th and C Street, the removal or relocation of the pendant post is not specified. Please correct

Response to Question 5: See attached updated SG-13 for clarification.

Question 6: “On drawing CM-02 there is a symbol that is not shown in the legend. Please identify or correct.”

Response to Question 6: See attached updated CM-02 for clarification.

Question 7: On Drawing CM-02 note 2 references TC18, but there is no TC18 shown on the drawings. Please correct.

Response to Question 7: See attached updated CM-02 for clarification.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages
				3 | 3, plus attachments
2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption	
A03	See Box 16		Infrastructure Improvements for 17 th Street NE/SE	
<p><u>Question 8:</u> “On Drawing CM-03 there is a symbol “15B” shown on the drawings that is not shown in the legend. Please correct.</p> <p><u>Response to Question 8:</u> See attached updated CM-03 for clarification.</p> <hr/> <p><u>Question 9:</u> “Line items 1620 & 1630 – DDOT has moved from using HPS fixtures to LED fixtures. Should the fixtures for this project be LED instead?”</p> <p><u>Response to Question 9:</u> See Schedule of Items Page 1R, line numbers 0020 and 0030 for clarification.</p> <p>4. The attached “EMPLOYEE TRAINING REQUIREMENTS” is amended and hereby replaces the original “EMPLOYEE TRAINING REQUIREMENTS</p>				

ATTACHMENTS INCLUDE THE FOLLOWING:

- PRE-BID CONFERENCE ATTENDEE SIGN IN SHEETS
- **SCHEDULE OF ITEMS, PAGES 1R-18R**
- **UPDATED DRAWING SHEETS SG-03, SG-06, SG-13, CM-02 AND CM-03**
- **DETAILED DRAWINGS FOR LED LIGHTS**
- **UPDATED EMPLOYEE TRAINING REQUIREMENTS**

Government of the District of Columbia
 Department of Transportation



PRE-BID CONFERENCE SIGN IN SHEET
 SOLICITATION NO.: DCKA-2016-B-0023
 CAPTION: INFRASTRUCTURE IMPROVEMENTS TO 17TH STREET
 FROM BARNEY CIRCLE, SE TO BENNING ROAD, NE

NAME	ORGANIZATION	DBE CERTIFIED? (Y/N)	EMAIL	TELEPHONE NUMBER
Ben Custead	MC Dean	N	Benjamin.Custead @mcdcan.com	703-463-3536
Tucker Colter	J Das International	Y	tcolter@jdasinternational.com	703 298 3099
MIKE LIGHT	DBE ADVANCE LLC	N	MIKE@DBEADVANCE.COM	202-910-6750
Salvador Benitez	Fort Muger Construction	N	sbenitez@fortmuger.com	202-200-2717

Government of the District of Columbia
 Department of Transportation



PRE-BID CONFERENCE SIGN IN SHEET
 SOLICITATION NO.: DCKA-2016-B-0023
 CAPTION: INFRASTRUCTURE IMPROVEMENTS TO 17TH STREET
 FROM BARNEY CIRCLE, SE TO BENNING ROAD, NE

NAME	ORGANIZATION	DBE CERTIFIED? (Y/N)	EMAIL	TELEPHONE NUMBER
Michael Watkins	Fest Myers	N	bids@festmyers.com	202-636-9535
CHARIE WILKINSON	DDoS	Y	(wilkinson@jdos-international.com)	202 726 8643

Government of the District of Columbia
 Department of Transportation



PRE-BID CONFERENCE SIGN IN SHEET
 SOLICITATION NO.: DCKA-2016-B-0023
 CAPTION: INFRASTRUCTURE IMPROVEMENTS TO 17TH STREET
 FROM BARNEY CIRCLE, SE TO BENNING ROAD, NE

NAME	ORGANIZATION	DBE CERTIFIED? (Y/N)	EMAIL	TELEPHONE NUMBER
Chioma Ukaechi	DDOT, OCR		Chioma.ukaechi@dc.gov	
Julian Swain	DDOT, OCR		Julian.Swain@dc.gov	202-741-0635
Mohammed Karim	DDOT-OCR		Mohammed.Karim@dc.gov	2-299-2190
Mohamed Dahir	DDOT-IPMA		Mohamed.dahir@dc.gov	671-4627
Neville Dahir	DDOT-OCR		Neville.Dahir@dc.gov	(202) 907-7153

SCHEDULE OF ITEMS

DATE:
REVISED:

CONTRACT ID: DCKA2016B0023 PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 WASA WORK						
0010	000003 Employee Training	2400.000				
		HR				
0020	000506 Unassigned Special Item -EACH - 614744 - F&I 215 WATTS LED	49.000				
		EACH				
0030	000506 Unassigned Special Item -EACH - 614758 - F&I 200 WATTS LED	4.000				
		EACH				
0040	000514 Unassigned Special Item -SF - 612091 NON-TEXTURED ASPHALT PAVEMENT COATING APPLICATION FOR CYCLE TRACK	225.000				
		SF				
0050	108002 Mobilization			LUMP		
		LUMP				
0060	108004 Progress Photographs			LUMP		
		LUMP				
0070	108006 Record Drawings and As-Built Drawings			LUMP		
		LUMP				
0080	108012 Engineer's Field Facilities			LUMP		
		LUMP				
0090	108016 Field Layout			LUMP		
		LUMP				

