

EXHIBIT 1 FY-18 VEHICLE

PURCHASE

ITEM 1

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PASSENGER TRUCK, SMALL-SIZE SUV

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

1.1 VEHICLE USAGE: UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

***** ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *****

***** THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *****

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

A		B
SPECIFICATION		MEETS SPEC
SECTION 2: BASE VEHICLE		
2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	FORD ESCAPE OR WMATA APPROVED EQUAL
2.3	BODY/ CAB STYLE	FOUR (4) DOOR SMALL-SIZE SUV
2.4	DRIVETRAIN	FOUR WHEEL DRIVE (4WD) OR ALL WHEEL DRIVE (AWD)
2.5	VEHICLE PAINT COLOR	SOLID WHITE
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	
SECTION 3: POWERTRAIN		
3.1	ENGINE	2.0L/121, INLINE 4 CYLINDER
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.3	FUEL TANK CAPACITY	15 GALLONS
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF) OR AUTOMATIC AWD/4WD
SECTION 4: STARTING & CHARGING SYSTEMS		
4.1	STANDARD FOR VEHICLE SPECIFIED	
SECTION 5: WEIGHT RATINGS		
5.1	STANDARD FOR VEHICLE SPECIFIED	
SECTION 6: CHASSIS		
6.1	SUSPENSION, FRONT	INDEPENDENT
6.2	SUSPENSION, REAR	INDEPENDENT
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS
6.4	WHEELS	STANDARD SIZE ALUMINUM WHEELS
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE
6.6	STEERING	POWER ASSISTED
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)
SECTION 7: DIMENSIONS		
7.1	WHEEL BASE	105.0"
7.2	OVERALL LENGTH	178.0"
SECTION 8: INTERIOR		
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3

8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING		
8.3.1	CARPET	DARK GRAY OR WMATA APPROVED EQUAL DARK COLORED CARPET	
8.3.2	FLOOR MATS	FRONT & REAR DARK COLORED ALL WEATHER RUBBER MATS	
8.3.3	CARGO AREA	RUBBER PROTECTOR MAT	
8.4	DOME LIGHT(S)	ONE (1) PER ROW OF SEATING	
8.5	CARGO AREA LIGHT(S)	ONE (1)	
8.6	CARGO AREA COVER	HEAVY DUTY VINYL	
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING w/ ELECTRONIC AUTOMATIC TEMPERATURE CONTROL	
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.16	GLASS		
8.16.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.16.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.17	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIRBAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	

10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				
11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	READER: MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR			
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)			
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)			
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS			
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)			
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE			
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED			
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED			
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS			
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS			

SECTION 12: BODY		
12.1	STANDARD FOR VEHICLE SPECIFIED	
SECTION 13: ADDITIONAL SPECIFICATIONS		
13.1	NA	
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)		
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION	
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES	
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES	

FY-18 VEHICLE PURCHASE

ITEM 2

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PASSENGER TRUCK, MID-SIZE SUV

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD EXPLORER OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR MID-SIZE SPORT UTILITY VEHICLE		
2.4	DRIVE TYPE	FOUR (4) WHEEL DRIVE (4WD) OR ALL WHEEL DRIVE (AWD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

SECTION 3: POWERTRAIN

3.1	ENGINE	3.5L V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	18.0 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF) OR AUTOMATIC AWD/4WD		

SECTION 4: STARTING & CHARGING SYSTEMS

4.1	STANDARD FOR VEHICLE SPECIFIED			
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SECTION 5: WEIGHT RATINGS

5.1	STANDARD FOR VEHICLE SPECIFIED			
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SECTION 6: CHASSIS

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	INDEPENDENT		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	STANDARD SIZE ALUMINUM WHEELS		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

SECTION 7: DIMENSIONS			
7.1	EXTERIOR:		
7.1.1	WHEEL BASE	112.0"	
7.1.2	OVERALL LENGTH	197.0"	
7.1.3	WIDTH, EXCLUDING MIRRORS	78.0"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY	SEVEN (7)	
8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING		
8.3.1	CARPET	DARK GRAY OR WMATA APPROVED EQUAL DARK COLORED CARPET	
8.3.2	FLOOR MATS	FRONT & REAR DARK COLORED ALL WEATHER RUBBER MATS	
8.3.3	CARGO AREA	RUBBER PROTECTOR MAT	
8.4	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING	
8.5	CARGO AREA LIGHT(S)	ONE (1)	
8.6	CARGO AREA COVER	HEAVY DUTY VINYL	
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
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8.16	GLASS		
8.16.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.16.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.17	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIRBAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT	
10.1.3		SAFETY CANOPY SIDE CURTAIN	

10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		RETRACTABLE		
10.2.2		THREE POINT		
10.2.3		FRONT HEIGHT ADJUSTABLE		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
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11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	READER: MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR			
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			

11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
SECTION 12: BODY			
12.1	STANDARD FOR VEHICLE SPECIFIED		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	NA		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

VEHICLE PURCHASE

ITEM 3

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PASSENGER TRUCK, MID-SIZE SUV
FOR SAFETY DEPT.

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 VEHICLE USAGE:
 1.1.1 UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED BY THE DEPARTMENT OF SAFETY IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

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ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	FORD INTERCEPTOR UTILITY OR WMATA APPROVED EQUAL
2.3	BODY/ CAB STYLE	FOUR (4) DOOR MID-SIZE SPORT UTILITY VEHICLE
2.4	DRIVE TYPE	AUTOMATIC FULL TIME ALL WHEEL DRIVE (AWD)
2.5	VEHICLE PAINT COLOR	SOLID WHITE
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	

SECTION 3: POWERTRAIN

3.1	ENGINE	3.7L V6
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.3	FUEL TANK CAPACITY	18.0 GALLONS
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC

SECTION 4: STARTING & CHARGING SYSTEMS

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	TYPE & COLD CRANKING AMPS: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE	
4.1.3	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR:	
4.2.1	TYPE & OUTPUT AMPERAGE: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING	

SECTION 5: WEIGHT RATINGS

5.1	STANDARD FOR VEHICLE SPECIFIED	
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SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	INDEPENDENT	
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.4	WHEELS	SILVER PAINTED ALUMINUM. WHEEL COVERS ARE UNACCEPTABLE	
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.6	STEERING	POWER ASSISTED	
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	EXTERIOR:		
7.1.1	WHEEL BASE	112.0", 114.0" MAX	
7.1.2	OVERALL LENGTH	197.0", 200.0" MAX	
7.1.3	WIDTH, EXCLUDING MIRRORS	78.0", 80.0" MAX	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	HEAVY-DUTY CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	DOMES LIGHT(S)	WHITE, ONE (1) PER ROW OF SEATING	
8.5	CARGO AREA LIGHT(S)	WHITE, ONE (1)	
8.6	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.7	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.8	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.9	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.11	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.12	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.13	DOOR LOCK PLUNGER	MUST BE VISIBLE & OPERABLE	
8.14	REAR DOOR HANDLES & LOCKS	MUST BE OPERABLE	
8.15	KEYS	MUST BE UNIQUE TO EACH VEHICLE. NO FLEET KEY	
8.16	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.17	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.18	GLASS		
8.18.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.18.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.19	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	
8.20	SHIFTER	TRANSMISSION SHIFTER MUST BE ON STEERING COLUMN. CENTER CONSOLE MOUNTED SHIFTER IS UNACCEPTABLE	

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIRBAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.10	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER			
11.0	FLEETWATCH GP55 SYSTEM:		
11.0.1	COMPONENT MOUNTING:	MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION	
11.0.2	READER:	MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR	
11.0.3	MODULE:	SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED	
11.0.4	ANTENNA (SMALL GPS MODULE):	SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA	
11.0.5	SYSTEM GROUND:	MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND	
11.0.6	BATTERY POWER:	MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)	

11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AC VOLTAGE POWER OUTLET		
11.1.1	OEM FACTORY INSTALLED 110 VOLT POWER OUTLET SHALL BE MOUNTED ON CENTER CONSOLE. IF OEM FACTORY INSTALLED OUTLET IS NOT AVAILABLE THE BIDDER SHALL PROVIDE MINIMUM 3,000 WATT POWER INVERTER. BIDDER SHALL PROVIDE & INSTALL ALL SYSTEM COMPONENTS, MOUNTING BRACKETS, HARDWARE, PROPER WIRING & CIRCUIT PROTECTION. SYSTEM SHALL BE CAPABLE OF POWERING A LAPTOP COMPUTER		
11.2	LED LIGHT BAR		
11.2.1	TYPE: ONE (1) CODE 3 44" DEFENDER QUAD CORE LIGHT BAR PART # DF44A OR WMATA APPROVED EQUAL w/ RED/WHITE CONFIGURATION & TAKE DOWN LIGHTS & ALLEY LIGHTS		
11.2.2	MOUNTING: ONE (1) LIGHT BAR SHALL BE PERMANENTLY MOUNTED ON THE CENTER OF THE ROOF BETWEEN THE FRONT DOORS. WMATA MUST APPROVE MOUNTING LOCATION(S) PRIOR TO INSTALLATION. WIRING SHOULD BE CONCEALED ABOVE THE HEADLINER		
11.2.3	CONTROLLER: SHALL INCLUDE SWITCH CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS AND THAT ALLOWS ALLEY LIGHTS, TAKE DOWN LIGHTS & COLORED LIGHTS TO BE OPERATED INDEPENDENTLY FROM EACH OTHER. ONE SWITCH THAT OPERATES TAKE DOWN & ALLEY LIGHTS IS UNACCEPTABLE		
11.2.4	CONTROL SWITCHES: SHALL BE MOUNTED ON CENTER CONSOLE. INDIVIDUAL SWITCHES MUST BE CLEARLY LABELED:		
11.2.4.1	LIGHT BAR		
11.2.4.2	TAKE DOWNS		
11.2.4.3	ALLEY LIGHTS		
11.2.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.3	LED STROBE LIGHTS		
11.3.1	TYPE: INSTALL FOUR (4) CODE 3 PART # HB6PAK-R OR WMATA APPROVED EQUAL HIDDEN RED LED STROBE LIGHTS		
11.3.2	MOUNTING: ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.3.3	CONTROL UNIT: SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.3.4	CONTROL SWITCH: A SINGLE SWITCH THAT CONTROLS THE STROBE LIGHTS SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. SHALL BE CLEARLY LABELED: STROBE LIGHTS		
11.3.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.4	REAR SPOILER TRAFFIC WARNING LIGHTS		
11.4.1	TYPE: INSTALL CODE 3 CITADEL LED LIGHTS w/ RED/WHITE CONFIGURATION, THREE (3) PART # XTR4RR-CT & THREE (3) PART # XTR4WW-CT OR WMATA APPROVED EQUAL. MUST HAVE ARROWSTIK FUNCTIONALITY		
11.4.2	MOUNTING: PERMANENTLY MOUNTED ON THE EXTERIOR NEAR THE TOP OF REAR CARGO DOOR WINDOW, UNDER SPOILER w/ CITADEL PART # CITADEL-EXI OR WMATA APPROVED EQUAL MOUNTING BRACKET. LIGHTS SHALL NOT INTERFERE WITH REAR DOOR OPERATION. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION		
11.4.3	CONTROL UNIT: SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.4.4	CONTROL SWITCH: A SINGLE SWITCH THAT CONTROLS THE REAR WINDOW LIGHT SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. SHALL BE CLEARLY LABELED: TRAFFIC WARNING LIGHTS		
11.4.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5	MASTER POWER SWITCH		
11.5.1	CONTROL SWITCH: A SINGLE SWITCH THAT CONTROLS POWER TO ALL AFTERMARKET LIGHTS SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. SHALL BE CLEARLY LABELED: MASTER LIGHT POWER		
11.6	CENTER CONSOLE		
11.6.1	TYPE: HAVIS OR WMATA APPROVED EQUAL		
11.6.2	CONSOLE: C-VS-1308-INUT OR WMATA APPROVED EQUAL		
11.6.3	ACCESSORY PLATE: C-LP-2 OR WMATA APPROVED EQUAL, w/ TWO 12V OUTLET PLUGS		
11.6.4	DUAL CUP HOLDER: C-CUP2-I OR WMATA APPROVED EQUAL		
11.6.5	ARM REST: C-ARM-103 OR WMATA APPROVED EQUAL w/ LARGE REST PAD		
11.6.6	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.7.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.7.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.7.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.7.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.7.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.7.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.7.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
SECTION 12: BODY			
12.1	STANDARD FOR VEHICLE SPECIFIED		
12.2	BADGE DELETE: ALL POLICE INTERCEPTOR BADGING SHALL BE REMOVED FROM EXTERIOR		

SECTION 13: ADDITIONAL SPECIFICATIONS		
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION	
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY	
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)		
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION	
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES	
14.3	POWERTRAIN, OEM FACTORY: FIVE (5) YEARS/ 100,000 MILES	

FY-18 VEHICLE PURCHASE

ITEM 4

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PASSENGER TRUCK, MID-SIZE
FOR SOM'S

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:**
 1.1.1 UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED BY STREET OPERATIONS MANAGERS (SOM) TO MANAGE BUS OPERATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD INTERCEPTOR UTILITY OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR MID-SIZE SPORT UTILITY VEHICLE		
2.4	DRIVE TYPE	AUTOMATIC FULL TIME ALL WHEEL DRIVE (AWD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

SECTION 3: POWERTRAIN

3.1	ENGINE	3.7L V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	18.0 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		

SECTION 4: STARTING & CHARGING SYSTEMS

4.1	BATTERY: MAINTENANCE-FREE			
4.1.1	TYPE & COLD CRANKING AMPS: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE			
4.1.3	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING			
4.2	ALTERNATOR:			
4.2.1	TYPE & OUTPUT AMPERAGE: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			

