



SOLICITATION ADDENDUM

CITY OF GLENDALE
Procurement Division
5850 W. Glendale Avenue
Suite 317
Glendale, AZ 85301

Solicitation Number: **RFP 19-07 Addendum No. 2** Page 1 of 4

Solicitation Due Date: December 14, 2018 2:00 P.M. (Local Time)

RFP 19-07

TRAFFIC ENGINEERING AND OPERATIONS EQUIPMENT ADDENDUM NO. 2

As a result of the pre-proposal conference conducted on November 27, 2018, the following revisions and clarifications have been made to Request for Proposal No. 19-07:

1. Bidders' Questions and the City's Response are as follows:

- 1.1 QUESTION:** Item# 2, Page 19, Field Switch. This bid item shows 7 bid items but only a unit price for one. How would you like vendors to bid on the 7 bid items?
RESPONSE: Seven separate item numbers, one for each approved device is added in the attached REVISED Core Products List Price Sheet.
- 1.2 QUESTION:** Item# 17, Page 28, TS2 Cabinet Power Supply. The specs listed under this bid refer to cabinet specs and not the TS2 Cabinet power supply.
RESPONSE: The specs for the Cabinet Power Supply are located under Item# 17, Auxiliary Devices, Section 0.6.
- 1.3 QUESTION:** Item# 32 & 33, Page 66, Will the push button systems require remote access?
RESPONSE: No, it is not required to have remote access as long as it can be programmed with direct connection.
- 1.4 QUESTION:** Item# 34, This is a fairly heavy gauge and the weight is a lot. How do you want it packaged?
RESPONSE: This needs to be packaged in 500 foot rolls on a 30"x24" reel. (See attached REVISED Core Products List Price Sheet)
- 1.5 QUESTION:** Item# 96. Price Sheet only indicates that the pricing is per each, but the Wireless Detection system components will vary depending on intersection size and lane configuration. Is there a standard size intersection we should use to calculate the system price?
RESPONSE: Each individual component of the system may be listed and priced. (See REVISED Core Products List Price Sheet Item# 96).
- 1.6 QUESTION:** Item# 97, Time Activated School Zone Flasher appears to have a mixed specification that includes the details of both a school zone flashing beacon system and a radar speed feedback sign. Can you please clarify whether Item# 97 is meant to be a scheduled school zone flashing beacon system, or whether it is meant to be another solar



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power radar speed feedback sign?

RESPONSE: The specs for Item# 97 is incorrect. This item is meant to be Time Activated School Zone Flasher. The Part# is Solar Powered Eltec School Zone Flashing Beacon with NC-17 programmable clock (or approved equal). (See attached REVISED Core Products List Price Sheet).

1.7 QUESTION: If Item# 97 is meant to be a school zone flashing beacon system, can you please confirm how you would like the beacon to be scheduled (local programming, 3rd party time switch, remote monitoring and scheduling)? Could you also specify whether an 8" or 12" beacon is required and the associated quantity of beacons per pole?

RESPONSE: Item# 97 is meant to be a school zone flashing beacon system. This is scheduled by local programming. If remote monitoring and scheduling is an option, then it should be listed and submitted as a separate item. The beacon shall be 8" yellow vdc. If 12" is an option then it should be listed and submitted as a separate item. (See attached REVISED Core Products List Price Sheet).

1.8 QUESTION: Item# 97 specification needs clarification.

RESPONSE: Price Sheet Item# 97 has been revised to specify Brand name or Approved Equal. (See attached REVISED Core Products List Price Sheet).

1.9 QUESTION: Item# 98 specification needs clarification.

RESPONSE: : Price Sheet Item# 98 has been revised to specify Brand name or Approved Equal. (See attached REVISED Core Products List Price Sheet)

1.10 QUESTION: Item# 99 specification needs clarification.

RESPONSE: : Price Sheet Item# 99 has been revised to specify Brand name or Approved Equal. (See attached REVISED Core Products List Price Sheet).

1.11 QUESTION: Item# 119, What size is this roll of Type IV sheeting?

RESPONSE: Type IV sheeting shall be in sizes 30"x 50 yd and 36" x 50 yd rolls. (See attached REVISED Core Products List Price Sheet).

1.12 QUESTION: Item# 119, Is it correct to assume that quantity is Total Square Feet and not number of rolls?

RESPONSE: Quantities are requested in square footage not number of rolls.