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0100	|202002 Common Excavation	|	|	|	|	|
	|	|4080.000|	|	|	|	|
	|	|CY	|	|	|	|
0110	|205002 Structure Excavation	|	|	|	|	|
	|	|20.000|	|	|	|	|
	|	|CY	|	|	|	|
0120	|207002 Trench Excavation and Backfill	|	|	|	|	|
	|	|1170.000|	|	|	|	|
	|	|CY	|	|	|	|
0130	|207004 Trench Undercut Excavation	|	|	|	|	|
	|	|1180.000|	|	|	|	|
	|	|CY	|	|	|	|
0140	|207008 Borrow Trench Backfill	|	|	|	|	|
	|	|1000.000|	|	|	|	|
	|	|CY	|	|	|	|
0150	|209002 Aggregate Base Course	|	|	|	|	|
	|	|895.000|	|	|	|	|
	|	|CY	|	|	|	|
0160	|212002 Test Pit	|	|	|	|	|
	|	|33.000|	|	|	|	|
	|	|EACH	|	|	|	|
0170	|300013 Water and Sewer Service Special Item-LS - 302001 - DC WATER INSPECTION	|LUMP|	|LUMP|	|	|72600.00|	|
0180	|302002 Valve Casing	|	|	|	|	|
	|	|6.000|	|	|	|	|
	|	|EACH	|	|	|	|
0190	|303002 Abandon Valve Casing	|	|	|	|	|
	|	|5.000|	|	|	|	|
	|	|EACH	|	|	|	|
0200	|303004 Remove Fire Hydrant	|	|	|	|	|
	|	|7.000|	|	|	|	|
	|	|EACH	|	|	|	|

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	305004 Ductile Iron Pipe, 6 Inch	28.000 LF	.			
0220	305006 Ductile Iron Pipe, 8 Inch	140.000 LF	.			
0230	305010 Ductile Iron Pipe, 12 Inch	20.000 LF	.			
0240	307004 Relocate Fire Hydrant	4.000 EACH	.			
0250	307010 Convert Fire Hydrant	2.000 EACH	.			
0260	308022 Adjust Water Meter Unit	10.000 EACH	.			
0270	309002 Sewer Manhole on Sewer 48 Inch and Less Dia.	89.000 VLF	.			
0280	309004 Sewer Manhole on Sewer Greater Than 48 In Dia.	21.000 VLF	.			
0290	309006 Reinforced PCC Base on Sewers Greater 48 In Dia.	1.000 EACH	.			
0300	310004 F&I Standard Double Basin	10.000 EACH	.			
0310	310008 Basin Connect PCC Pipe, Class III, 15 Inch	404.000 LF	.			

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0320	310993 Catch Basins Special Item -EACH - GRATE TYPE DOUBLE CATCH BASIN WITH GRATE, SEE DDOTSTANDARD DRAWING 310. 11	4.000 EACH				
0330	311002 Adjust Sewer-Water-Utility Manhole Frame	20.000 EACH				
0340	311020 Manhole Adapter Ring	20.000 EACH				
0350	311991 Adjust, Rebuild&Replace Manhole&Catchbasin- Special Item -EA- MODIFY SEWER MANHOLE TOP	20.000 EACH				
0360	313002 Abandon Basin Connecting Pipe	6.000 EACH				
0370	313006 Abandon Basin	6.000 EACH				
0380	315002 Pipe Sewer TV Inspection - LS -	LUMP	LUMP			
0390	324002 PCC In-Line Thrust Block	2.000 EACH				
0400	328002 Clean Storm Sewer Structure	30.000 EACH				

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0410	328004 Clean Storm Sewer Connecting Pipe	1866.000 LF	.	.	.	.
0420	400015 Asphalt Construction Special Item -SY - 400016 - POROUS FLEXIBLE PAVING	125.000 SY	.	.	.	.
0430	402010 HMA Surface Course, 12.5 mm SUPERPAVE SURFACE COURSE, 12.5MM	3200.000 TON	.	.	.	.
0440	403002 Tack Coat	30083.000 SY	.	.	.	.
0450	405016 Temporary AC, HMA Surface Course, 12.5 mm	175.000 TON	.	.	.	.
0460	406002 Stone Filled Sheet Asphalt Patching	75.000 TON	.	.	.	.
0470	410002 Pavement Profiling (Milling)	30020.000 SY	.	.	.	.
0480	501002 Reinforced PCC Pavement	44.000 CY	.	.	.	.
0490	501991 Portland Cement Concrete Pavement Special Item -CY - RAISED CROSSWALK	35.000 CY	.	.	.	.
0500	501997 Portland Cement Concrete Pavement Special Item - BAGS - PCC CONCRETE	30.000 BAGS	.	.	.	.

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0510	502004 PCC Base for Utility Cuts	1460.000 CY	.	.	.	.
0520	502022 PCC Base, 10 Inch	40.000 SY	.	.	.	.
0530	504006 PCC Driveway-Alley Entrance, 7 Inch	930.000 CY	.	.	.	.
0540	505026 Welded Wire Fabric for Repair, Style 66-46	200.000 SY	.	.	.	.
0550	505030 Anchor Bolts - Paving	1050.000 EACH	.	.	.	.
0560	505034 Repair PCC Base	1300.000 CY	.	.	.	.
0570	507991 Minor Structures Special Item - CY - REPLACE PCC STEPS	150.000 CY	.	.	.	.
0580	605006 PCC Sidewalk, 4 Inch	7835.000 SY	.	.	.	.
0590	605010 Exposed Aggregate Sidewalk, 4 Inch	112.000 SY	.	.	.	.
0600	605018 Repair-Replace PCC Sidewalk, 4 Inch	5000.000 SY	.	.	.	.
0610	605026 Brick Sidewalk on PCC Base	90.000 SY	.	.	.	.