SECTION 5: WEIGHT RATINGS

5.1	STANDARD FOR VEHICLE SPECIFIED			
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SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	INDEPENDENT	
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.4	WHEELS	SILVER PAINTED ALUMINUM. WHEEL COVERS ARE UNACCEPTABLE	
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.6	STEERING	POWER ASSISTED	
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	EXTERIOR:		
7.1.1	WHEEL BASE	112.0", 114.0" MAX	
7.1.2	OVERALL LENGTH	197.0", 200.0" MAX	
7.1.3	WIDTH, EXCLUDING MIRRORS	78.0", 80.0" MAX	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	HEAVY-DUTY CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	DOVE LIGHT(S)	WHITE, ONE (1) PER ROW OF SEATING	
8.5	CARGO AREA LIGHT(S)	WHITE, ONE (1)	
8.6	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.7	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.8	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.9	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.11	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.12	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.13	DOOR LOCK PLUNGER	MUST BE VISIBLE & OPERABLE	
8.14	REAR DOOR HANDLES & LOCKS	MUST BE OPERABLE	
8.15	KEYS	MUST BE UNIQUE TO EACH VEHICLE. NO FLEET KEY	
8.16	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.17	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.18	GLASS		
8.18.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.18.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.19	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	
8.20	SHIFTER	TRANSMISSION SHIFTER MUST BE ON STEERING COLUMN. CENTER CONSOLE MOUNTED SHIFTER IS UNACCEPTABLE	

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIRBAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.10	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER			
11.0	FLEETWATCH GP55 SYSTEM:		
11.0.1	COMPONENT MOUNTING:	MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION	
11.0.2	READER:	MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR	
11.0.3	MODULE:	SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED	
11.0.4	ANTENNA (SMALL GPS MODULE):	SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA	
11.0.5	SYSTEM GROUND:	MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND	
11.0.6	BATTERY POWER:	MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)	

11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	CHEVRON DESIGN REFLECTIVE DECALING		
11.1.1	SCOPE: BIDDER SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
11.1.2	DESIGN: BIDDER MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
11.1.3	MATERIALS (TWO INCH): 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, TWO (2) INCH WIDTH, ITEM NUMBER 983232.00, PART NUMBER 75030161832. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, TWO (2) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680852.00		
11.1.4	INSTALLATION: BIDDER SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
11.1.5	VEHICLE PREPARATION: VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
11.1.6	WARRANTY: BIDDER SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE.		
11.2	AC VOLTAGE POWER OUTLET		
11.2.1	OEM FACTORY INSTALLED 110 VOLT POWER OUTLET SHALL BE MOUNTED ON CENTER CONSOLE. IF OEM FACTORY INSTALLED OUTLET IS NOT AVAILABLE THE BIDDER SHALL PROVIDE MINIMUM 3,000 WATT POWER INVERTER. BIDDER SHALL PROVIDE & INSTALL ALL SYSTEM COMPONENTS, MOUNTING BRACKETS, HARDWARE, PROPER WIRING & CIRCUIT PROTECTION. SYSTEM SHALL BE CAPABLE OF POWERING A LAPTOP COMPUTER		
11.3	LED STROBE LIGHTS		
11.3.1	TYPE: INSTALL FOUR (4) CODE 3 PART # HB6PAK-AW OR WMATA APPROVED EQUAL HIDDEN AMBER & WHITE LED STROBE LIGHTS		
11.3.2	MOUNTING: ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.3.3	CONTROL UNIT: SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.3.4	CONTROL SWITCH: A SINGLE SWITCH THAT CONTROLS THE STROBE LIGHTS SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. SHALL BE CLEARLY LABELED: STROBE LIGHTS		
11.3.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.4	REAR SPOILER TRAFFIC WARNING LIGHTS		
11.4.1	TYPE: INSTALL CODE 3 CITADEL LED LIGHT SYSTEM w/ ALL AMBER CONFIGURATION (SIX (6) XT4AA-CT LIGHTEHEADS) OR WMATA APPROVED EQUAL. MUST HAVE ARROWSTIK FUNCTIONALITY		
11.4.2	MOUNTING: PERMANENTLY MOUNTED ON THE EXTERIOR NEAR THE TOP OF REAR CARGO DOOR WINDOW, UNDER SPOILER w/ CITADEL PART # CITADEL-EXI OR WMATA APPROVED EQUAL MOUNTING BRACKET. LIGHTS SHALL NOT INTERFERE WITH REAR DOOR OPERATION. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION		
11.4.3	CONTROL UNIT: SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.4.4	CONTROL SWITCH: A SINGLE SWITCH THAT CONTROLS THE REAR WINDOW LIGHT SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. SHALL BE CLEARLY LABELED: TRAFFIC WARNING LIGHTS		
11.4.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5	MASTER POWER SWITCH		
11.5.1	CONTROL SWITCH: A SINGLE SWITCH THAT CONTROLS POWER TO ALL AFTERMARKET LIGHTS SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. SHALL BE CLEARLY LABELED: MASTER LIGHT POWER		
11.6	CENTER CONSOLE		
11.6.1	TYPE: HAVIS OR WMATA APPROVED EQUAL		
11.6.2	CONSOLE: C-VS-1308-INUT OR WMATA APPROVED EQUAL		
11.6.3	ACCESSORY PLATE: C-LP-2 OR WMATA APPROVED EQUAL, w/ TWO 12V OUTLET PLUGS		
11.6.4	DUAL CUP HOLDER: C-CUP2-I OR WMATA APPROVED EQUAL		
11.6.5	ARM REST: C-ARM-103 OR WMATA APPROVED EQUAL w/ LARGE REST PAD		
11.6.6	TELESCOPING POLE: C-HDM-204 OR WMATA APPROVED EQUAL, HEAVY DUTY, 8.5"		
11.6.7	PLATFORM: C-HDM-303 OR WMATA APPROVED EQUAL, 6" HEAVY DUTY OFFSET PLATFORM		
11.6.8	ADAPTER: C-MD-204 OR WMATA APPROVED EQUAL, TILT/SWIVEL ADAPTER		
11.6.9	COMPUTER DOCKING STATION: FOR DELL TOUGH BOOK		
11.7	TWO-WAY RADIO VEHICULAR TRAVEL CHARGER		
11.7.1	TYPE: MOTOROLA APEX OR WMATA APPROVED EQUAL RAPID CHARGER		
11.7.2	MOUNTING: ON CENTER CONSOLE		
11.7.3	CHARGER SHALL ALLOW RADIO TO BE USED WHILE CHARGING		
11.8	CARGO AREA TRAY		
11.8.1	TYPE: HEAVY DUTY TRAY WITH SIDES		
11.8.2	MOUNTED IN REAR CARGO AREA. TRAY SHALL COVER ENTIRE CARGO AREA		
11.9	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.9.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.9.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.9.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.9.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.9.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.9.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.9.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		

SECTION 12: BODY		
12.1	STANDARD FOR VEHICLE SPECIFIED	
12.2	BADGE DELETE: ALL POLICE INTERCEPTOR BADGING SHALL BE REMOVED FROM EXTERIOR	
SECTION 13: ADDITIONAL SPECIFICATIONS		
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION	
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY	
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)		
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION	
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES	
14.3	POWERTRAIN, OEM FACTORY: FIVE (5) YEARS/ 100,000 MILES	

FY-18 VEHICLE PURCHASE

ITEM 5

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PASSENGER TRUCK, FULL-SIZE

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	CHEVROLET SUBURBAN, FORD EXPEDITION EL OR WMATA APPROVED EQUAL
2.3	BODY/ CAB STYLE	FOUR (4) DOOR FULL-SIZE SPORT UTILITY VEHICLE
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)
2.5	VEHICLE PAINT COLOR	SOLID WHITE
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	

SECTION 3: POWERTRAIN

3.1	ENGINE	3.5L V6 TURBOCHARGED OR V8
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 31 GALLONS
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)

SECTION 4: STARTING & CHARGING SYSTEMS

4.1	STANDARD FOR VEHICLE SPECIFIED	
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SECTION 5: WEIGHT RATINGS

5.1	GVWR	7,500 LBS.
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SECTION 6: CHASSIS

6.1	SUSPENSION, FRONT	INDEPENDENT
6.2	SUSPENSION, REAR	INDEPENDENT
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS
6.4	WHEELS	GRAY OR SILVER, STEEL WHEELS
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE
6.6	STEERING	POWER ASSISTED
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)

SECTION 7: DIMENSIONS

7.1	WHEEL BASE	130.0"
7.2	OVERALL LENGTH	221.0"

SECTION 8: INTERIOR

8.1	PASSENGER CAPACITY/ CONFIGURATION	EIGHT (8)/ 2-3-3		
8.2	SEATING			
8.2.1	MATERIAL	HEAVY DUTY VINYL		
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE		
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS		
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING		
8.5	CARGO AREA LIGHT(S)	ONE (1)		
8.6	AUXILIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS		
8.7	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.8	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.9	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.10	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS		
8.11	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING		
8.12	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.13	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.14	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS		
8.15	GLASS			
8.15.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED		
8.15.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS		
8.16	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER, FRONT		
10.1.2		DRIVER & PASSENGER, SIDE IMPACT		
10.1.3		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		RETRACTABLE		
10.2.2		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				

11.0	FLEETWATCH GP55 SYSTEM:		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR		
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
11.2	STEPS		
11.2.1	TYPE: N-FAB BRAND OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	DESCRIPTION: DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS WILL NOT BE ACCEPTED		
11.2.3	STEP QTY: SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	MATERIAL: STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	COATING: TEXTURED BLACK POWDER COAT FINISH		
11.2.6	MOUNTING: BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. BIDDER SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		

11.2.7 WARRANTY: LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH

SECTION 12: BODY

12.1 STANDARD FOR VEHICLE SPECIFIED

SECTION 13: ADDITIONAL SPECIFICATIONS

13.1 NA

SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)

14.1 WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION

14.2 BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES

14.3 POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES

PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)

NERF BAR w/ INTEGRATED STEPS



FY-18 VEHICLE PURCHASE

ITEM 6

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

CARGO VAN, FULL-SIZE .5 TON

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD TRANSIT 150 OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE			
2.6.1		FULL SIZE CARGO VAN		
2.6.2		LOW ROOF		
2.6.3		SWING OUT CURB-SIDE & REAR DOORS		
2.6.4		SOLID PANELS (NO GLASS) ON CURB-SIDE & REAR DOORS		
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), REAR WHEEL (SRW)	SINGLE	
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

SECTION 3: POWERTRAIN

3.1	ENGINE	3.5L V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 25 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		

SECTION 4: STARTING & CHARGING SYSTEMS

4.1	BATTERY: STANDARD FOR VEHICLE SPECIFIED			
4.1.1	TYPE & MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE			
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING			
4.2	ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED			

SECTION 5: WEIGHT RATINGS

5.1	FRONT GAWR	4,130 LBS.		
5.2	REAR GAWR	5,070 LBS.		
5.3	GVWR	8,600 LBS.		

SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	LEAF SPRINGS	
6.3	REAR AXLE	LIMITED SLIP	
6.4	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	WHEELS	GRAY OR SILVER, STEEL WHEELS	
6.6	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.7	STEERING	POWER ASSISTED	
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	147.0"	
7.2	OVERALL LENGTH	238.0" MAX	
7.3	HEIGHT (INCHES)	84.0" MAX ROOF HEIGHT	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY	TWO (2)	
8.2	SEATING		
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS	
8.2.2	MATERIAL	HEAVY DUTY VINYL	
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE DRIVER & PASSENGER FLOOR AREA	
8.4	CARGO FLOOR COVERING	SPRAY-IN HEAVY DUTY FLOOR LINER	
8.5	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING	
8.6	CARGO AREA LIGHT(S)	FOUR (4) OEM FACTORY INSTALLED LED DOME LIGHTS OR WMATA APPROVED EQUAL	
8.6.1	IF OEM LIGHTS ARE NOT AVAILABLE SEE BELOW FOR AFTERMARKET LIGHT REQUIREMENTS		
8.6.1.1	TYPE: THREE (3) GROTE PART # 61171 LED DOME LIGHTS OR WMATA APPROVED EQUAL SHALL BE HARDWIRED IN THE VEHICLE'S ELECTRICAL SYSTEM		
8.6.1.2	MOUNTING: CENTERED ON ROOF (SIDE TO SIDE), EVENLY SPACED FROM FRONT TO REAR		
8.6.1.3	CONTROL SWITCH: SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: CARGO LIGHTS		
8.6.1.4	POWER INDICATOR: SHALL BE EQUIPPED w/ A WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN POWER TO THE LIGHTS IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: CARGO LIGHT POWER		
8.6.1.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHERS	

8.16	CARGO SECUREMENT	SIX (6) FACTORY INSTALLED OR WMATA APPROVED EQUAL TIE-DOWN RINGS MOUNTED IN CARGO AREA LOWER SIDEWALLS OR FLOOR		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		SHORT ARM		
9.2.4		INTEGRATED BLIND SPOT MIRRORS		
9.3	GRILL	BLACK, GRAY OR BODY COLOR		
9.4	FRONT BUMPER	BLACK		
9.5	REAR BUMPER	BLACK w/ INTEGRATED STEP		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER FRONT		
10.1.2		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				
11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	COMPONENT MOUNTING:	MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER:	MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE		
11.0.3	MODULE:	SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	ANTENNA (SMALL GPS MODULE):	SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND:	MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		

11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	ALL CONNECTIONS: MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
11.2	GENERAL STORAGE PACKAGE		
11.2.1	TYPE: WEATHERGUARD, ADRIAN STEEL OR WMATA APPROVED EQUAL INTERIOR CARGO AREA STORAGE PACKAGE DESIGNED TO PROPERLY FIT PROPOSED VEHICLE		
11.2.2	CONTENTS:		
11.2.2.1	PARTITION w/ DOOR BETWEEN PASSENGER COMPARTMENT & CARGO AREA		
11.2.2.2	PARTITION MUST BE INSTALLED TO ALLOW UNRESTRICTED FULL MOVEMENT OF THE DRIVER'S & PASSENGER'S SEAT TO ALL POSITIONS		
11.2.2.3	SHELVING, DRAWERS & CABINETS w/ LOCKING DOORS		
11.2.2.4	MATERIAL SHALL BE STEEL		
SECTION 12: BODY			
12.1	STANDARD FOR VEHICLE SPECIFIED		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