1.13 QUESTION: Item# 141 needs specifications.

RESPONSE: Price Sheet Item# 141 has been revised as follows:

141.A, "Aluminum Traffic Sign Blanks, .100" gauge

141.B, "Aluminum Traffic Sign Blanks, .080" gauge

(See attached REVISED Core Products List Price Sheet).



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- 1.14 QUESTION:** For Item #'s 161 through 167, we would like you to consider Raised Pavement Markers with Pressure Sensitive Adhesive attached to these markers.
RESPONSE: Item #'s 161 through 167 will stay as is. We have decided that based on our roadway material, we will not be purchasing any pressure sensitive adhesive roadway markers.
- 1.15 QUESTION:** For Item# 187, we would like to encourage Glendale to specify the RR Crossing.
RESPONSE: Item# 187 specs is revised as, "Patterned, RR 72" Crossing Kit" (See attached REVISED Core Products List Price Sheet).
- 1.16 QUESTION:** For Item# 188, There is no size specified.
RESPONSE: Price Sheet Item# 188 description is revised as follows:
"Patterned, 72" Helmeted Bicyclist Symbol."
Price Sheet Item# 189 and Equipment Specifications Item# 189 has been deleted. (See attached REVISED Core Products List Price Sheet).
- 1.17 QUESTION:** Core items-Is it possible for a core item to be awarded to multiple vendors?
RESPONSE: Yes
- 1.18 QUESTION:** Tariff Tax-Come January 1st, if tariff taxes are imposed, how does the City want the vendors to handle the tax?
RESPONSE: Tariff tax should be included as a separate line item in the Contractor's invoice.
- 1.19 QUESTION:** Descriptive Literature-Does the City want descriptive literature for both Core Bid Items and the Catalog?
RESPONSE: If you're bidding on the same exact brand as stated in the Core Items List, you may not need to submit a descriptive literature with your bid. However, if you're submitting a different brand name or equivalent product, you may need to submit detailed description about the product so the City can evaluate that product appropriately.

Regarding the Catalog, please make sure your catalog contains catalog prices, product description, brand name, make and model of each product offered.



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All other solicitation provisions, terms and conditions and scope of work shall remain the same. Offerors must acknowledge receipt and acceptance by returning this addendum with their proposal.

Name of Company: _____

Address: _____

Authorized Signature: _____

Print Name and Title: _____

City of Glendale
Traffic Engineering and Operations Equipment
REVISED Core Products List Price Sheet

Instructions: Offerors shall submit pricing, brand names and catalog product information as completely as possible in the Core Products List below.
(See Appendix A for detailed Equipment Specifications)