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0620	606016 PCC Curb and/or Gutter, 15 to 18 Inch Depth	930.000 CY	.	.	.	.
0630	606050 PCC Circular Curb for Alley-Drive Entrance	400.000 LF	.	.	.	.
0640	606052 Repair-Replace PCC Curb and/or Gutter	800.000 CY	.	.	.	.
0650	606064 Furnish and Set 8"x12" Granite Straight Curb	890.000 LF	.	.	.	.
0660	606066 Furnish&Set 8"x12" Granite Circular Curb Radius Under 10Ft	93.000 LF	.	.	.	.
0670	606068 Furnish&Set 8"x12" Granite Circular Curb Radius 10-100Ft	1840.000 LF	.	.	.	.
0680	606098 PCC Wheelchair/Bicycle Ramp - New Construction	43.000 EACH	.	.	.	.
0690	606100 PCC Wheelchair/Bicycle Ramp - Existing Construction	100.000 EACH	.	.	.	.
0700	606108 Brick Gutter	240.000 SF	.	.	.	.
0710	607020 Sod with 4 Inch Topsoil	820.000 SY	.	.	.	.

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0720	607032 Mulch	1200.000 SY	.	.	.	.
0730	607044 Sand Based Structural Soil STALITE STRUCTURAL SOIL	1300.000 CY	.	.	.	.
0740	608002 Remove Tree and Stump up to 6 Inch Dia.	10.000 EACH	.	.	.	.
0750	608020 Remove Tree 6 to 12 Inch Dia.	4.000 EACH	.	.	.	.
0760	608052 Prune Tree up to 6 Inch Dia.	5.000 EACH	.	.	.	.
0770	608056 Prune Tree 6 Inch to 12 Inch Dia.	5.000 EACH	.	.	.	.
0780	608058 Prune Tree 12 Inch to 18 Inch Dia.	5.000 EACH	.	.	.	.
0790	608072 Tree Protection and Replacement	90.000 EACH	.	.	.	.
0800	610014 Install/Move Water Filled Plastic Jersey Barrier	160.000 LF	.	.	.	.
0810	612006 Construction Lane Closing	LUMP	LUMP	.	.	.
0820	612008 Remove Lane Markings	4666.000 SF	.	.	.	.

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0830	612010 Temporary Construction Sign Supports	60.000 EACH	.	.	.	.
0840	612014 Construction Warning and Detour Signs	370.000 SF	.	.	.	.
0850	612016 Reflectorized Traffic Cones	30.000 EACH	.	.	.	.
0860	612018 Flashing Amber Warning Lights, Type "B"	25.000 EACH	.	.	.	.
0870	612026 Construction Sign Warning Flags	30.000 EACH	.	.	.	.
0880	612028 Type III PVC Barricade	10.000 EACH	.	.	.	.
0890	612034 Traffic Drums	200.000 EACH	.	.	.	.
0900	612054 Thermoplastic Pavement Marking, 4 Inch	15347.000 LF	.	.	.	.
0910	612056 Thermoplastic Pavement Marking, 4 Inch Dash	4206.000 LF	.	.	.	.
0920	612058 Thermoplastic Pavement Marking, 6 Inch	4977.000 LF	.	.	.	.
0930	612060 Thermoplastic Pavement Marking, 6 Inch Dash	990.000 LF	.	.	.	.

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023 PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0940	612064 Thermoplastic Pavement Marking, 12 Inch	2573.000 LF	.		.	
0950	612066 Thermoplastic Pavement Marking, 24 Inch	11100.000 LF	.		.	
0960	612068 Thermoplastic Pavement Letter	48.000 EACH	.		.	
0970	612070 Thermoplastic Pavement Arrow	109.000 EACH	.		.	
0980	612076 Thermoplastic Pavement Bicycle Marking, 8 Foot BIKE LANE SYMBOL OR SHARED LANE SYMBOL	152.000 EACH	.		.	
0990	612084 Painted Lane Marking, 4 Inch	11720.000 LF	.		.	
1000	612100 Portable Changeable Message Sign - VMS	2.000 EACH	.		.	
1010	612104 Steel Protection Plate	32.000 EACH	.		.	
1020	612993 Traffic Control Special Item - EACH - 612071 SURFACE MOUNT FLEXIBLE POST AND BASE	20.000 EACH	.		.	
1030	612993 Traffic Control Special Item - EACH - 612998 - DRIVER FEEDBACK SIGN	4.000 EACH	.		.	

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1040	612993 Traffic Control Special Item - EACH - 613001 - BOLT-ON UPS SYSTEM	8.000 EACH				
1050	612993 Traffic Control Special Item - EACH - 613003 - TRAFFIC SIG HEAD OR PED SIGN HEAD REMOVAL AND TEMPORARY INSTALLATION	130.000 EACH				
1060	612997 Traffic Control Special Item - LF - TEMPORARY PAINTED LANE MARKINGS, 24 INCHES	2821.000 LF				
1070	613006 Remove Abandoned Traffic Signal/Street Light Pole Foundation	37.000 EACH				
1080	613008 F&I PCC Foundation For Traffic Sig /Pendant Post St Lt Pole	36.000 EACH				
1090	613030 F&I Galvanized Steel Transformer Base	100.000 EACH				
1100	613036 Furnish&Install One 2 In&Two 4 In PVC Encased Elec Conduits SCH 40 PVC CONDUIT	280.000 LF				
1110	613038 Furnish&Install One 2 In&One 4 In PVC Encased Elec Conduits SCHEDULE 40 PVC CONDUIT	1280.000 LF				