FY-18 VEHICLE PURCHASE

ITEM 7

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PICKUP TRUCK, MID-SIZE, CREW CAB

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THIS VEHICLE WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A		B	
	SPECIFICATION		MEETS SPEC	

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET COLORADO, GMC CANYON OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR CAB/ SHORT PICKUP BOX		
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	CONTRACTOR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

SECTION 3: POWERTRAIN

3.1	ENGINE	V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	21 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)		

SECTION 4: STARTING & CHARGING SYSTEMS

4.1	STANDARD FOR VEHICLE SPECIFIED			
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SECTION 5: WEIGHT RATINGS

5.1	FRONT GAWR	3,200 LBS.		
5.2	REAR GAWR	3,500 LBS.		
5.3	GVWR	5,800 LBS.		

SECTION 6: CHASSIS

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	LEAF SPRINGS		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	STANDARD FOR VEHICLE SPECIFIED		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	129.00" MAX	
7.2	BED LENGTH @ FLOOR	60.00", MAX 66.00"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	MATERIAL	HEAVY DUTY VINYL	
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	DOME LIGHT(S)	ONE (1) PER ROW OF SEATING	
8.5	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.6	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.7	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.8	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.9	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.10	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.11	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.12	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.13	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHER	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.3	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR	
9.4	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.5	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.6	REAR BUMPER	STEP TYPE	
9.7	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
9.8	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED	
9.9	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED	
9.10	LOCKING TAILGATE	OEM FACTORY INSTALLED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	

10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY CONTRACTOR				
11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE CONTRACTOR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	READER: MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE			
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)			
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)			
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS			
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)			
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE			
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED			
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED			
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS			

11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
11.2	STEPS		
11.2.1	TYPE: N-FAB BRAND OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	DESCRIPTION: DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	STEP QTY: SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	MATERIAL: STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	COATING: TEXTURED BLACK POWDER COAT FINISH		
11.2.6	MOUNTING: BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. CONTRACTOR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	WARRANTY: LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.3	BEDLINER: TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
11.4	CAB GUARD (AKA: HEADACHE RACK): INSTALL WEATHERGUARD MODEL OR WMATA APPROVED EQUAL. SHALL BE MOUNTED ON BED RAILS		
SECTION 12: BODY			
12.1	STANDARD PICKUP BOX		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	NA		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)

NERF BAR w/ INTEGRATED STEPS



FY-18 VEHICLE PURCHASE

ITEM 8

LIGHT DUTY
SERVICE VEHICLE SPECIFICATION

PICKUP TRUCK, 1.0 TON, EXTENDED CAB
w/ SNOW PLOW, TAILGATE SPREADER & LIFT GATE

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET SILVERADO 3500HD, GMC SIERRA 3500HD, FORD F-350 OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR EXTENDED OR SUPER CAB/ EIGHT (8) FT. PICKUP BOX		
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			
2.7	SNOW PLOW PREP PACKAGE	MUST BE OEM FACTORY INSTALLED		

SECTION 3: POWERTRAIN

3.1	ENGINE	V8		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 34 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER		
3.6	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)		

SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS

4.1	BATTERY: MAINTENANCE-FREE			
4.1.1	COLD CRANKING AMPS: MIN. 650 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING			

4.2	ALTERNATOR: HEAVY-DUTY			
4.2.1	OUTPUT AMPERAGE: MIN. 200A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR(S) THEY ARE OFFERING			
SECTION 5: WEIGHT RATINGS				
5.1	FRONT GAWR	6,000 LBS.		
5.2	REAR GAWR	6,700 LBS.		
5.3	GVWR	11,200 LBS.		
5.4	TRAILERING CAPACITY	15,000 LBS.		
5.5	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
SECTION 6: CHASSIS				
6.1	SUSPENSION, FRONT	STANDARD FOR VEHICLE SPECIFIED		
6.2	SUSPENSION, REAR	LEAF SPRINGS		
6.3	REAR DIFFERENTIAL	HEAVY DUTY, LOCKING		
6.4	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.5	WHEELS	GRAY OR SILVER, STEEL WHEELS		
6.6	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.7	STEERING	POWER ASSISTED		
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
SECTION 7: DIMENSIONS				
7.1	WHEEL BASE	158.0"		
7.2	BED LENGTH @ FLOOR	96.0"		
SECTION 8: INTERIOR				
8.1	PASSENGER CAPACITY/CONFIGURATION	SIX (6)/ 3-3		
8.2	SEATING			
8.2.1	MATERIAL	HEAVY DUTY VINYL		
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE		
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS		
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING		
8.5	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS		
8.6	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING		
8.11	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	UPFITTER SWITCHES	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		

9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		EXTENDABLE TOW TYPE		
9.2.4		INTEGRATED BLIND SPOT MIRRORS		
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK		
9.4	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR		
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR		
9.6	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR		
9.7	REAR BUMPER	STEP TYPE		
9.8	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED		
9.9	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED		
9.10	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED		
9.11	LOCKING TAILGATE	OEM FACTORY INSTALLED		
9.12	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER		
9.13	UNDERBODY SHIELD(S)	TRANSFER CASE & FUEL TANK		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER, FRONT		
10.1.2		DRIVER & PASSENGER, SIDE IMPACT		
10.1.3		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				
11.0	FLEETWATCH GP55 SYSTEM			
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	READER: MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE			
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			

11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
11.2	STEPS		
11.2.1	TYPE: N-FAB BRAND OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	DESCRIPTION: DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	STEP QTY: SHALL HAVE THREE (3) STEPS ON EACH BAR		
11.2.4	MATERIAL: STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	COATING: TEXTURED BLACK POWDER COAT FINISH		
11.2.6	MOUNTING: BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. BIDDER SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	WARRANTY: LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.3	BEDLINER: TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECCOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
11.4	CAB GUARD (AKA: HEADACHE RACK): INSTALL WEATHERGUARD MODEL OR WMATA APPROVED EQUAL. SHALL BE MOUNTED ON BED RAILS		

11.5	TRAILER TOWING PACKAGE		
11.5.1	RECEIVER: OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.5.2	COMBINATION HITCH: COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.5.3	PINTLE MOUNT: BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.5.4	TRAILER CONNECTOR(S): OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.5.5	BRAKE CONTROL: OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.5.6	LIFTGATE TOWING PROVISION: MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFT GATE		
11.6	LED STROBE LIGHTS		
11.6.1	TYPE: BUYERS PRODUCTS OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.6.2	MOUNTING (FRONT): ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.3	MOUNTING (REAR): ONE (1) LIGHT MOUNTED IN THE CLEAR OR WHITE LENS SECTION OF EACH REAR LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.4	CONTROL SWITCH: ALL LIGHTS SHALL BE OPERATED FROM A COMMON OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBE LIGHTS		
11.6.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	LED MINI LIGHT BAR		
11.7.1	TYPE: ECCO MODEL 5580A, REFLEX, 12-24 VDC, 8 HEAD, AMBER DOME LIGHT. LIGHT DIMENSIONS: 15" x 9" x 2-1/2" OR WMATA APPROVED EQUAL		
11.7.2	MOUNTING: LIGHT BAR SHALL BE MOUNTED ON AN ACARI PRODUCTS OR WMATA APPROVED EQUAL DRILL-FREE ROOFTOP MOUNTING PLATFORM. PLATFORM MOUNTS WHERE OE HIGH MOUNT STOP LAMP IS INSTALLED. HMSL MUST BE REINSTALLED IN MOUNTING BRACKET. NO HOLES SHALL BE DRILLED IN CAB ROOF. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & RELATED COMPONENTS		
11.7.3	CONTROL SWITCH: SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.7.4	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8	SNOW PLOW		
11.8.1	TYPE: BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.8.2	MOUNTING SYSTEM: ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.8.3	BLADE WIDTH: 90" MAXIMUM WIDTH		
11.8.4	PLOWING WIDTH: 78" MAXIMUM WIDTH @ FULL ANGLE		
11.8.5	BLADE HEIGHT: 31.5" MAXIMUM HEIGHT		
11.8.6	MOLDBOARD: 3/8" POLYETHYLENE		
11.8.7	PLOW SHOES: CAST IRON		
11.8.8	TRIP: FULL TRIP, THREE (3) TRIP SPRINGS		
11.8.9	ANGLE CYLINDERS: 1-1/2" x 10"		

11.8.10	CUTTING EDGE: ½" x 6" HIGH CARBON STEEL		
11.8.11	CONTROLS: BOSS HAND HELD CONTROLLER OR WMATA APPROVED EQUAL. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.12	DEFLECTOR: FULL WIDTH RUBBER SNOW DEFLECTOR		
11.8.13	MARKERS: SNOW PLOW MARKERS ON BOTH SIDES		
11.8.14	PLOW LIGHTS: LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.8.15	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.16	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.17	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.18	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.9	SALT & SAND SPREADER		
11.9.1	TAILGATE SPREADER: BOSS TGS1100 OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.9.2	HOPPER DESIGN: LOW-PROFILE		
11.9.3	HOPPER CONSTRUCTION: POLYETHYLENE		
11.9.4	HOPPER CAPACITY: 11 CU. FT./ 800 LB.		
11.9.5	HOPPER DIMENSIONS: 34"H x 44"W X 24"D		
11.9.6	HOPPER COVER: SOLID POLY		
11.9.7	FEED MECHANISM: INTERNAL AUGER w/ CABLE LINK AGITATOR & ADJUSTABLE FEED GATE		
11.9.8	VIBRATOR KIT: SHALL BE EQUIPPED w/ VIBRATOR TO IMPROVE MATERIAL FLOW		
11.9.9	TOP SCREEN: w/ BAG OPENER		
11.9.10	MOTOR: HIGH TORQUE/ 12 VOLT DC, SEALED & ENCLOSED		
11.9.11	SPINNER: 12" POLY		
11.9.12	SPREAD WIDTH: 4-30 FEET		
11.9.13	MATERIAL DEFLECTOR: ADJUSTABLE POLY		
11.9.14	CONTROL: VARIABLE SPEED CONTROL w/ BLAST FEATURE & OVERLOAD PROTECTION. WMATA MUST APPROVE INSTALLATION LOCATION		
11.9.15	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.9.16	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.9.17	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.9.18	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.10	LIFT GATE		
11.10.1	MODEL: THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.10.2	CAPACITY: 1,500 LBS		
11.10.3	OPERATION: ELECTRIC BATTERY		
11.10.4	CONTROLS ON LIFT GATE: SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.10.5	MASTER POWER SWITCH (IN CAB): SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.10.6	POWER INDICATOR: SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.10.7	PLATFORM DIMENSIONS: APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		

11.10.8	MOUNTING STANDARDS: LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.10.9	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.10.10	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.10.11	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.10.12	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.11	CHEVRON DESIGN REFLECTIVE DECALING		
11.11.1	SCOPE: BIDDER SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
11.11.2	DESIGN: BIDDER MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
11.11.3	MATERIALS (TWO INCH): 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, TWO (2) INCH WIDTH, ITEM NUMBER 983232.00, PART NUMBER 75030161832. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, TWO (2) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680852.00		
11.11.4	INSTALLATION: BIDDER SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
11.11.5	VEHICLE PREPARATION: VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
11.11.6	WARRANTY: BIDDER SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		
SECTION 12: BODY			
12.1	PICKUP BOX: EIGHT (8) FT. LENGTH		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTORS(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

PLOW



TAILGATE SPREADER



NERF BAR w/ INTEGRATED STEPS



LIGHT BAR MOUNT



CHEVRON PATTERN ON LIFT GATE



FY-18 VEHICLE PURCHASE

ITEM 9

**LIGHT DUTY
SERVICE VEHICLE SPECIFICATION**

PICKUP TRUCK, 1.0 TON, CREW CAB

9A: w/ LIFT GATE

9B: w/ SNOW PLOW & SPREADER

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	CHEVROLET SILVERADO 3500HD, GMC SIERRA 3500HD, FORD F-350 OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE	FOUR (4) DOOR CAB/ EIGHT (8) FT. PICKUP BOX	
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		
2.7	SNOW PLOW PREP PACKAGE	MUST BE OEM FACTORY INSTALLED	

SECTION 3: POWERTRAIN

3.1	ENGINE	V8	
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION	
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 48 GALLONS	
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC	
3.5	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER	
3.6	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)	

SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	COLD CRANKING AMPS: MIN. 650 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	

4.2	ALTERNATOR: HEAVY-DUTY			
4.2.1	OUTPUT AMPERAGE: MIN. 200A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR(S) THEY ARE OFFERING			
SECTION 5: WEIGHT RATINGS				
5.1	FRONT GAWR	6,000 LBS.		
5.2	REAR GAWR	6,700 LBS.		
5.3	GVWR	11,300 LBS.		
5.4	MAXIMUM TRAILERING CAPACITY	15,000 LBS.		
5.5	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
SECTION 6: CHASSIS				
6.1	SUSPENSION, FRONT	STANDARD FOR VEHICLE SPECIFIED		
6.2	SUSPENSION, REAR	LEAF SPRINGS		
6.3	REAR DIFFERENTIAL	HEAVY DUTY, LOCKING		
6.4	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.5	WHEELS	GRAY OR SILVER, STEEL WHEELS		
6.6	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.7	STEERING	POWER ASSISTED		
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
SECTION 7: DIMENSIONS				
7.1	WHEEL BASE	167.0"		
7.2	BED LENGTH @ FLOOR	96.0"		
SECTION 8: INTERIOR				
8.1	PASSENGER CAPACITY/CONFIGURATION	SIX (6)/ 3-3		
8.2	SEATING			
8.2.1	MATERIAL	HEAVY DUTY VINYL		
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE		
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS		
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING		
8.5	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS		
8.6	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING		
8.11	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	UPFITTER SWITCHES	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR	
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.6	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.7	REAR BUMPER	STEP TYPE	
9.8	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
9.9	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED	
9.10	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED	
9.11	LOCKING TAILGATE	OEM FACTORY INSTALLED	
9.12	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER	
9.13	UNDERBODY SHIELD(S)	TRANSFER CASE & FUEL TANK	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER			
11.0	FLEETWATCH GP55 SYSTEM		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		