Equipment Category	Item No.	Item Description	Unit of Measure	Annual Estimated Quantity (A)	Unit Price (B)	Extended Price (A X B)	Brand Name	Catalog Page & Product No.
ITS	1	CCTV Camera	EACH	15	\$	\$		
ITS	2	Field Switch						
ITS	2.1	Field Switch, Siemens-Ruggedcom RSG900	EACH	3	\$	\$		
ITS	2.2	Field Switch, Siemens-Ruggedcom RSG2200	EACH	2	\$	\$		
ITS	2.3	Field Switch, Siemens-Ruggedcom 6GK6024	EACH	2	\$	\$		
ITS	2.4	Field Switch, EDS MOXA	EACH	2	\$	\$		
ITS	2.5	Field Switch, COMNET, CNGE20MS	EACH	2	\$	\$		
ITS	2.6	Field Switch, COMNET, CNGE11FX3TX8MS	EACH	2	\$	\$		
ITS	2.7	Field Switch, COMNET, CNGE12FX4TX8MS	EACH	2	\$	\$		
ITS	3	Distribution Switch	EACH	5	\$	\$		
ITS	4	Hub Cisco Router	EACH	1	\$	\$		
ITS	5	12 Strand Single Mode Fiber Optic	L. FT	200	\$	\$		
ITS	6	24 Strand Single Mode Fiber Optic	L. FT	200	\$	\$		
ITS	7	72 Strand Single Mode Fiber Optic	L. FT	3,500	\$	\$		
ITS	8	96 Strand Single Mode Fiber Optic	L. FT	3,500	\$	\$		
ITS	9	Dynamic Message Sign (DMS) Amber	EACH	1	\$	\$		
ITS	10	Dynamic Message Sign (DMS) Full-color	EACH	1	\$	\$		
ITS	11	Lane Control Sign (LCS)	EACH	6	\$	\$		
ITS	12	Radar Detection - Stop Bar	EACH	16	\$	\$		
ITS	13	Radar Detection - Advanced	EACH	4	\$	\$		
ITS	14	Radar Detection - Midblock	EACH	1	\$	\$		
ITS	15	Travel-Time Reader	EACH	5	\$	\$		
Traffic Signal	16	TS2 Type 1 cabinet	EACH	5	\$	\$		
Traffic Signal	17	TS2 Cabinet Power Supply	EACH	5	\$	\$		
Traffic Signal	18	TS2 Type 2 Controller	EACH	5	\$	\$		
Traffic Signal	19	Malfunction Monitor Unit (MMU)	EACH	5	\$	\$		
Traffic Signal	20	TS2 Bus Interface Unit (BIU)	EACH	40	\$	\$		
Traffic Signal	21	TS2 Load Switch	EACH	80	\$	\$		
Traffic Signal	22	TS2 Flasher Unit	EACH	24	\$	\$		
Traffic Signal	23	Flash Transfer Relay - 120 VAC	EACH	24	\$	\$		
Traffic Signal	24	Electrical Meter Pedestal	EACH	5	\$	\$		
Traffic Signal	25	12" Red Circular LED Indication	EACH	100	\$	\$		
Traffic Signal	26	12" Yellow Circular LED Indication	EACH	50	\$	\$		
Traffic Signal	27	12" Green Circular LED Indication	EACH	100	\$	\$		
Traffic Signal	28	12" Red Arrow LED Indication	EACH	75	\$	\$		
Traffic Signal	29	12" Yellow Arrow LED Indication	EACH	25	\$	\$		
Traffic Signal	30	12" Green Arrow LED Indication	EACH	50	\$	\$		
Traffic Signal	31	16 x 18 Pedestrian Countdown LED Indication Module	EACH	60	\$	\$		
Traffic Signal	32	2 Wire Accessible Pedestrian Push Button with 9" x 15" Sign	EACH	2	\$	\$		
Traffic Signal	33	4 Wire Accessible Pedestrian Push Button with 9" x 15" Sign	EACH	40	\$	\$		
Traffic Signal	34	No. 14 19-1 IMSA Signal Conductor Cable (21 conductor) Stranded. Packaged in 500 ft rolls on a 30"x24" reel.	L. FT	20,000	\$	\$		
Traffic Signal	35	No. 14 19-1 IMSA Signal Conductor Cable (12 conductor) Stranded	L. FT	10,000	\$	\$		
Traffic Signal	36	No. 14 19-1 IMSA Signal Conductor Cable (7 conductor) Stranded	L. FT	5,000	\$	\$		
Traffic Signal	37	No. 14 19-1 IMSA Signal Conductor Cable (4 conductor) Stranded	L. FT	5,000	\$	\$		
Traffic Signal	38	No. 14 50-2 IMSA Loop Lead-In Cable Stranded	L. FT	25,000	\$	\$		
Traffic Signal	39	No. 12 Lighting Conductor Cable THHN or THHW or XHHW (3 conductor: Black White Green) Solid	L. FT	30,000	\$	\$		
Traffic Signal	40	No. 8 Conductor, Bare Copper, Solid	L. FT	15,000	\$	\$		
Traffic Signal	41	No. 6 Conductor, Bare Copper, Solid	L. FT	15,000	\$	\$		
Traffic Signal	42	No. 1 Pull Box	EACH	5	\$	\$		
Traffic Signal	43	No. 1.5 Pull Box	EACH	5	\$	\$		