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1120	613040 Furnish&Install Four 4 In PVC Encased Electrical Conduits IN SCHEDULE 40 PVC CONDUITS	1640.000 LF				
1130	613050 F&I Pcc Foundation For Controller Cabinet	8.000 EACH				
1140	613052 Fur Temp Port Concrete Base M.336-S&M. 336-Ss Traf Sig Cab	8.000 EACH				
1150	613054 Fur Temp Port Conc Base 20 Ft Steel Traf Pole on Trans Base	64.000 EACH				
1160	613056 Relocate Any Temporary, Portable, Concrete Base	72.000 EACH				
1170	613058 F&I 20 Foot Tall Steel Traffic Signal Pole	79.000 EACH				
1180	613078 Furnish&Install 8 Ft Mast Arm w/Clamp & Removable End Clamp	26.000 EACH				
1190	613086 F&I Magnetic Sensor Detectors	15.000 EACH				
1200	613090 F&I Sensor Access Point On Any Pole	1.000 EACH				
1210	613096 Furnish&Install Closed Circuit Television Camera System	5.000 EACH				

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1220	613098 F&I 7 Conductor 14 Awg Stranded Electrical Traffic Sig Cable	19795.000 LF	.	.	.	.
1230	613100 F&I 4 Conduct 18 Awg Shielded Stranded Elec. Traf Sig Cable	8752.000 LF	.	.	.	.
1240	613106 Furnish&Inst 25 Pair 19 Awg Underground Communications Cable	12300.000 LF	.	.	.	.
1250	613150 Furnish Red Ball Led Module (12 inch)	79.000 EACH	.	.	.	.
1260	613156 Furnish Yellow Ball Led Module (12 inch)	79.000 EACH	.	.	.	.
1270	613162 Furnish Green Ball Led Module (12 inch)	55.000 EACH	.	.	.	.
1280	613168 Furnish Green Arrow Led Module	27.000 EACH	.	.	.	.
1290	613170 Furnish Portland Orange Raised Hand Led Module	72.000 EACH	.	.	.	.
1300	613172 Furnish Lunar White Walking Person Led Module	72.000 EACH	.	.	.	.
1310	613194 Furnish 12 Inch Portland Orange Countdown Led Module	72.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

DATE:
REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1320	613202 F&I 3 Section Conventional Traf Sig Head On Pole(Lenses 12")	50.000 EACH	.	.	.	.
1330	613204 F&I 4 Section Conventional Traf Sig Head On Pole(Lenses 12")	1.000 EACH	.	.	.	.
1340	613206 F&I 5 Section Conventional Traf Sig Head On Pole(Lenses 12")	2.000 EACH	.	.	.	.
1350	613208 F&I 3 Section Conv Traf Sig Head On Mast Arm(Lenses 12")	26.000 EACH	.	.	.	.
1360	613226 F&I 2 Sect Conventional Pedestrian Signal Head on Pole(12")	72.000 EACH	.	.	.	.
1370	613238 F&I Accessible Pedestrian Signal Unit w/Custom Messaging	72.000 EACH	.	.	.	.
1380	613240 F&I Accessible Pedestrian Signal Control Unit	72.000 EACH	.	.	.	.
1390	613322 F&I Traffic Signal Controller And Cabinet	8.000 EACH	.	.	.	.
1400	613334 Remove Abandoned Traff Signal Controller Cabinet Foundation	8.000 EACH	.	.	.	.
1410	613338 Remove Traffic Signal Pole And Traffic Signal Equipment	9.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

DATE:
REVISED:

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1420	613340 Remove Traffic Signal Controller And Cabinet	8.000 EACH	.	.	.	.
1430	613348 Rel ExistTrafSig Controller Cab Onto Temp Prtble Concrete Bs	8.000 EACH	.	.	.	.
1440	614038 Furnish and Install Spread Footer	10.000 EACH	.	.	.	.
1450	614078 F&I 36" x 36" x 36" Manhole	21.000 EACH	.	.	.	.
1460	614082 Remove Manhole over 24" x 24"	2.000 EACH	.	.	.	.
1470	614084 F&I 48" x 48" x 48" Manhole	7.000 EACH	.	.	.	.
1480	614122 F&I 1-2" Schedule 40 Rigid PVC Conduit	500.000 LF	.	.	.	.
1490	614210 F&I 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	200.000 LF	.	.	.	.
1500	614230 F&I #10 Stranded Wire	2800.000 LF	.	.	.	.
1510	614242 F&I #6 Stranded Wire	5800.000 LF	.	.	.	.
1520	614290 F&I #0000 Stranded Wire	910.000 LF	.	.	.	.