11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
11.2	STEPS		
11.2.1	TYPE: N-FAB BRAND OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	DESCRIPTION: DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	STEP QTY: SHALL HAVE THREE (3) STEPS ON EACH BAR		
11.2.4	MATERIAL: STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	COATING: TEXTURED BLACK POWDER COAT FINISH		
11.2.6	MOUNTING: BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. BIDDER SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	WARRANTY: LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		

11.3	BEDLINER: TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
11.4	CAB GUARD (AKA: HEADACHE RACK): INSTALL WEATHERGUARD MODEL OR WMATA APPROVED EQUAL. SHALL BE MOUNTED ON BED RAILS		
11.5	TRAILER TOWING PACKAGE		
11.5.1	RECEIVER: OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.5.2	COMBINATION HITCH: COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.5.3	PINTLE MOUNT: BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.5.4	TRAILER CONNECTOR(S): OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.5.5	BRAKE CONTROL: OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.5.6	LIFTGATE TOWING PROVISION: MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFT GATE		
11.6	LED STROBE LIGHTS		
11.6.1	TYPE: BUYERS PRODUCTS OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.6.2	MOUNTING (FRONT): ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.3	MOUNTING (REAR): ONE (1) LIGHT MOUNTED IN THE CLEAR OR WHITE LENS SECTION OF EACH REAR LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.4	CONTROL SWITCH: ALL LIGHTS SHALL BE OPERATED FROM A COMMON OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBE LIGHTS		
11.6.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	LIFT GATE (ITEM 9A ONLY)		
11.7.1	MODEL: THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.7.2	CAPACITY: 1,500 LBS		
11.7.3	OPERATION: ELECTRIC BATTERY		
11.7.4	CONTROLS ON LIFT GATE: SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.7.5	MASTER POWER SWITCH (IN CAB): SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.7.6	POWER INDICATOR: SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.7.7	PLATFORM DIMENSIONS: APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		

11.7.8	MOUNTING STANDARDS: LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.7.9	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7.10	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.7.11	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.7.12	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.8	SNOW PLOW (ITEM 9B ONLY)		
11.8.1	TYPE: BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.8.2	MOUNTING SYSTEM: ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.8.3	BLADE WIDTH: 90" MAXIMUM WIDTH		
11.8.4	PLOWING WIDTH: 78" MAXIMUM WIDTH @ FULL ANGLE		
11.8.5	BLADE HEIGHT: 31.5" MAXIMUM HEIGHT		
11.8.6	MOLDBOARD: 3/8" POLYETHYLENE		
11.8.7	PLOW SHOES: CAST IRON		
11.8.8	TRIP: FULL TRIP, THREE (3) TRIP SPRINGS		
11.8.9	ANGLE CYLINDERS: 1-1/2" x 10"		
11.8.10	CUTTING EDGE: 1/2" x 6" HIGH CARBON STEEL		
11.8.11	CONTROLS: BOSS HAND HELD CONTROLLER OR WMATA APPROVED EQUAL. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.12	DEFLECTOR: FULL WIDTH RUBBER SNOW DEFLECTOR		
11.8.13	MARKERS: SNOW PLOW MARKERS ON BOTH SIDES		
11.8.14	PLOW LIGHTS: LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.8.15	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.16	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.17	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.18	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.9	SALT & SAND SPREADER (ITEM 9B ONLY)		
11.9.1	MODEL: BOSS VBX8000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.9.2	HOPPER CONSTRUCTION: 3/16" DOUBLE WALL POLYETHYLENE		
11.9.3	CAPACITY: TWO (2) YARDS		
11.9.4	HOPPER DIMENSIONS: LENGTH: 96", OVERALL LENGTH: 115", HEIGHT: 38", WIDTH: 48"		
11.9.5	SPREADING WIDTH: 2-40 FT.		
11.9.6	FEED RATE: 2.3 CU. FT. PER MINUTE		
11.9.7	POWER: ELECTRIC MOTOR		
11.9.8	FEED MOTOR: 1/2 HP STAINLESS STEEL		
11.9.9	GEARBOX: PLANETARY GEARBOX		
11.9.10	SPINNER GEARMOTOR: 1/8 HP		
11.9.11	SPINNER: FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		
11.9.12	VIBRATORS: VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		

11.9.13	TROUGH: STAINLESS STEEL		
11.9.14	WORK LIGHT(S): MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		
11.9.15	BRAKE LIGHT: SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		
11.9.16	TOP GRATE SCREEN: HEAVY DUTY ONE PIECE SCREEN		
11.9.17	LIFT POINT: SHALL HAVE A SINGLE LIFT POINT		
11.9.18	CONTROLS: CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.9.19	CONTROLS CONNECTOR & POWER SUPPLY: THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRE CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.9.20	SECUREMENT: SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		
11.9.15	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.9.21	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.9.22	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.9.23	WARRANTY: TWO (2) YEAR PARTS AND LABOR		
11.10	CHEVRON DESIGN REFLECTIVE DECALING		
11.10.1	SCOPE: BIDDER SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
11.10.2	DESIGN: BIDDER MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
11.10.3	MATERIALS (TWO INCH): 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, TWO (2) INCH WIDTH, ITEM NUMBER 983232.00, PART NUMBER 75030161832. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, TWO (2) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680852.00		
11.10.4	INSTALLATION: BIDDER SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		

11.10.5	VEHICLE PREPARATION: VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
11.10.6	WARRANTY: BIDDER SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		

SECTION 12: BODY

12.1	PICKUP BOX: EIGHT (8) FT. LENGTH		
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SECTION 13: ADDITIONAL SPECIFICATIONS

13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
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13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
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SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)

14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)

CHEVRON PATTERN ON LIFT GATE



NERF BAR w/ INTEGRATED STEPS



FY-18 VEHICLE PURCHASE

ITEM 10

**MEDIUM DUTY
SERVICE VEHICLE SPECIFICATION**

UTILITY TRUCK, 1.5 TON

10A: REGULAR CAB w/ 11 FT. ENCLOSED BODY

10B: CREW CAB, 4WD w/ 9 FT. OPEN BODY

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD F-450 OR WMATA APPROVED EQUAL		
2.3	ITEM 10A			
2.3.1	CAB/ BODY	TWO (2) DOOR CAB/ ENCLOSED UTILITY BODY		
2.3.2	DRIVE TYPE	REAR WHEEL DRIVE (RWD), DUAL REAR WHEELS (DRW)		
2.4	ITEM 10B			
2.4.1	CAB/ BODY	FOUR (4) DOOR CAB/ OPEN UTILITY BODY		
2.4.2	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), DUAL REAR WHEELS (DRW)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

SECTION 3: POWERTRAIN

3.1	ENGINE	V10, 6.8L/ 415		
3.2	ENGINE SAE NET HORSEPOWER	288 @ 4,000 RPM		
3.3	ENGINE SAE NET TORQUE	424 @ 3,000 RPM		
3.4	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 40 GALLONS		
3.6	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.7	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER		
3.8	FOUR WHEEL DRIVE SYSTEM (ITEM 10B ONLY)	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)		

SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS

4.1	BATTERY: MAINTENANCE-FREE			
4.1.1	COLD CRANKING AMPS: MIN. 750 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING			

4.2	ALTERNATOR: HEAVY-DUTY			
4.2.1	OUTPUT AMPERAGE: MIN. 240A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			
SECTION 5: WEIGHT RATINGS				
5.1	ITEM 10A			
5.1.1	FRONT GAWR	5,200 LBS.		
5.1.2	REAR GAWR	12,000 LBS.		
5.1.3	GVWR	16,000 LBS.		
5.1.4	TRAILERING CAPACITY	17,500 LBS.		
5.2	ITEM 10B			
5.2.1	FRONT GAWR	5,200 LBS.		
5.2.2	REAR GAWR	12,000 LBS.		
5.2.3	GVWR	16,500 LBS.		
5.2.4	TRAILERING CAPACITY	17,500 LBS.		
5.3	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
SECTION 6: CHASSIS				
6.1	SUSPENSION, FRONT	TWIN-COIL MONOBEAM		
6.2	SUSPENSION, REAR	SOLID AXLE w/ LEAF SPRINGS		
6.3	REAR AXLE	LIMITED SLIP		
6.4	TIRES, FRONT	225/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS		
6.5	TIRES, REAR	225/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS		
6.6	WHEELS	GRAY OR SILVER, STEEL WHEELS		
6.7	STEERING	POWER ASSISTED		
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
SECTION 7: DIMENSIONS				
7.1	ITEM 10A			
7.1.1	WHEEL BASE	165.0"		
7.1.2	CAB TO AXLE	84.0"		
7.2	ITEM 10B			
7.2.1	WHEEL BASE	176.0"		
7.2.2	CAB TO AXLE	60.0"		
SECTION 8: INTERIOR				
8.1	PASSENGER CAPACITY/CONFIGURATION			
8.1.1	ITEM 10A	THREE (3)/ SINGLE ROW		
8.1.2	ITEM 10B	SIX (6)/ 3-3		
8.2	SEATING			
8.2.1	MATERIAL	HEAVY DUTY VINYL		
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE		
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS		
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING		

8.5	AUXILIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS		
8.6	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING		
8.11	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	UPFITTER SWITCHES	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		EXTENDABLE TOW TYPE		
9.2.4		INTEGRATED BLIND SPOT MIRRORS		
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK		
9.4	FRONT GRILL & SURROUND COLOR	BLACK		
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK		
9.6	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER		
9.7	UNDERBODY SHIELD(S) (ITEM 10B ONLY)	TRANSFER CASE		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER, FRONT		
10.1.2		DRIVER & PASSENGER, SIDE IMPACT		
10.1.3		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	REAR VIEW CAMERA SYSTEM	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION		
10.6	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
10.7	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.8	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.9	WHEEL CHOCKS	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				
11.0	FLEETWATCH GP55 SYSTEM			

11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		

11.2	STEPS		
11.2.1	TYPE: N-FAB BRAND OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	DESCRIPTION: DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	STEP QTY:		
11.2.4	REGULAR CAB SHALL HAVE ONE (1) STEP ON EACH BAR		
11.2.5	EXTENDED & CREW CAB SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.6	MATERIAL: STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.7	COATING: TEXTURED BLACK POWDER COAT FINISH		
11.2.8	MOUNTING: BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. BIDDER SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.9	WARRANTY: LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.3	CAB GUARD (AKA: HEADACHE RACK): (ITEM 10B ONLY) INSTALL WEATHERGUARD MODEL OR WMATA APPROVED EQUAL. SHALL BE MOUNTED ON BODY		
11.4	TRAILER TOWING PACKAGE		
11.4.1	RECEIVER: OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.4.2	(ITEM 10B ONLY) COMBINATION HITCH: COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.4.3	(ITEM 10B ONLY) PINTLE MOUNT: BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.4.4	TRAILER CONNECTOR(S): OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.4.5	BRAKE CONTROL: OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.4.6	LIFTGATE TOWING PROVISION: MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFTGATE		
11.5	AMBER LED STROBE LIGHTS		
11.5.1	TYPE (FRONT): BUYERS PRODUCTS OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.5.2	MOUNTING (FRONT): ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.5.3	TYPE (REAR): INSTALL BUYERS PRODUCTS AMBER LED MINI STROBE LIGHTS PART # 8891400 OR WMATA APPROVED EQUAL		
11.5.4	(ITEM 10A ONLY) MOUNTING (REAR): TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE & TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA NEAR TOP OF BODY AS HIGH & WIDE APART AS POSSIBLE		
11.5.5	(ITEM 10B ONLY) MOUNTING (REAR): TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.5.6	CONTROL SWITCH: ALL LIGHTS SHALL BE OPERATED FROM A COMMON OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBE LIGHTS		
11.5.7	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.6	LED MINI LIGHT BAR (ITEM 10B ONLY)		
11.6.1	TYPE: ECCO MODEL 5580A, REFLEX, 12-24 VDC, 8 HEAD, AMBER DOME LIGHT. LIGHT DIMENSIONS: 15" x 9" x 2-1/2" OR WMATA APPROVED EQUAL		
11.6.2	MOUNTING: LIGHT BAR SHALL BE MOUNTED ON AN ACARI PRODUCTS OR WMATA APPROVED EQUAL DRILL-FREE ROOFTOP MOUNTING PLATFORM. PLATFORM MOUNTS WHERE OE HIGH MOUNT STOP LAMP IS INSTALLED. HMSL MUST BE REINSTALLED IN MOUNTING BRACKET. NO HOLES SHALL BE DRILLED IN CAB ROOF. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & RELATED COMPONENTS		
11.6.3	CONTROL SWITCH: SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.6.4	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	ARROW LIGHT (ITEM 10A ONLY)		
11.7.1	TYPE: INSTALL ONE (1) SUPERIOR SIGNALS INC. LED SEQUENTIAL ARROW LIGHT PART #SY900 OR WMATA APPROVED EQUAL		
11.7.2	MOUNTING: PERMANENTLY MOUNTED ON THE REAR BODY AREA ABOVE DOORS. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.7.3	CONTROL UNIT: SHALL BE MOUNTED IN CAB. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION		
11.7.4	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8	POWER INVERTER (ITEM 10A ONLY)		
11.8.1	TYPE: 12 VDC INPUT VOLTAGE TO 120 VAC OUTPUT VOLTAGE. 3,500 WATT OUTPUT POWER. INVERTER SHALL BE UL CERTIFIED		
11.8.2	MOUNTING: INVERTER SHALL BE MOUNTED IN A WELL VENTED, EASILY ACCESSIBLE AND WEATHER RESISTANT AREA. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.8.3	BATTERIES: BIDDER SHALL PROVIDE PROPER SUPPORT SYSTEM w/ ABSORBED GLASS MAT (AGM) DEEP CYCLE BATTERIES, OEM DESIGNATED CABLES & CIRCUIT PROTECTION. BATTERIES SHALL BE CHARGED BY THE VEHICLE CHARGING CIRCUIT AND SHALL BE MOUNTED IN A WELL VENTED, EASILY ACCESSIBLE AND WEATHER RESISTANT AREA. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.8.4	RECEPTACLES: SHALL INCLUDE 20 AMP, 120 VOLT GFCI PROTECTED OUTLETS INSTALLED & WIRED TO INVERTER. EXTERIOR OUTLETS SHALL BE WEATHER PROTECTED AND INCLUDE COVER/DOOR. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.8.4.1	ONE (1) MOUNTED ON LEFT SIDE REAR OF BODY		
11.8.4.2	ONE (1) MOUNTED ON RIGHT SIDE REAR OF BODY		
11.8.5	CONTROL SWITCH: INVERTER SHALL BE ACTIVE ONLY WHEN THE VEHICLE ENGINE IS RUNNING. POWER TO THE INVERTER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: POWER INVERTER		
11.8.6	POWER INDICATOR: SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE INVERTER IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: INVERTER POWER		
11.8.7	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.9	LIFT GATE (ITEM 10B ONLY)		
11.9.1	MODEL: THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.9.2	CAPACITY: 1,500 LBS		
11.9.3	OPERATION: ELECTRIC BATTERY		
11.9.4	CONTROLS ON LIFT GATE: SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.9.5	MASTER POWER SWITCH (IN CAB): SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.9.6	POWER INDICATOR: SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.9.7	PLATFORM DIMENSIONS: APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		
11.9.8	MOUNTING STANDARDS: LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.9.9	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.9.10	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.9.11	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.9.12	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.10	CHEVRON DESIGN REFLECTIVE DECALING		
11.10.1	SCOPE: BIDDER SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
11.10.2	DESIGN: BIDDER MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
11.10.3	MATERIALS (TWO INCH): 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, TWO (2) INCH WIDTH, ITEM NUMBER 983232.00, PART NUMBER 75030161832. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, TWO (2) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680852.00		
11.10.4	INSTALLATION: BIDDER SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
11.10.5	VEHICLE PREPARATION: VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
11.10.6	WARRANTY: BIDDER SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		