Traffic Signal	44	No. 3.5 Pull Box	EACH	5	\$	\$		
Traffic Signal	45	No. 5 Pull Box	EACH	5	\$	\$		
Traffic Signal	46	No. 7 Pull Box	EACH	10	\$	\$		
Traffic Signal	47	No. 7 Pull Box Extension	EACH	5	\$	\$		
Traffic Signal	48	No. 1 Pull Box Lid	EACH	5	\$	\$		
Traffic Signal	49	No. 1.5 Pull Box Lid	EACH	5	\$	\$		
Traffic Signal	50	No. 3.5 Pull Box Lid	EACH	5	\$	\$		
Traffic Signal	51	No. 5 Pull Box Lid	EACH	20	\$	\$		
Traffic Signal	52	No. 7 Pull Box Lid	EACH	20	\$	\$		
Traffic Signal	53	Type F Signal Head	EACH	25	\$	\$		
Traffic Signal	54	Type R Signal Head	EACH	15	\$	\$		
Traffic Signal	55	Type Q Signal Head	EACH	20	\$	\$		
Traffic Signal	56	Type G Signal Head	EACH	30	\$	\$		
Traffic Signal	57	Type T Signal Head	EACH	1	\$	\$		
Traffic Signal	58	Traffic Signal Head Backplate Retroreflective, Fluorescent Yellow Tape, Type XI, 3"	SQ. FT.	5,000	\$	\$		
Traffic Signal	59	Pedestrian Signal Head Housing	EACH	10	\$	\$		
Traffic Signal	60	Type II Signal Mount	EACH	25	\$	\$		
Traffic Signal	61	Type V Signal Mount	EACH	25	\$	\$		
Traffic Signal	62	Type VII Signal Mount	EACH	5	\$	\$		
Traffic Signal	63	Vertical Hanger Signal Mount	EACH	50	\$	\$		
Traffic Signal	64	Type A Signal Structure	EACH	10	\$	\$		
Traffic Signal	65	Type G Signal Structure	EACH	1	\$	\$		
Traffic Signal	66	Signal Pole, Type Q104	EACH	1	\$	\$		
Traffic Signal	67	Signal Pole, Type Q106	EACH	1	\$	\$		
Traffic Signal	68	Signal Pole, Type Q108	EACH	1	\$	\$		
Traffic Signal	69	Signal Pole, Type Q114	EACH	2	\$	\$		
Traffic Signal	70	Signal Pole, Type Q116	EACH	2	\$	\$		
Traffic Signal	71	Luminaire Mast Arm, Type Q104	EACH	1	\$	\$		
Traffic Signal	72	Luminaire Mast Arm, Type Q106/Q108	EACH	1	\$	\$		
Traffic Signal	73	Luminaire Mast Arm, Type Q114/Q116	EACH	4	\$	\$		
Traffic Signal	74	Signal Mast Arm, Type Q104 25 Foot	EACH	1	\$	\$		
Traffic Signal	75	Signal Mast Arm, Type Q106 30 Foot	EACH	1	\$	\$		
Traffic Signal	76	Signal Mast Arm, Type Q106 35 Foot	EACH	1	\$	\$		
Traffic Signal	77	Signal Mast Arm, Type Q106 40 Foot	EACH	1	\$	\$		
Traffic Signal	78	Signal Mast Arm, Type Q108 40 Foot	EACH	1	\$	\$		
Traffic Signal	79	Signal Mast Arm, Type Q108 45 Foot	EACH	1	\$	\$		
Traffic Signal	80	Signal Mast Arm, Type Q108 50 Foot	EACH	1	\$	\$		
Traffic Signal	81	Signal Mast Arm, Type Q108 55 Foot	EACH	1	\$	\$		
Traffic Signal	82	Signal Mast Arm, Type Q114 30 Foot	EACH	1	\$	\$		
Traffic Signal	83	Signal Mast Arm, Type Q114 35 Foot	EACH	1	\$	\$		
Traffic Signal	84	Signal Mast Arm, Type Q114 40 Foot	EACH	1	\$	\$		
Traffic Signal	85	Signal Mast Arm, Type Q114 45 Foot	EACH	1	\$	\$		
Traffic Signal	86	Signal Mast Arm, Type Q116 50 Foot	EACH	1	\$	\$		
Traffic Signal	87	Signal Mast Arm, Type Q116 55 Foot	EACH	1	\$	\$		
Traffic Signal	88	Pedestrian Push Button Pole, 5'-6"	EACH	16	\$	\$		
Traffic Signal	89	Rotatable Mast Arm Clamp	EACH	1	\$	\$		
Traffic Signal	90	1 Camera Video Detection System	EACH	1	\$	\$		
Traffic Signal	91	2 Camera Video Detection System	EACH	1	\$	\$		
Traffic Signal	92	3 Camera Video Detection System	EACH	1	\$	\$		
Traffic Signal	93	4 Camera Video Detection System	EACH	1	\$	\$		
Traffic Signal	94	Internally Illuminated Street Name Sign LED-Ready	EACH	20	\$	\$		
Traffic Signal	95	Internally Illuminated Street Name Sign LED Conversion Kit	EACH	1	\$	\$		
Traffic Signal	96	Wireless Detection	EACH	1	\$	\$		
Traffic Signal	96.1	Wireless Detection system component:_____	EACH	1	\$	\$		
Traffic Signal	96.2	Wireless Detection system component:_____	EACH	1	\$	\$		
Traffic Signal	96.3	Wireless Detection system component:_____	EACH	1	\$	\$		
Traffic Signal	96.4	Wireless Detection system component:_____	EACH	1	\$	\$		
Traffic Signal	96.5	Wireless Detection system component:_____	EACH	1	\$	\$		
Engineering	97	Time Activated School Zone Flasher (for school zone flashing beacon system), Eltec School Zone Flashing Beacon with NC-17 Clock or TC300 Clock or Approved Equal.	EACH	10	\$	\$		