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: DCKA2016B0023 PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1530	614332 F&I #8 Stranded Ground Wire	3400.000 LF	.	.	.	.
1540	614350 F&I #2 Stranded Ground Wire	310.000 LF	.	.	.	.
1550	614424 F&I 15" B.C. Street Light Foundation	47.000 EACH	.	.	.	.
1560	614430 Remove Street Light Pole Foundation	39.000 EACH	.	.	.	.
1570	614452 F&I 15" B.C Steel Transformer Base	52.000 EACH	.	.	.	.
1580	614544 F&I 28.5' Steel Pendant Pole with up to 8' Arm	52.000 EACH	.	.	.	.
1590	614568 Remove Pendant Pole 30 ft. Height or Less	44.000 EACH	.	.	.	.
1600	614632 Remove Wood Pole 35 ft. Height or less	1.000 EACH	.	.	.	.
1610	614662 Remove arm from wood pole up to 8 ft. in Length	1.000 EACH	.	.	.	.
1620	614698 Remove Luminaire from Wood Pole	1.000 EACH	.	.	.	.
1630	614700 Remove Luminaire from Steel Pole	44.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023 PROJECT(S): STP-4000(089)

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1640	614993 Electrical Work Special Item -EACH- 613097 - RELOCATE EXISTING CCTV CAMERA TO TEMPORARY TRAFFIC SIGNAL POLE	1.000 EACH				
1650	614993 Electrical Work Special Item -EACH- REMOVE/RELOCATE CALL BOX	4.000 EACH				
1660	614999 Payment to PEPCO for Connection, Disconnection, Inspection	LUMP	LUMP		90000.00	
1670	616008 Break-Away Type Wood Sign Posts, 6x6 Inch	1330.000 LF				
1680	616018 Metal Sign Posts, 4.00 Pounds per Foot	3480.000 LF				
1690	616022 Traffic Sign Panels	1145.000 SF				
1700	616036 Remove Existing Ground Mounted Sign	1290.000 SF				
1710	616042 Federal Aid Project Sign	2.000 EACH				
1720	618002 Erosion and Sediment Control	LUMP	LUMP			
1730	618016 Geotextile for stormwater management	2000.000 SY				
	SECTION 0001 TOTAL					

SCHEDULE OF ITEMS

CONTRACT ID: DCKA2016B0023

PROJECT(S): STP-4000(089)

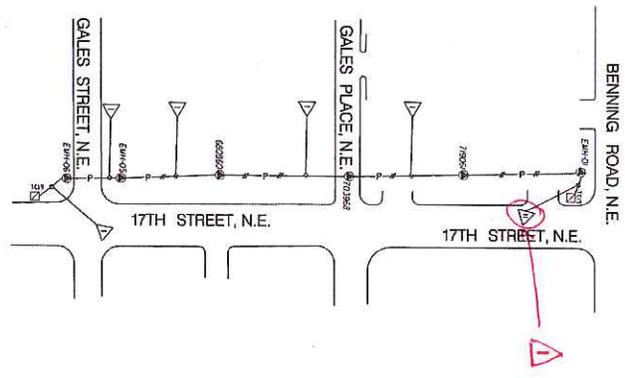
CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
| TOTAL BID						

REV	DATE	PROJECT NO.	SHEET
6	D.C.	1400 044	143
			147

DESCRIPTION	REVISION					
	DATE	CON.	CHK.	APP.	APP.	APP.

EXISTING COMMUNICATION CABLE PLAN - 2

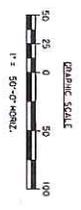


NOTES:

1. THE CONTRACTOR SHALL REMOVE EXISTING UNDERGROUND 12 PAIR COMMUNICATION CABLE ALONG 17TH STREET, N.E. BETWEEN THE EXISTING GALES STREET, N.E. (TC18),
2. THE CONTRACTOR SHALL REMOVE EXISTING UNDERGROUND 12 PAIR COMMUNICATION CABLE ALONG 17TH STREET, N.E. BETWEEN THE EXISTING AND 19TH STREET, N.E. (TC19).

LEGEND:

- : EXISTING TRAFFIC SIGNAL CONTROLLER
- : EXISTING AVANT DODOT MARIHOLE
- △: 1/2 PAIR COMMUNICATION CABLE
- ▽: 2/4 PAIR COMMUNICATION CABLE
- : EXISTING UNDERGROUND COMMUNICATION CABLES TO BE REMOVED



Precision Systems, Inc.
Engineering, Planning and Analysis
WASHINGTON, D.C.

National & International
481 New York Ave. SW, Suite 800
Washington, DC 20005
www.precisiondc.com

SCALE: _____

APPROVED BY: _____ DATE: _____

DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION	
17TH STREET, N.E. FROM EAST CAPITOL STREET TO BENNING ROAD, N.E. EXISTING COMMUNICATION CABLE PLAN - 2	
DRAWN BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i> DATE: 8/21/13	PROJECT NO.: 1400 044 SHEET NO.: 143 TOTAL SHEETS: 147

CM-02

DATE: 07/13

SCALE: 1" = 50'

PROJECT NO.: 1400 044

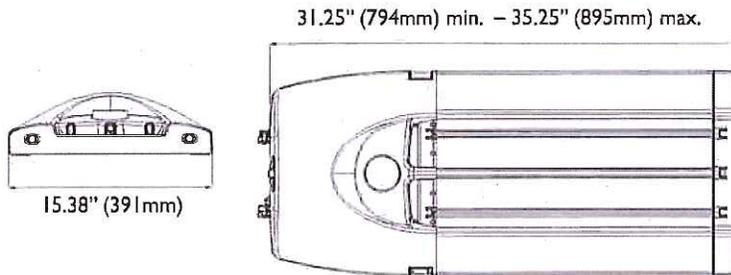
SHEET NO.: 143

TOTAL SHEETS: 147

Project name	Washington DC	Type	270 Watt Equivalent - R Version		
Date	1-8-13	Prepared by	David Baum		
RVM	215W128LED4K-R	LE2 or LE3	UNIV	RC-API	GY3
Luminaire	Lamp	Optical system	Voltage	Options	Finish