SECTION 12: BODY

12.0	ENCLOSED UTILITY BODY (ITEM 10A ONLY)		
12.0.1	MODEL: OMAHA STANDARD, KNAPHEIDE, READING SPACE MASTER OR WMATA APPROVED EQUAL		
12.0.2	DIMENSIONS: LENGTH: 132", WIDTH: 90", INTERIOR HEIGHT: 66" MAXIMUM, COMPARTMENT DEPTH: 20"		
12.0.3	COLOR: SOLID WHITE TO MATCH CAB		
12.0.4	BODY CONSTRUCTION: BODY SHALL BE SOLID PANELS (NO WINDOWS) ON SIDES, REAR AND ROOF. CORROSION RESISTANT ZINC COATED GALVANIZED STEEL. UNDER SIDE OF BODY WELDS SHALL BE REINFORCED AS NOT TO ALLOW FOR SEPARATION OR WELD BREAKAGE FROM BODY WEIGHT NEAR CROSS BEAMS. MIN. 12 GA. TREAD PLATE STEEL FLOOR. FULLY WELDED UNDERBODY, MIN. 7 GA. CHANNELS. COMPLETE BODY SHALL BE ELECTRICALLY WELDED GALVANIZED STEEL		
12.0.5	SAFETY STEP BUMPER: HEAVY DUTY REAR SAFETY STEP TYPE REAR BUMPER MUST BE MIN. 12 GA. STEEL, FRAME MOUNTED & MUST PROVIDE MIN. 1" CLEARANCE FROM BODY CORNERS		
12.0.6	COATING: BODY SHALL BE COMPLETELY UNDERCOATED. ALL WELDS, SEAMS & JOINTS SHALL BE SEALED w/ 3M BRAND SEAM SEALER OR EQUIVALENT & BODY ELECTROSTATIC DIPPED IN PRIMER, THEN SPRAYED w/ TWO COATS OF PAINT TO MATCH TRUCK CAB. THIS INCLUDES INSIDE THE BODY & ALL COMPARTMENTS. POWDERCOATING IS AN ACCEPTABLE EQUIVALENT		
12.0.7	CARGO AREA COATING: RHINO-LINER, LINE-X OR SIMILAR PRODUCT SHALL BE SPRAYED ON THE ENTIRE CARGO AREA FLOOR, WALLS, FRONT BULKHEAD. COATING MUST BE WATERTIGHT BETWEEN BODY & LINING		
12.0.8	COMPARTMENT LAYOUT: CURBSIDE: THREE VERTICAL, ONE HORIZONTAL STREETSIDE: THREE VERTICAL, ONE HORIZONTAL		
12.0.9	COMPARTMENTS: ALL SHELVING & HOOKS MOUNTED ON UNI-TRAC VERTICAL MOUNTING SYSTEM TO ALLOW FOR INTERCHANGING LOCATIONS		
12.0.10	COMPARTMENT SHELVING: GALVANNEAL STEEL, ADJUSTABLE SHELVING IN ALL VERTICAL COMPARTMENTS w/ DIVIDERS. COMPARTMENT SHELVING: THREE PULL OUT SHELVES w/ FIVE DIVIDERS PER SHELF. HORIZONTAL COMPARTMENT SHELVING: ONE SHELF w/ TEN DIVIDERS		
12.0.11	COMPARTMENT DOOR OPENINGS: ALL SHALL HAVE WATER GUARDS TO KEEP WATER OUT OF THE COMPARTMENTS		
12.0.12	COMPARTMENT DOORS: GALVANNEAL STEEL, DOUBLE PANEL, LAPPED OR ROLLED EDGES, STAINLESS STEEL HINGES HIDDEN WHEN DOORS ARE CLOSED, WEATHERTIGHT SEALS, GAS TYPE STRUTS ON ALL VERTICAL DOORS, COATED CABLES OR CHAINS ON ALL HORIZONTAL DOORS		
12.0.13	DOOR HANDLES: FLUSH MOUNT, STAINLESS STEEL		
12.0.14	DOOR LOCKS: WEATHER PROTECTED LOCKS ON ALL DOORS & KEYED ALIKE		
12.0.15	REAR DOORS: SOLID DOORS (NO WINDOWS)		
12.0.16	CARGO SECUREMENT: SIX (6) D-RING TIE DOWNS RECESS MOUNTED ON CARGO AREA FLOOR EVENLY SPACED		
12.0.17	EXTERIOR LIGHTING: SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.0.18	WHEEL CHOCK STORAGE: STORAGE AREA FOR FOUR (4) WHEEL CHOCKS IN BODY WHEEL WELL PANELS		
12.0.19	MUD FLAPS: PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		

12.1	INTERIOR BODY LIGHTING (ITEM 10A ONLY)		
12.1.1	COMPARTMENT LIGHTING: OUTSIDE COMPARTMENTS SHALL HAVE AMERICAN LIGHTING OR WMATA APPROVED EQUAL 12 VOLT ROPE LIGHTS MOUNTED AROUND ENTIRE PERIMETER OF EACH BOX w/ POWER SWITCH. LIGHTING SHALL BE IN RUBBER ENCASING FOR PROTECTION. SHALL HAVE AVERAGE LIFESPAN OF 60,000 HOURS MINIMUM. ENTIRE LENGTH OF LIGHTS MUST BE SECURED w/ MOUNTING CLAMPS AND SCREWS. ADHESIVE BACKED MOUNTING PADS ARE NOT ACCEPTABLE. CLAMP SPACING MAXIMUM 12 INCHES APART		
12.1.2	DOMES LIGHTS: INSTALL TWO (2) GROTE 61161 DOME LIGHTS OR WMATA APPROVED EQUAL. SHALL BE MOUNTED ON CEILING, EQUALLY SPACED w/ LIGHT GUARDS. ALL LIGHTS SHALL BE OPERATED FROM A SINGLE SWITCH		
12.1.3	CARGO AREA LIGHTING: FOUR (4) 4" FLUSH MOUNTED WHITE LED LIGHTS w/ LIGHT GUARDS SHALL BE MOUNTED ON BODY INTERIOR SIDE WALLS. ALL LIGHTS SHALL BE OPERATED FROM A SINGLE SWITCH		
12.1.4	MASTER CONTROL SWITCH: ALL COMPARTMENT, DOME AND CARGO LIGHTING SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INTERIOR BODY LIGHTS		
12.1.5	WARNING LIGHT: SHALL BE EQUIPPED WITH A WARNING LIGHT IN THE CAB TO ALERT THE OPERATOR WHEN THE MASTER CONTROL SWITCH IS SWITCHED ON		
12.1.6	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
12.2	OPEN UTILITY BODY (ITEM 10B ONLY)		
12.2.1	MODEL: OMAHA STANDARD, KNAPHEIDE, READING SPACE MASTER OR WMATA APPROVED EQUAL		
12.2.2	DIMENSIONS: LENGTH: 108", WIDTH: 90", COMPARTMENT DEPTH: 20"		
12.2.3	COLOR: SOLID WHITE TO MATCH CAB		
12.2.4	BODY CONSTRUCTION: CORROSION RESISTANT ZINC COATED GALVANIZED STEEL. UNDER SIDE OF BODY WELDS SHALL BE REINFORCED AS NOT TO ALLOW FOR SEPARATION OR WELD BREAKAGE FROM BODY WEIGHT NEAR CROSS BEAMS. MIN. 12 GA. TREAD PLATE STEEL FLOOR. FULLY WELDED UNDERBODY, MIN. 7 GA. CHANNELS. COMPLETE BODY SHALL BE ELECTRICALLY WELDED GALVANIZED STEEL		
12.2.5	COATING: BODY SHALL BE COMPLETELY UNDERCOATED. ALL WELDS, SEAMS & JOINTS SHALL BE SEALED w/ 3M BRAND SEAM SEALER OR EQUIVALENT & BODY ELECTROSTATIC DIPPED IN PRIMER, THEN SPRAYED w/ TWO COATS OF PAINT TO MATCH TRUCK CAB. THIS INCLUDES INSIDE THE BODY & ALL COMPARTMENTS. POWDERCOATING IS AN ACCEPTABLE EQUIVALENT		
12.2.6	CARGO AREA COATING: RHINO-LINER, LINE-X OR SIMILAR PRODUCT SHALL BE SPRAYED ON THE ENTIRE CARGO AREA FLOOR, WALLS, FRONT BULKHEAD. COATING MUST BE WATERTIGHT BETWEEN BODY & LINING		
12.2.7	COMPARTMENT LAYOUT: CURBSIDE: ONE VERTICAL, TWO HORIZONTAL. STREET SIDE: TWO VERTICAL, ONE HORIZONTAL. SEE SAMPLE PICTURE(S) ON LAST PAGE		
12.2.8	COMPARTMENTS: ALL SHELVING & HOOKS MOUNTED ON UNI-TRAC VERTICAL MOUNTING SYSTEM TO ALLOW FOR INTERCHANGING LOCATIONS		
12.2.9	COMPARTMENT SHELVING: GALVANNEAL STEEL, ADJUSTABLE SHELVING IN ALL VERTICAL COMPARTMENTS w/ DIVIDERS. COMPARTMENT SHELVING: THREE PULL OUT SHELVES w/ FIVE DIVIDERS PER SHELF. HORIZONTAL COMPARTMENT SHELVING: ONE SHELF w/ TEN DIVIDERS		
12.2.10	COMPARTMENT DOOR OPENINGS: ALL SHALL HAVE WATER GUARDS TO KEEP WATER OUT OF THE COMPARTMENTS		
12.2.11	COMPARTMENT DOORS: GALVANNEAL STEEL, DOUBLE PANEL, LAPPED OR ROLLED EDGES, STAINLESS STEEL HINGES HIDDEN WHEN DOORS ARE CLOSED, WEATHERTIGHT SEALS, GAS TYPE STRUTS ON ALL VERTICAL DOORS, COATED CABLES OR CHAINS ON ALL HORIZONTAL DOORS		

12.2.12	DOOR HANDLES: FLUSH MOUNT, STAINLESS STEEL		
12.2.13	DOOR LOCKS: WEATHER PROTECTED LOCKS ON ALL DOORS & KEYED ALIKE		
12.2.14	CARGO SECUREMENT: SIX (6) D-RING TIE DOWNS RECESS MOUNTED ON CARGO AREA FLOOR EVENLY SPACED		
12.2.15	EXTERIOR LIGHTING: SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.2.16	WHEEL CHOCK STORAGE: STORAGE AREA FOR FOUR (4) WHEEL CHOCKS IN BODY WHEEL WELL PANELS		
12.2.17	MUD FLAPS: PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.3	INTERIOR BODY LIGHTING (ITEM 10B ONLY)		
12.3.1	COMPARTMENT LIGHTING: OUTSIDE COMPARTMENTS SHALL HAVE AMERICAN LIGHTING OR WMATA APPROVED EQUAL 12 VOLT ROPE LIGHTS MOUNTED AROUND ENTIRE PERIMETER OF EACH BOX w/ POWER SWITCH. LIGHTING SHALL BE IN RUBBER ENCASING FOR PROTECTION. SHALL HAVE AVERAGE LIFESPAN OF 60,000 HOURS MINIMUM. ENTIRE LENGTH OF LIGHTS MUST BE SECURED w/ MOUNTING CLAMPS AND SCREWS. ADHESIVE BACKED MOUNTING PADS ARE NOT ACCEPTABLE. CLAMP SPACING MAXIMUM 12 INCHES APART		
12.3.2	CARGO AREA LIGHTING: FOUR (4) 4" FLUSH MOUNTED WHITE LED LIGHTS w/ LIGHT GUARDS SHALL BE MOUNTED ON BODY INTERIOR SIDE WALLS. ALL LIGHTS SHALL BE OPERATED FROM A SINGLE SWITCH		
12.3.3	MASTER CONTROL SWITCH: ALL COMPARTMENT AND CARGO LIGHTING SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INTERIOR BODY LIGHTS		
12.3.4	WARNING LIGHT: SHALL BE EQUIPPED WITH A WARNING LIGHT IN THE CAB TO ALERT THE OPERATOR WHEN THE MASTER CONTROL SWITCH IS SWITCHED ON		
12.3.5	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

ITEM 10B: COMPARTMENT CONFIGURATION



LIGHT BAR MOUNT

CHEVRON PATTERN ON ENCLOSED BODY



CHEVRON PATTERN ON OPEN BODY & LIFT GATE



FY-18 VEHICLE PURCHASE

ITEM 11

**MEDIUM DUTY
SERVICE VEHICLE SPECIFICATION**

STAKE BODY DUMP TRUCK, 2.0 TON

w/ SNOW PLOW & SPREADER

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	FORD F-550 OR WMATA APPROVED EQUAL
2.3	CAB/ BODY	FOUR (4) DOOR CAB/ STAKE DUMP BODY
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), DUAL REAR WHEELS (DRW)
2.5	CAB PAINT COLOR	SOLID WHITE
2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	
2.7	SNOW PLOW PREP PACKAGE	MUST BE OEM FACTORY INSTALLED

SECTION 3: POWERTRAIN

3.1	ENGINE	V10, 6.8L/ 415
3.2	ENGINE SAE NET HORSEPOWER	288 @ 4,000 RPM
3.3	ENGINE SAE NET TORQUE	424 @ 3,000 RPM
3.4	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 40 GALLONS
3.6	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC
3.7	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER

SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	COLD CRANKING AMPS: MIN. 750 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR: HEAVY-DUTY	
4.2.1	OUTPUT AMPERAGE: MIN. 240A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING	

SECTION 5: WEIGHT RATINGS

5.1	FRONT GAWR	5,600 LBS.		
5.2	REAR GAWR	14,700 LBS.		
5.3	GVWR	19,500 LBS.		
5.4	TRAILERING CAPACITY	18,500 LBS.		
5.5	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
SECTION 6: CHASSIS				
6.1	SUSPENSION, FRONT	TWIN-COIL MONOBEAM		
6.2	SUSPENSION, REAR	SOLID AXLE w/ LEAF SPRINGS		
6.3	REAR AXLE	LIMITED SLIP		
6.4	TIRES, FRONT	225/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS		
6.5	TIRES, REAR	225/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS		
6.6	WHEELS	GRAY OR SILVER, STEEL WHEELS		
6.7	STEERING	POWER ASSISTED		
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
SECTION 7: DIMENSIONS				
7.1	WHEELBASE	200.0"		
7.2	CAB TO AXLE	84.0"		
SECTION 8: INTERIOR				
8.1	PASSENGER CAPACITY/CONFIGURATION	SIX (6)/ 3-3		
8.2	SEATING			
8.2.1	MATERIAL	HEAVY DUTY VINYL		
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE		
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS		
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	DOMELIGHT(S)	ONE (1) PER ROW OF SEATING		
8.5	AUXILIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS		
8.6	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING		
8.11	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	UPFITTER SWITCHES	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		EXTENDABLE TOW TYPE		
9.2.4		INTEGRATED BLIND SPOT MIRRORS		
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK		
9.4	FRONT GRILL & SURROUND COLOR	BLACK		

9.5	FRONT BUMPER OR FASCIA COLOR	BLACK		
9.6	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER, FRONT		
10.1.2		DRIVER & PASSENGER, SIDE IMPACT		
10.1.3		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	REAR VIEW CAMERA SYSTEM	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION		
10.6	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
10.7	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.8	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.9	WHEEL CHOCKS	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				
11.0	FLEETWATCH GP55 SYSTEM			
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	READER: MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE			
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			

11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
11.2	STEPS		
11.2.1	TYPE: N-FAB BRAND OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	DESCRIPTION: DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	STEP QTY: SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	MATERIAL: STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	COATING: TEXTURED BLACK POWDER COAT FINISH		
11.2.6	MOUNTING: BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. BIDDER SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	WARRANTY: LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.3	TRAILER TOWING PACKAGE		
11.3.1	RECEIVER: OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.3.2	COMBINATION HITCH: COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.3.3	PINTLE MOUNT: BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.3.4	TRAILER CONNECTOR(S): OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.3.5	BRAKE CONTROL: OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.3.6	LIFTGATE TOWING PROVISION: MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES, EQUIPPED WITH TOW HITCH & LIFTGATE		

11.4	AMBER LED STROBE LIGHTS		
11.4.1	TYPE (FRONT): BUYERS PRODUCTS OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	MOUNTING (FRONT): ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	TYPE (REAR): INSTALL BUYERS PRODUCTS AMBER LED MINI STROBE LIGHTS PART # 8891400 OR WMATA APPROVED EQUAL		
11.4.4	MOUNTING (REAR): TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.4.5	CONTROL SWITCH: ALL LIGHTS SHALL BE OPERATED FROM A COMMON OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBE LIGHTS		
11.4.6	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5	LED MINI LIGHT BAR		
11.5.1	TYPE: ECCO MODEL 5580A, REFLEX, 12-24 VDC, 8 HEAD, AMBER DOME LIGHT. LIGHT DIMENSIONS: 15" x 9" x 2-1/2" OR WMATA APPROVED EQUAL		
11.5.2	MOUNTING: LIGHT BAR SHALL BE MOUNTED ON A BRACKET PERMANENTLY ATTACHED TO TOP OF BODY BULKHEAD. LIGHT BAR & BRACKET SHALL EXTEND OVER TRUCK CAB & SHALL NOT EXTEND REAR OF BODY BULKHEAD. LIGHT MUST BE ABOVE BULKHEAD AND HAVE 360 DEGREE VISIBILITY		
11.5.3	CONTROL SWITCH: SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.5.4	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6	ARROW LIGHT		
11.6.1	TYPE: INSTALL ONE (1) SUPERIOR SIGNALS INC. LED SEQUENTIAL ARROW LIGHT PART #SY900 OR WMATA APPROVED EQUAL		
11.6.2	MOUNTING: PERMANENTLY MOUNTED IN THE CENTER ABOVE THE FRONT BODY BULKHEAD		
11.6.3	CONTROL UNIT: SHALL BE MOUNTED IN CAB. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.6.4	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	SNOW PLOW		
11.7.1	TYPE: BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.7.2	MOUNTING SYSTEM: ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.7.3	BLADE WIDTH: 102" MAXIMUM WIDTH		
11.7.4	PLOWING WIDTH: 88" MAXIMUM WIDTH @ FULL ANGLE		
11.7.5	BLADE HEIGHT: 31.5" MAXIMUM HEIGHT		
11.7.6	MOLDBOARD: 3/8" POLYETHYLENE		
11.7.7	PLOW SHOES: CAST IRON		
11.7.8	TRIP: FULL TRIP, FOUR (4) TRIP SPRINGS		
11.7.9	ANGLE CYLINDERS: 1-1/2" x 12"		
11.7.10	CUTTING EDGE: 1/2" x 6" HIGH CARBON STEEL		
11.7.11	CONTROLS: SHALL BE HANDHELD CONTROLER. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.7.12	DEFLECTOR: FULL WIDTH RUBBER SNOW DEFLECTOR		
11.7.13	MARKERS: SNOW PLOW MARKERS ON BOTH SIDES		

11.7.14	PLOW LIGHTS: LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.7.15	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7.16	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.7.17	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.7.18	WARRANTY: TWO (2) YEARS PARTS AND LABOR		
11.8	SALT/ SAND SPREADER		
11.8.1	MODEL: BOSS VBX9000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.8.2	HOPPER CONSTRUCTION: 3/16" DOUBLE WALL POLYETHYLENE		
11.8.3	CAPACITY: THREE (3) YARDS		
11.8.4	HOPPER DIMENSIONS: LENGTH: 107", OVERALL LENGTH: 122", HEIGHT: 49", WIDTH: 48"		
11.8.5	SPREADING WIDTH: 2-40 FT.		
11.8.6	FEED RATE: 2.3 CU. FT. PER MINUTE		
11.8.7	POWER: ELECTRIC MOTOR		
11.8.8	FEED MOTOR: 3/4 HP STAINLESS STEEL		
11.8.9	GEARBOX: PLANETARY GEARBOX		
11.8.10	SPINNER GEARMOTOR: 1/8 HP		
11.8.11	SPINNER: FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		
11.8.12	VIBRATORS: VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		
11.8.13	TROUGH: STAINLESS STEEL		
11.8.14	WORK LIGHT(S): MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		
11.8.15	BRAKE LIGHT: SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		
11.8.16	TOP GRATE SCREEN: HEAVY DUTY ONE PIECE SCREEN		
11.8.17	LIFT POINT: SHALL HAVE A SINGLE LIFT POINT		
11.8.18	CONTROLS: CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.19	CONTROLS CONNECTOR & POWER SUPPLY: THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRED CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.8.20	SECUREMENT: SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		

11.8.21	INSTALLATION: BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.22	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.23	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.24	WARRANTY: TWO (2) YEAR PARTS AND LABOR		
SECTION 12: BODY			
12.1	STAKE DUMP BODY		
12.1.1	TYPE: HEAVY DUTY FLAT BED BODY w/ STAKE SIDES AND REAR		
12.1.2	COLOR: ALL BODY PARTS, BULKHEAD, STAKE SIDES, TOOL BOXES SHALL BE BLACK		
12.2.3	PLATFORM DIMENSIONS: LENGTH 12 FT., WIDTH 96"		
12.2.4	CONSTRUCTION: SILLS: LONGITUDINAL SILLS OF STRUCTURAL STEEL CHANNEL 6". CROSSMEMBERS: 11 GA. ROLL FORMED C CHANNEL ON 13" CENTER AVERAGE. RAILS: 5-3/4" HIGH RAILS ROLL FORMED OF 11 GA. STEEL. STAKE POCKETS: REINFORCED w/ 12 GA. STEEL BOX WELDED INTO THE RAILS. DECK PLATE: STEEL 3/16" SAFETY TREAD PLATE WELDED TO CROSSMEMBERS. ALL BODY PARTS SHALL BE WELDED INTO ONE INTEGRAL UNIT		
12.2.5	BULKHEAD: CAB HEIGHT w/ HOLE PUNCHED OR MESH WINDOW. SHALL HAVE BRACKET ATTACHED TO TOP CENTER OF BULKHEAD FOR LED MINI LIGHT BAR MOUNTING. BRACKET SHALL EXTEND TOWARDS TRUCK CAB & SHALL NOT EXTEND REAR OF BULKHEAD.		
12.2.6	STAKE RACKS: CAB HEIGHT SIDE & REAR		
12.2.7	REAR CORNERS: 2" x 3" x 1/4" STRUCTURAL STEEL TUBING REAR CORNER POSTS MOUNTED IN 3/8" POCKET w/ 5/8" HITCH PIN FOR QUICK REMOVAL. REAR RACKS TO BE HINGED TO REAR CORNER POSTS		
12.2.8	CARGO SECUREMENT: SIX (6) HEAVY DUTY TIE DOWN RINGS RECESSED IN FLOOR. SHALL BE EQUALLY SPACED. UNDER BODY SLIDING (WINCH) TIE DOWN CHANNEL w/ FIVE (5) S-LINE STORABLE WINCHES & 4" x 30 FT. TIE DOWN STRAPS		
12.2.9	EXTERIOR LIGHTING: SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.2.10	STORAGE BOXES (UNDER BODY): TWO (2) WEATHERGARD OR WMATA APPROVED EQUAL. ONE (1) 18" H x 18" W x 48" L, TOOL BOX SHALL BE MOUNTED TO THE TRUCK FRAME UNDER EACH SIDE OF BODY BETWEEN REAR OF CAB AND REAR AXLE. BOXES SHALL BE BLACK POWDERCOATED, WEATHERTIGHT, MUST BE LOCKABLE & KEYED ALIKE, SIX (6) KEYS REQUIRED		
12.2.11	VISIBILITY STRIPING: SHALL HAVE ALTERNATING RED & WHITE REFLECTIVE TAPE INSTALLED ON SIDES & REAR OF BODY AND ON VERTICAL RAILS ON REAR STAKE RACKS		
12.2.12	MUD FLAPS: PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.2.13	HOIST: CHAMPION MODEL GS-615HD OR WMATA APPROVED EQUAL, POWER UP/POWER DOWN, DOUBLE ACTING ELECTRIC HYDRAULIC LIFT FOR RAISING & LOWERING DUMP BODY		

SECTION 13: ADDITIONAL SPECIFICATIONS

13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)

14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)

NERF BAR w/ INTEGRATED STEPS



FY-18 SERVICE VEHICLE PURCHASE

ITEM 12PD

**MTPD
VEHICLE SPECIFICATION**

UTILITY VEHICLE

USER: CID

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** This vehicle specification describes Ford Interceptor - Utility or WMATA approved equal. Under normal conditions this vehicle will be used to transport Patrol Officers to various work locations in the Washington Metropolitan Area