RoadView LED R Series

RVM



RVM
Weight: 34 to 37 lbs
(15.4 to 16.8 kg)

Lamps

LUMINAIRE PERFORMANCE DATA (Nominal 4000K CCT)											
Lamp	Drive		Luminaire Lumens*	System Watts	Max. system current (amps)	Weight		Length		EPA	
	LEDs	Current				lb	kg	in.	mm.	sq. ft.	sq. m.
110W96LED4KR	96	350	10532	105	1.08	34	15.4	31.25	794	0.71	0.066
160W96LED4KR	96	530	15219	160	1.63	34	15.4	31.25	794	0.71	0.066
215W96LED4KR	96	700	18673	208	2.16	34	15.4	31.25	794	0.71	0.066
125W112LED4KR	112	350	12520	120	1.26	34	15.4	31.25	794	0.71	0.066
190W112LED4KR	112	530	18092	183	1.90	34	15.4	31.25	794	0.71	0.066
145W128LED4KR	128	350	14089	137	1.44	34	15.4	31.25	794	0.71	0.066
215W128LED4KR	128	530	20360	209	2.18	34	15.4	31.25	794	0.71	0.066
160W144LED4KR	144	350	15063	154	1.62	37	16.8	35.25	895	0.78	0.072
245W144LED4KR	144	530	21768	235	2.45	37	16.8	35.25	895	0.78	0.072
180W160LED4KR	160	350	15798	170	1.80	37	16.8	35.25	895	0.78	0.072
270W160LED4KR	160	530	22829	260	2.72	37	16.8	35.25	895	0.78	0.072

*For Type II distribution. See photometric files for other distributions plus updated information



PHILIPS

Optical systems / LED **To Be Specified** Voltage

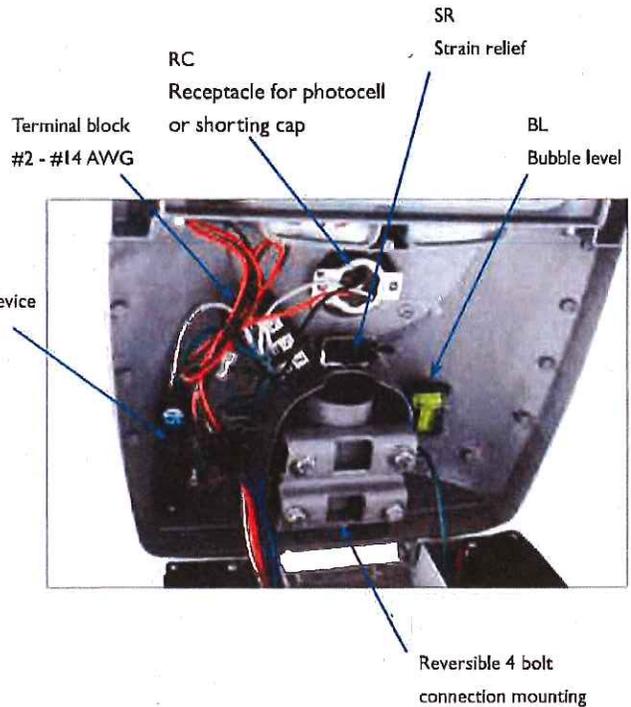
LE2	TYPE II / Asymmetrical distribution	UNIV (120-277)	347	480
LE3	TYPE III / Asymmetrical distribution			
LE4	TYPE IV / Asymmetrical distribution			

Driver options**

AST	Driver pre-programmed with progressive lamp starting*
CDMG	Dynadimmer standard dimming program*
CDMGP	Dynadimmer custom dimming program*
CLO	Constant Light Output, driver pre-programmed to achieve the same light intensity for the duration of the lifespan of the lamp*
DALI	Driver compatible with DALI control systems*
DMG	Dimmable driver 0-10 volt
OTL	Over The Life, driver pre-programmed to signal the end of lamp life*
OVR	Dynadimmer override function for use with motion detector or other switching device

*Only available with 120 - 277 volts.

** For all programmable options please consult the factory for details



Luminaire options

API	ANSI/NEMA wattage label	Customer to verify if needed
BL	Bubble level	
OSL3W	Motion detector (requires DMG or CDMG)	
PH8	Photoelectric cell, twistlock type includes receptacle	
PH9	Shorting cap for single phase (120, 240, 277, 347v) with receptacle	
RC	Receptacle for a twist-lock photocell or shorting cap	
SR	Strain relief	

Finish options

GY3	Gray	BR	Bronze
WH	White	BK	Black

EXP Extrusion painted to match cast housing color selected above (standard extrusion color is anodized aluminum).

Additional colors are available. Consult factory for complete specifications.

Specifications subject to change without notice.
Consult factory for full details.



LEDGINE

PHILIPS

Lamp

Composed of high performance white LEDs. Color temperature of 4000 Kelvin +/- 300 nominal, 73 CRI. Ambient operating temperature range -40°C (-40°F) to +40°C (104°F). L70 lifetime of 100000 hours minimum at 25C ambient (75000 hours for 700mA model with 96 LEDs).

Optical system

Composed of high performance lenses, protected by a flat tempered glass lens. System is rated IP66. Photometric performance is tested according to IES LM-79.

Surge protector

Surge protective device provides all phases protection for line-ground, line-neutral, and neutral-ground in accordance with IEEE / ANSI C62.41.2 C High. Surge rating 10 kV, 10 kA and DOE Model Specification for Roadway Luminaires Elevated requirements per Appendix D. Surge protection is standard for all product models 120-480v.

Driver

Electronic driver, operating range 50-60 Hz. Auto-adjusting to input voltage between 120-277 volt AC, or 347-480 volt AC. Minimum power factor 0.90, max THD 20%. UL recognized component. IP66 rated. Optional dimming (0-10v) and digital driver features available.

Housing

The upper and lower parts of the housing are made of die cast A360 aluminum alloy. The 4-bolt mounting system includes a reversible bracket made of zinc plated steel. Fits on a 1.66" to 2.375" OD by 5" long tenon, fixed by 3/8-16 UNC steel zinc plated bolts. An integral part of the housing permits an adjustment of +/- 5° by steps of 2.5°.

Power door

The housing is complete with a tool-less removable power door including quick disconnects for ease of service. A tool free latch assembly on the power door allows for easy access to the electrical compartment.

Heat sink

The extruded heat sink is made of A6063 aluminum alloy, and is shaped to draw heat away from the LEDs. Product does not use any cooling device with moving parts (has passive cooling device).

LED platform

The LEDGINE LED platform consist of two LED boards with 48, 64, or 80 LUXEON R LEDs each, as required to provide total LEDs from 96 - 160. The LED boards are removable and replaceable.

Wiring

Luminaire wiring is done using a terminal block located inside the housing. Terminal block accepts three wires (#2-14 AWG).

Hardware and seals

All hardware shall be stainless steel or corrosion resistant. All seals and sealing devices are lined with silicone.

Finish

Application of a polyester powder coat paint. (4 mils/100 microns). The chemical composition provides a highly durable UV and salt spray resistant finish in accordance with the ASTM-B117 standard and humidity proof in accordance with the ASTM-D2247 standard. The specially formulated Lumital powder coat finish is available in standard gray. Additional colors are available. Consult factory for complete specifications.

Vibration resistance

Meets the ANSI C136.31-2001 table 2, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications (3G).

Certifications and Compliance

CSA, UL or cUL. ISO 9001-2008. All electrical components are RoHS compliant. Listed on Design Lights Consortium (DLC) Qualified Products List (QPL).

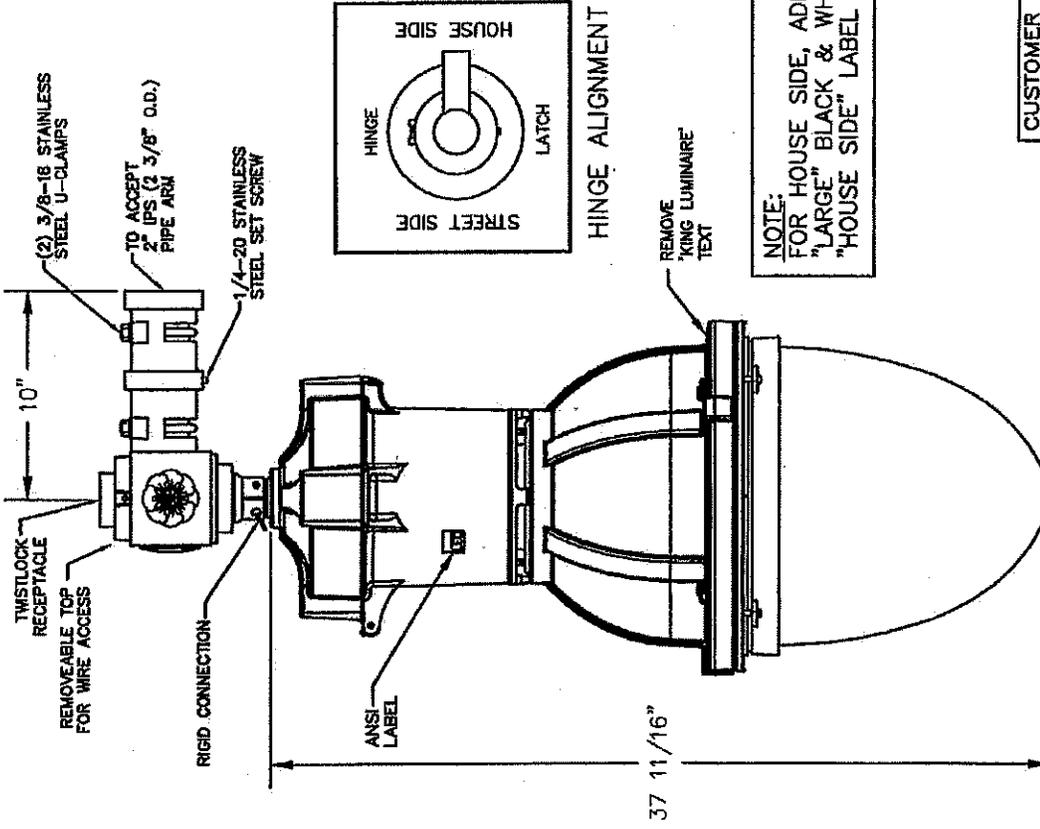


©2012 Philips Roadway Lighting
All rights reserved.