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.1	VEHICLE UPFITTING: MUST BE PERFORMED BY AN AUTHORIZED MASTER NATIONAL DISTRIBUTOR OF A MINIMUM OF THREE (3) MAJOR MANUFACTURERS OF PUBLIC SAFETY EQUIPMENT. BIDDER MUST INCLUDE A MINIMUM OF THREE (3) REFERENCES FOR SERVICES PERFORMED		
2.2	YEAR	2017 OR MOST CURRENT MODEL YEAR	
2.3	MAKE/ MODEL	FORD POLICE INTERCEPTOR UTILITY OR WMATA APPROVED EQUAL	
2.4	BODY/ CAB STYLE	FOUR (4) DOOR MID-SIZE UTILITY VEHICLE	
2.5	DRIVE TYPE	AUTOMATIC FULL TIME ALL WHEEL DRIVE (AWD)	
2.6	VEHICLE PAINT COLOR	MEDIUM TITANIUM (FORD PAINT CODE: YG) OR WMATA APPROVED EQUAL	
2.7	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)		
2.7.1	YEAR:		
2.7.2	MAKE:		
2.7.3	MODEL:		
2.7.4	TRIM LEVEL/PKG.:		

SECTION 3: POWERTRAIN

3.1	ENGINE	3.5L V6, TWIN TURBOCHARGED	
3.2	ENGINE SAE NET HORSEPOWER	365 @ 5,500 RPM	
3.3	ENGINE SAE NET TORQUE	350 @ 1,500 RPM	
3.4	FUEL SYSTEM	GAS, ELECTRONIC FUEL INJECTION	
3.5	FUEL TANK CAPACITY	18.0 GALLONS	
3.6	POLICE ENGINE IDLE FEATURE: ALLOWS ENGINE TO REMAIN RUNNING AND PREVENTS THE VEHICLE FROM UNAUTHORIZED USE WHEN DRIVER IS OUTSIDE THE VEHICLE. ALLOWS THE KEY TO BE REMOVED FROM THE IGNITION WHILE VEHICLE REMAINS IDLING		
3.7	TRANSMISSION: ELECTRONICALLY CONTROLLED AUTOMATIC w/ OVERDRIVE		

SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS			
4.1	BATTERY:	MAINTENANCE-FREE, HEAVY-DUTY, 750 CCA	
4.1.1	MOUNTING LOCATION:	IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE	
4.2	BATTERY PROTECTION SYSTEM:	MUST INCLUDE HAVIS CHARGE GUARD OR WMATA APPROVED EQUAL BATTERY PROTECTION SYSTEM	
4.3	MASTER BATTERY DISCONNECT SWITCH:	TO ISOLATE ALL EMERGENCY EQUIPMENT & MOBILE RADIO. INSTALLS DIRECTLY ON THE BATTERY	
4.4	ALTERNATOR:	HEAVY-DUTY, 220 AMP	
SECTION 5: WEIGHT RATINGS			
5.1	GVWR	6,300 LBS.	
SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	INDEPENDENT	
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.4	WHEELS	PAINTED ALUMINUM	
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.6	STEERING	POWER ASSISTED	
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	EXTERIOR:		
7.1.1	WHEEL BASE	112.0"	
7.1.2	OVERALL LENGTH	197.0"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS, 60/40 SPLIT REAR SEATS	
8.2.2	MATERIAL	HEAVY-DUTY CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	DOVE LIGHT(S)	LED, RED/WHITE IN CARGO AREA	
8.4	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.5	AUXILLIARY POWER OUTLETS	FOUR (4) 12V POWER OUTLETS	
8.6	110V AC POWER OUTLET	OEM FACTORY INSTALLED OR WMATA APPROVED EQUAL. MOUNTED IN DRIVER'S COMPARTMENT. BIDDER SHALL PROVIDE ALL NECESSARY SYSTEM COMPONENTS, MOUNTING BRACKETS, HARDWARE, PROPER WIRING & CIRCUIT PROTECTION	
8.7	SOUND SYSTEM/ RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.8	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS, USB PORT & AUXILIARY AUDIO INPUT JACK	
8.9	NAVIGATION SYSTEM	OEM FACTORY INSTALLED OR AFTERMARKET	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ FOUR (4) REMAPPABLE STEERING WHEEL CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL CONTROLS	

8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING		
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY. SIX (6) KEY FOBs ARE REQUIRED. WITHOUT DOOR KEY PAD & PASSIVE ANTI THEFT SYSTEM (PATS)		
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.15	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS		
8.16	GLASS			
8.16.1	WINDSHIELD:	20% TINT STRIP ON FRONT WINDSHIELD TO HIDE THE INTERIOR LIGHT BAR		
8.16.2	2ND ROW:	SOLAR-TINTED		
8.16.3	REAR QUARTER & LIFT GATE WINDOWS:	TINTED PRIVACY GLASS		
8.17	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED		
8.18	SHIFTER	TRANSMISSION SHIFTER MUST BE ON STEERING COLUMN. CENTER CONSOLE MOUNTED SHIFTER IS UNACCEPTABLE		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER, FRONT		
10.1.2		DRIVER & PASSENGER, SIDE IMPACT		
10.1.3		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		RETRACTABLE		
10.2.2		THREE POINT		
10.3	BLIND SPOT MONITORING	OEM FACTORY INSTALLED		
10.4	CROSS TRAFFIC ALERT	OEM FACTORY INSTALLED		
10.5	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.6	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.7	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.8	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.9	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.10	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.11	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.12	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		

SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER

11.0	FLEETWATCH GP55 SYSTEM:		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR		
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	INSTALLATION: ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	THE ITEMS IN THIS SECTION MUST BE OEM FACTORY INSTALLED		
11.1.1	Whelen Cencom or WMATA approved equal light controller head w/dimmable back light		
11.1.2	Whelen Cencom or WMATA approved equal relay center/siren/amp w/Traffic Advisor control outputs (mounted behind 2nd row seat), light controller/relay Cencom wiring (wiring harness) w/additional input/output pigtailed, high current pigtail		
11.1.3	Whelen or WMATA approved equal specific WECAN cable (console to cargo area) connects Cencom to control head		
11.1.4	Grille linear LED lights (red/blue), wiring harness I/P to rear cargo area (overlay)		
11.1.5	(2) light cables - supports up to (6) LED lights (engine compartment/grille)		
11.1.6	(1) 10-amp siren/speaker circuit engine cargo area and rear hatch/cargo area wiring - supports up to (6) rear LED lights		
11.1.7	Hidden Door-Lock Plunger/Rr-Door Handles Inoperable		
11.1.8	Tail Lamp Lighting Solution, base LED lights plus (2) rear integrated hemispheric light head white LED side warning lights in tail lamps, LED lights only, Wiring and controller not included		
11.1.9	Rear Lighting Solution, (2) backlit flashing linear high-intensity LED lights (driver's side red/passenger side blue) mounted to inside lift gate glass and (2) backlit flashing linear high-intensity LED lights (driver's side red/passenger side blue) installed on inside lip of lift gate (lights activate when lift gate is open), LED lights only, Wiring and controller not included		
11.1.10	100 Watt Siren/Speaker w/Bracket & Pigtail		
11.1.11	Rear console plate. Interfaces with front console mounting plate and extends through 2nd-row occupant area to seat bottom (acting as wiring conduit on top of transmission tunnel)		

11.1.12	Front Headlamp Lighting Solution, base LED low beam/incandescent (halogen) high beam headlamp w/high beam wig-wag function and (2) white rectangular LED side warning lights, Wiring and LED lights included, Controller not included		
11.1.13	Grille LED Lights, Siren & Speaker Pre-Wiring The lights, siren and speaker are fully wired and functional. Pre-set flash patterns (also configurable)		
11.1.14	Front Warning Auxiliary LED Lights (Driver side - Red / Passenger side - Blue)		
11.1.15	Front Warning Auxiliary Light (Driver side - Red / Passenger side - Blue).		
11.1.16	Pre-wiring for grille LED lights, siren and speaker		
11.1.17	Cargo Wiring Upfit package		
11.1.18	Police Silent Mode -When activated, courtesy lamps and Daytime Running Lamps disabled (user configurable)		
11.1.19	Front Interior Visor Light Bar LED -Super low-profile warning LED light bar fully integrated into the top of the windshield near the headliner. (Red/Blue operation. White "takedown" and "scene" capabilities)		
11.1.20	Forward Indicator Pocket Warning Light - Warn, Park, Turn (Driver side - Red / Passenger side - Blue).		
11.1.21	Rear Quarter Glass Side Marker LED Lights (Driver side - Red / Passenger side - Blue)		
11.1.22	Perimeter Anti-Theft Alarm - Activated by Hood, Door or Lift gate		
11.1.23	Trunk Storage Vault (Includes lockable door)		
11.2	Motorola Radio and Antenna Pre-wire installation Prep		
11.3	Havis or WMATA approved equal Vehicle Specific Console (With 4 power outlets, dual armrest, storage pocket and cup holder)		
11.4	Laptop Pole Mount passenger side mount, (complete Havis or WMATA approved equal setup for the Dell Latitude 14 Rugged) docking station and power supply. (Contact Chris Manning prior to ordering)		
11.5	Setina or WMATA approved equal dual weapon gun rack w/electric locks standard shotgun and Setina BLAC-RAC 1080E Freestand mount or WMATA approved equal (NO HANDCUFF KEYS)		
11.6	TruckVault or WMATA approved equal cabinet with two drawers and Spare Access Lift System		
11.7	Sharkee or WMATA approved equal Quad band antenna, 820-960MHz 3dB Gain Flexible Whip, Active GPS, Wi-Fi, quad band cellular		
11.8	THE ITEMS IN THIS SECTION MUST BE CODE 3 BRAND OR WMATA APPROVED EQUAL (CODE 3 CATALOG REFERENCE (LIGHTS & SIRENS))		
11.8.1	Siren and Speakers: (1) HWLFE13/Low Freq amp & speaker HOWLER Low Frequency Amp and Low Frequency Speaker		
11.9	Wiring Installation Schematics and Diagrams		
11.9.1	Wiring Installation Schematics and Diagrams: Wiring Block: Fuse panel blocks for 12+VDC, ignition and ground located in vehicle console utilizing standard ATC & ATM fuses		
11.9.2	Wiring Schematics: Bidder will supply custom wiring schematic/diagram of the installed electrical components		
11.9.3	Wiring Labels: Custom printed wire displaying upfitter name and circuit identification for lighting, siren and all power connections		
11.9.4	Wiring Routing: Accessory upfitter harness separate from vehicle to retain OEM warranty, power for upfit taken directly from battery and passed through resettable circuit breaker located in engine bay. Vehicles are pre wired with roof antennas, RG58 coaxial cable and fused 12+VDC, Ignition and ground located in the console for radio installation by WMATA		
11.9.5	Wire Connectors: All emergency equipment will use OEM/Weather-Pack connectors to make the connection from the incoming power source where applicable.		
11.10	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		

11.10.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.10.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.10.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.10.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.10.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.10.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.10.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
SECTION 12: BODY			
12.1	STANDARD FOR VEHICLE SPECIFIED		
12.2	DECALS WILL BE INSTALLED BY WMATA AFTER DELIVERY TO WMATA SITE		
12.3	BADGE DELETE: ALL POLICE INTERCEPTOR/SPECIAL SERVICE POLICE BADGING SHALL BE REMOVED FROM EXTERIOR		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA MTPD FLEET COORDINATOR OR SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: FIVE (5) YEARS/ 100,000 MILES		

FY-18 SERVICE VEHICLE PURCHASE

ITEM 13PD

**MTPD
VEHICLE SPECIFICATION**

PRISONER TRANSPORT VEHICLE (PTV)

PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)



March 30, 2017

Quantity 2 WMATA Shop #'s 21636, 21637

SECTION 1: GENERAL INFORMATION

1.1 **VEHICLE USAGE:** This vehicle specification describes a Four Wheel Drive (4WD) Cargo Van. Under normal conditions this vehicle will be used to transport Patrol Officers and multiple prisoners to various locations in the Washington Metropolitan Area

******* ATTENTION BIDDER ***** VERY IMPORTANT ***** READ BELOW *******

******* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH BID *******

BIDDER MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT

ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT

	A	B
SPECIFICATION		MEETS SPEC

SECTION 2: BASE VEHICLE

2.0	VEHICLE UPFITTING: MUST BE PERFORMED BY AN AUTHORIZED MASTER NATIONAL DISTRIBUTOR FOR A MINIMUM OF THREE (3) MAJOR MANUFACTURERS OF PUBLIC SAFETY EQUIPMENT. BIDDER MUST INCLUDE A MINIMUM OF THREE (3) REFERENCES FOR SERVICES PERFORMED		
2.1	YEAR	2017 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	CHEVROLET EXPRESS 3500, GMC SAVANA 3500, FORD TRANSIT 350 OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE		
2.3.1		FULL-SIZE CARGO VAN	
2.3.2		LOW ROOF	
2.3.3		SWING OUT CURB-SIDE & REAR DOORS	
2.3.4		SOLID PANELS (NO GLASS) ON ALL CARGO DOORS	
2.4	DRIVE TYPE		
2.4.1		FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEEL (SRW)	
2.4.2		FOUR WHEEL DRIVE SYSTEM: OEM, QUIGLEY 4x4 OR WMATA APPROVED EQUAL	
2.4.2.1		IF OEM FOUR WHEEL DRIVE SYSTEM IS NOT AVAILABLE THE VEHICLE SHALL BE EQUIPPED WITH QUIGLEY 4X4 OR WMATA APPROVED EQUAL FOUR WHEEL DRIVE SYSTEM. SHALL INCLUDE ALL COMPONENTS FOR A COMPLETE CONVERSION TO INCLUDE TRANSFER CASE WITH 4HI & 4LOW, SHIFTER, 4x4 INDICATOR LIGHT, FRONT HUB ASSEMBLY, 2" RIDE HEIGHT INCREASE. OEM DRIVELINE COMPONENTS MUST BE USED	
2.4.2.2		THE FOLLOWING OEM COMPONENTS MUST BE RETAINED ON THE VEHICLE: FRONT & REAR SUSPENSION, BRAKE & ABS SYSTEMS, WHEELS & TIRES, TRACTION CONTROL, TIRE PRESSURE MONITORING SYSTEM, ADVANCED TRAC w/ ROLL STABILITY CONTROL SYSTEM	
2.4.2.3		WARRANTY: 4x4 SYSTEM MUST MATCH THE OEM FACTORY WARRANTY & NOT VOID ANY PART OF THE OEM WARRANTY	
2.5	VEHICLE PAINT COLOR		
2.5.1		SOLID PAINT, SUMMIT WHITE (Base Color)	
2.5.2		Paint Scheme - The van will be painted as follows: 1/3 Front Section Ford LK-Blue, 1/3 Middle Section Chevy Summit White, 1/3 Rear Section Ford LK-Blue. REFERENCE PHOTOS INCLUDED AT END OF SPECS	