Document order number: RVMTS100R02A

Philips Roadway Lighting
10275 W. Higgins Road
Rosemont IL 60018
Tel: 847-390-5111 Fax: 847-332-0305
Customer Support/Technical Service: 847-390-5111
www.philips.com/roadwaylighting
A Division of Genlyce Thomas Group LLC

REV.	ALTERATION	DATE	BY
A	NOTE FOR HOUSE SIDE ADDED	02/27/15	AA



SPECIFICATIONS

CATALOGUE NO.: K804-P4RAD-III-150(SSL)-8084
-120:277V-(RIGID)KPL31-PR7

QUANTITY: FLAT ARRAY ACRYLIC DEEP DISH
OPTICAL SYSTEM: TYPE III
IES LTG. CLASS.: SEE CHART
INPUT WATTAGE: SOLID STATE LIGHTING

SERIES: SEE CHART
CCT: 4000K
LINE VOLTAGE: 120:277V
PAINT: SEE CHART

OPTIONS: RIGID KPL-31 LEVELING DEVICE
C/W 7-PRONG TWISTLOCK
PHOTOCELL RECEPTACLE ANSI
STANDARD C136.41
(PHOTO-EYE BY OTHERS)

OPTIONS:

QUICK DISCONNECT

ACCEPTED
Ray Rowe
1/8/16

CUSTOMER APPROVAL & DATE:

CUSTOMER ORDER No: _____
KING U.S. ORDER No: _____

Manufacturing Locations:
Burlington, Ontario 1-800-268-7809
Northport, Alabama 1-800-435-6563
Atchison, Kansas 1-800-837-1024
Jefferson, Ohio 1-800-268-7809

King Luminaire • StressCrete • Est. 1953

STRESSCRETE GROUP

PROJECT/CUSTOMER: DDOT HOWARD THEATER AREA

DRAWN BY: TASHI B. AT: SC1
CHECKED BY: DATE: 01/21/15
REVISION: A

DRAWING TYPE: APPROVAL/MFG. DWG. DRAWING NUMBER: DDOT-5

CHECK ONE	WATTAGE	SERIES	STOCK CODE	ANSI LABEL
<input type="checkbox"/>	100W	8080	-	100 LED
<input type="checkbox"/>	120W	8084	-	120 LED
<input checked="" type="checkbox"/>	150W	8084	-	150 LED
<input checked="" type="checkbox"/>	200W	8084	-	200 LED

CHECK ONE	PAINT OPTIONS
<input checked="" type="checkbox"/>	TEXTURED BLACK
<input type="checkbox"/>	TEXTURED FEDERAL STD. #16099 GRAY

CHECK ONE	STOCK CODE:
<input type="checkbox"/>	HOUSE SIDE SHIELD
<input checked="" type="checkbox"/>	NO HOUSE SIDE SHIELD

EMPLOYEE TRAINING REQUIREMENTS

23 CFR, Part 230, Subpart A, Appendix B applies to this contract, except as modified below. Prior to commencing, the contractor shall submit to the DC Department of Transportation Contracting Officer for approval, the number of trainees to be trained in each selected and classification and providing the prospective trainee's home address(es) and social security number(s). The number of trainees to be trained under this contract is (3) shall be in the following classifications:

<u>CRAFT</u>	<u>NUMBER</u>
Laborer	1
Form Setter	1
Asphalt Raker	1

The minimum length and type of training for each classification will be as established in the training program selected by the contractor and approved by the Contracting Officer, DC Department of Transportation and the Division Engineer, Federal Highway Administration.

For purposes of this requirement, a trainee is defined as a person who is registered and receiving on-the-job training in a construction or construction management occupation under a program which has been approved and certified in advance by the U.S. Department of Labor, Employment and Training Administration or by the Division Engineer, Federal Highway Administration.

A trainee differs from an apprentice in that an apprentice means (1) a person employed and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or (2) a person in the first 90 days of probationary employment in an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where applicable) to be eligible for probationary employment as an apprentice.

Contractors are encouraged to utilize the resources of the District of Columbia, Department of Employment Services, Employer Services Center and the District of Columbia, Department of Transportation to recruit and hire prospective trainees. Prospective trainees who are not enrolled in any approved program may be selected from among the contractor's construction workforce, subject to the approval of the Contracting Officer.

The District Department of Transportation-Construction Contract Branch will monitor your training program closely during the life of the project to ensure that the training program is being administered in compliance with the applicable Federal regulations and that the assigned number of trainees are enrolled and receiving

training. Contractors are reimbursed only for training actually given and carefully documented by the Project Engineer and verified by the District Department of Transportation-Construction Contract Branch.

APPRENTICESHIP PROGRAM:

All prime Contractors and subcontractors who contract with the District of Columbia Government to perform construction or renovation work with a single contract or cumulative contracts of at least \$500,000.00, let within a twelve (12) month period, shall be required to register and apprenticeship program with the District of Columbia Apprenticeship Council. (D.C. Code 36-409((1981))).

APPRENTICES AND TRAINEES:

This S.P. supplements APPRENTICES AND TRAINEES, ARTICLE 3 of STANDARD CONTRACT PROVISIONS FOR USE WITH SPECIFICATIONS FOR DISTRICT GOVERNMENT CONSTRUCTION PROJECTS, DATED 1973; as amended by the Transmittal Sheet No. 5.

- (1) In Items A, B and C, except for subparagraph C5, wherever the words "Apprenticeship Council, D.C. Department of Labor" appear, add immediately after: "and/or U.S. Department of Labor."
- (2) In Item B. Trainees, add the following: "Training programs approved under the requirements of Article IV; Section 4 and 5 of Required Contract Provisions, Federal Aid Construction Contracts (Form FHWA-1273) will satisfy the requirements of this item.

The contractor and all subcontractors shall furnish to the Contracting Officer written evidence of the registration of his/her program and apprentices as well as the appropriate ratios and wage rates for the areas of construction, prior to using any apprentice on the contract.