2.6	BIDDER MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			
SECTION 3: POWERTRAIN				
3.1	ENGINE	TURBOCHARGED DIESEL		
3.2	FUEL SYSTEM	DIESEL INJECTION		
3.3	ENGINE IDLE FEATURE	OEM FACTORY INSTALLED w/ HIGH IDLE SWITCH		
3.4	ENGINE BLOCK HEATER	OEM FACTORY INSTALLED		
3.5	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC w/ OVERDRIVE & TOW/HAUL MODE		
3.6	TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER		
SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS				
4.1	BATTERIES: DUAL HEAVY-DUTY			
4.1.1	SECOND BATTERY: SHALL BE ISOLATED			
4.1.2	TYPE & COLD CRANKING AMPS: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.3	MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE			
4.1.4	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING			
4.2	ALTERNATOR: HEAVY-DUTY			
4.2.1	TYPE & OUTPUT AMPERAGE: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			
4.3	BATTERY PROTECTION SYSTEM: MUST INCLUDE HAVIS CHARGE GUARD OR WMATA APPROVED EQUAL BATTERY PROTECTION SYSTEM			
4.4	MASTER BATTERY DISCONNECT SWITCH: TO ISOLATE ALL EMERGENCY EQUIPMENT & MOBILE RADIO			
SECTION 5: WEIGHT RATINGS				
5.1	FRONT GAWR	4,130 LBS.		
5.2	REAR GAWR	5,515 LBS.		
5.3	GVWR	9,250 LBS.		
SECTION 6: CHASSIS				
6.1	REAR DIFFERENTIAL	HEAVY-DUTY LOCKING OR LIMITED SLIP		
6.2	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.3	WHEELS	PAINTED STEEL		
6.4	SPARE TIRE & WHEEL	FULL-SIZE ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.5	STEERING	POWER ASSISTED		
6.6	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

SECTION 7: DIMENSIONS		
7.1	WHEEL BASE: MUST BE THE APPROPRIATE WHEELBASE TO ACCOMMODATE A 120" LONG PRISONER TRANSPORT INSERT	
7.2	OVERALL VEHICLE LENGTH: MUST BE THE APPROPRIATE LENGTH TO ACCOMMODATE A 120" LONG PRISONER TRANSPORT INSERT	
7.3	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE WHEEL BASE & OVERALL LENGTH OF THE VEHICLE THEY ARE OFFERING	
SECTION 8: INTERIOR		
8.1	FRONT PASSENGER CAPACITY	TWO (2)/ INDIVIDUAL BUCKET SEATS
8.2	SEATING	
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS
8.2.2	MATERIAL	HEAVY-DUTY CLOTH
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS
8.2.6	ARMRESTS	INBOARD
8.3	FRONT DOME LIGHT(S)	OEM FACTORY INSTALLED
8.4	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FRONT FLOOR AREA. NO FLOOR COVERING IN CARGO AREA
8.5	AUXILLIARY POWER OUTLETS	FOUR (4) 12V POWER OUTLETS IN DRIVER'S COMPARTMENT
8.6	110V AC POWER OUTLET	OEM FACTORY INSTALLED OR WMATA APPROVED EQUAL. MOUNTED IN DRIVER'S COMPARTMENT. BIDDER SHALL PROVIDE ALL NECESSARY SYSTEM COMPONENTS, MOUNTING BRACKETS, HARDWARE, PROPER WIRING & CIRCUIT PROTECTION
8.7	AUDIO SYSTEM	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE
8.8	USB PORT	IN DRIVER'S COMPARTMENT
8.9	NAVIGATION SYSTEM	OEM FACTORY INSTALLED OR AFTERMARKET
8.10	VOICE ACTIVATED COMMUNICATIONS	INCLUDING BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS
8.11	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS
8.12	CRUISE CONTROL	w/ STEERING WHEEL CONTROLS
8.13	CLIMATE CONTROL	
8.13.1	FRONT PASSENGER COMPARTMENT	HEAT, VENTILATION & AIR CONDITIONING (HVAC)
8.13.2	CARGO AREA	
8.13.2.1	HEAT	DRIVER CONTROLLED OEM REAR HEAT
8.13.2.2	AIR CONDITIONING	DRIVER CONTROLLED OEM REAR AIR CONDITIONING UNIT w/ REAR AC BLOWER
8.13.3	SUPPLEMENTAL HEATER	SUPPLEMENTAL HEAT SOURCE FOR THE FRONT HEATER & REAR AUXILIARY HEATER TO RAPIDLY BRING THE INTERIOR TEMPERATURE TO A COMFORTABLE LEVEL
8.14	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY. TOTAL OF SIX (6) KEY FOBs ARE REQUIRED
8.15	KEYS	SIX (6) UNIQUE KEYS FOR SIDE CARGO AND REAR DOORS. MUST BE DIFFERENT KEY CUT FROM IGNITION AND FRONT DOOR KEY

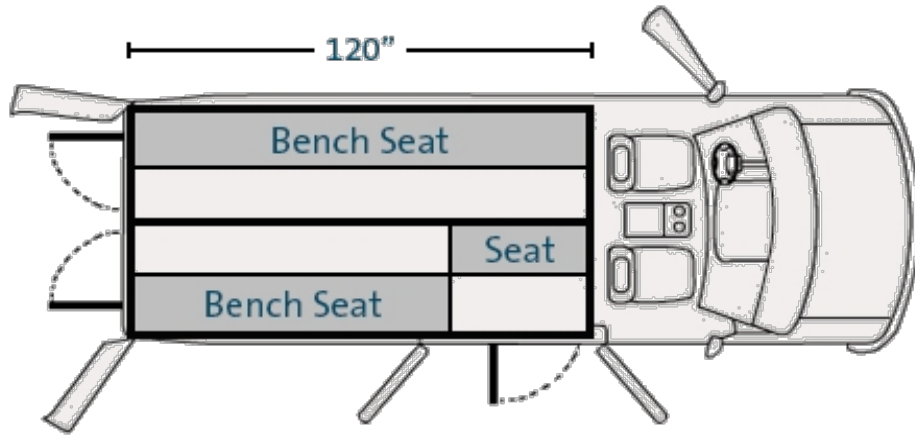
8.16	REMOTE ENGINE START	REMOTE VEHICLE STARTER SYSTEM		
8.17	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.18	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHERS		
8.19	GLASS	SOLAR-TINTED		
SECTION 9: EXTERIOR				
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	MIRRORS	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		SHORT ARM		
9.3	STEPS	OEM OR WMATA APPROVED EQUAL STEPS AT DRIVER'S & FRONT PASSENGER DOORS		
SECTION 10: SAFETY RELATED SPECIFICATIONS				
10.1	AIR BAGS	DRIVER & PASSENGER, FRONT		
10.2	SEAT BELTS	DRIVER & PASSENGER, FRONT		
10.2.1		RETRACTABLE		
10.2.2		THREE POINT		
10.3	FORWARD COLLISION ALERT	OEM FACTORY INSTALLED		
10.4	LANE DEPARTURE WARNING	OEM FACTORY INSTALLED		
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.7	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.8	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.9	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.10	EXTERIOR AUDIBLE REVERSE ALARM	INSTALL OEM MODEL, GROTE MODEL 73110 OR WMATA APPROVED EQUAL		
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER				
11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	READER: MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE			
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	BATTERY POWER: MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVLENT)			

11.0.7	IGNITION POWER: MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	ALL CONNECTIONS: MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1	THE ITEMS IN THIS SECTION MUST BE HAVIS BRAND OR WMATA APPROVED EQUAL:		
11.1.1	Three (3) compartment Cargo Van Prisoner Transport Insert		
11.1.2	Insert shall be 120" long		
11.1.3	All aluminum construction with steel doors and hardware, with drain ports		
11.1.4	White powder coat finish (bulkheads, doors & hatches)		
11.1.5	Transport capacity for up to 12 prisoners		
11.1.6	Seat belts, seat dividers, and grab straps included for each seat location		
11.1.7	Heavy-duty "Slam Latch" doors		
11.1.8	Emergency exit hatch for each compartment		
11.1.9	Non-slip seat tops and aluminum floor		
11.1.10	Insert must be free of sharp edges and protruding hardware		
11.1.11	Interior LED lighting in all prisoner compartments (protected with polycarbonate)		
11.1.12	10" x 48" non-slip rear step		
11.1.13	Rear Flip Down Step: Attaches to rear step for safe entry and exit of the van		
11.1.13.1	If vehicle is equipped with a Reverse Sensing System it must include a driver's manual over-ride for the audible warning		
11.1.14	10" x 30" non-slip side out step (for side compartment units)		
11.1.15	OEM HVAC System Vent Adapter: Rear A/C vent adapter for Prisoner Transport Van; Connects to OEM rear A/C blower		
11.1.16	Aftermarket Heat/Cooling System: Connects to OEM front system to provide rear compartment climate control		
11.1.17	Video System Option: View inside a triple compartment insert. Includes three cameras to view inside each compartment of the insert. Rear cameras with recording device audio and visual with 500GB - 1TGB DVR Storage and 7" monitor with locking cabinet and swappable hard drives		
11.1.18	Havis brand or WMATA approved equal Vehicle Specific Console (With 4 power outlets, dual armrest, storage pocket and dual cup holder)		
11.2	Safe Stop or WMATA approved equal Vehicle Anti-theft System		
11.3	Motorola or WMATA approved equal Radio and Antenna Pre-wire installation Prep		
11.4	Havis Brand or WMATA approved equal Laptop Pole Mount. Must be set up for the Dell E420 ATG docking station and power supply		
11.5	Antenna Plus AP-CWG-A-S222-RP2-WH or WMATA approved equal AVL Antenna mounted behind the rooftop light bar or Sharkee or WMATA approved equal Quad band antenna, 820-960MHz 3dB Gain Flexible Whip, Active GPS, Wi-Fi, quad band cellular (either that fits best with placement. Run antennas to the Havis console.)		
11.6	Setina or WMATA approved equal dual weapon gun rack w/electric locks standard shotgun and Setina BLAC-RAC 1080E Partition mount (NO HANDCUFF KEYS)		
11.7	THE ITEMS IN THIS SECTION MUST BE CODE 3 BRAND OR WMATA APPROVED EQUAL (CODE 3 CATALOG REFERENCE (LIGHTS & SIRENS))		
11.7.1	Light bar: Multicolor Defender w/TC ² Configuration# C81908: (1) Defender with TC ² Light (Lights red/white and blue/white, w/full front takedown and full sized ArrowStik in the rear)		

11.7.2	Exterior Lighting		
11.7.2.1	(4) XT6MCRB: Rear Door Lights		
11.7.2.2	(4) HB-6PAK Hide-A-Blast Corner LED System (Like or Comparable)		
11.7.2.3	(1) XT308AS Red/Blue Rear Roof Mounted		
11.7.3	Flashers and Perimeter Lights		
11.7.3.1	(2) 920-10TH Headlight Flasher (Like or Comparable)		
11.7.3.2	(2) LXEXB1F-R Exterior Red Fender Lights		
11.7.3.3	(2) LXEXB1F-B Exterior Blue Fender Lights		
11.7.3.4	(2) LXEXB1F-RB License Plate Light Red/Blue		
11.7.3.5	(2) ENT2B3W SoundOff Intersector Light head, under mirror mount, clear (Like or Comparable)		
11.7.3.6	(4) XT6MCRB Grill Lights		
11.7.4	Siren and Speakers		
11.7.4.1	(1) CCSRN36 CenCOM Siren Light Controller		
11.7.4.2	(1) C3100 Speaker		
11.7.4.3	(1) HWLFT11/Low Freq amp & speaker HOWLER Low Frequency Amp and Low Frequency Speaker (Like or Comparable)		
11.8	Wiring Installation Schematics and Diagrams		
11.8.1	Wiring Block: Fuse panel blocks for 12+VDC, ignition and ground located in vehicle console utilizing standard ATC & ATM fuses		
11.8.2	Wiring Schematics: Bidder will supply custom wiring schematic/diagram of the installed electrical components		
11.8.3	Wiring Labels: Custom printed wire displaying upfitter name and circuit identification for lighting, siren and all power connections		
11.8.4	Wiring Routing: Accessory upfitter harness separate from vehicle to retain OEM warranty, power for upfit taken directly from battery and passed through resettable circuit breaker located in engine bay. Vehicles are pre wired with roof antennas, RG58 coaxial cable and fused 12+VDC, Ignition and ground located in the console for radio installation by WMATA		
11.8.5	Wire Connectors: All emergency equipment will use OEM/Weather-Pack connectors to make the connection from the incoming power source where applicable.		
11.9	AFTERMARKET/ ADD-ON ELECTRICAL & LIGHTING COMPONENTS		
11.9.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.9.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.9.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.9.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.9.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.9.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.9.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
SECTION 12: BODY			
12.1	STANDARD FOR VEHICLE SPECIFIED		
12.2	BADGE DELETE: DELETE ALL EXTERIOR ORNAMENTATION		
SECTION 13: ADDITIONAL SPECIFICATIONS			
13.1	PRE-CONSTRUCTION MEETING: BIDDER MUST CONTACT THE WMATA MTPD FLEET COORDINATOR OR SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE BIDDER, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		

13.2	WHEEL ALIGNMENT: SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)			
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		

Prisoner Transport Insert Configuration



Pictured vehicles are for paint scheme reference only.