Engineering	98	Solar Power Radar Speed Feedback Signs (black & white), Information Display Speedcheck Radar Speed Signs, 15" Solar Radar Speed Sign (Fluorescent & White Sheeting) with Slow Down message or Approved Equal.	EACH	10	\$	\$		
Engineering	99	Solar Power Radar Speed Feedback Signs (Fluorescent Green and Black), Information Display Speedcheck Radar Speed Signs, 18" Solar Radar Speed Sign (Fluorescent & White Sheeting) with Slow Down message or Approved Equal.	EACH	10	\$	\$		
Sign Hardware	100	Bolt Flared Leg Bracket 0.075" Thick Stainless Steel with SS Bolt and Washer	EACH	2,500	\$	\$		
Sign Hardware	101	Valustrap Banding 100ft roll .20" thick 1/2"	EACH 100 FT ROLL	10	\$	\$		
Sign Hardware	102	Band-it Buckles Ear-Lokt Buckles Type 201 1/2"	EACH	1,000	\$	\$		
Sign Hardware	103	Tamper Resistant Button Head Bolt 5/16" -18 x 3/4"	EACH	2,000	\$	\$		
Sign Hardware	104	Hex Drive Cup Diameter 5/16" -18 length 5/16" and 3/8"	EACH	2,000	\$	\$		
Sign Hardware	105	Tuff Nuts 5/16"-18	EACH	2,000	\$	\$		
Sign Hardware	106	Banding Tool C075	EACH	3	\$	\$		
Sign Hardware	107	45 Degree Offset Fitting (Bracket)	EACH	500	\$	\$		
Sign Hardware	108	Steel Drive Rivets 3/8" x 1"	EACH	500	\$	\$		
Sign Brackets	109	5 1/2" Crosspiece 90 Degree (DISREGARD- THIS IS NOT USED BY THE CITY)	NA	NA	NA	NA	NA	NA
Sign Brackets	110	12" Crosspiece 90 Degree	EACH	3,000	\$	\$		
Sign Brackets	111	12" Cap for 2 3/8" OD Pipe	EACH	500	\$	\$		
Sign Brackets	112	12" Cap 1 3/4" Square Tube (Telspar)	EACH	500	\$	\$		
Sign Brackets	113	Cantilever Arm Support 24"	EACH	500	\$	\$		
Sign Post	114	Sign Post 1 3/4" x 1 3/4" x 9'	L. FT.	1,500	\$	\$		
Sign Post	115	Sign Post 1 3/4" x 1 3/4" x 11'	L. FT.	1,500	\$	\$		
Sign Post	116	Sign Post 1 3/4" x 1 3/4" x 12'	L. FT.	1,500	\$	\$		
Sign Post	117	Sign Post Base 2" x 2" x 3'	EACH	1,500	\$	\$		
Sign Post	118	Sign Post Sleeve 2 1/4" x 2 1/4" x 18'	EACH	1,500	\$	\$		
Sign Sheeting	119	Type IV Sheeting, Reflectorized Standard roll without holes (30"x50yd and 36"x50yd rolls)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	120	Type IV Sheeting, Reflectorized 24 inch wide by 50 yard long standard roll (300 square feet)	SQ. FT.	500	\$	\$		
Sign Sheeting	121	Type IV Sheeting, Reflectorized 36 inch wide by 50 yard long standard roll (450 square feet)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	122	Type IV Sheeting, Reflectorized 48 inch wide by 50 yard long standard roll (600 square feet)	SQ. FT.	500	\$	\$		
Sign Sheeting	123	Type XI Sheeting Reflectorized 24 inch wide by 50 yard long standard roll (300 square feet)	SQ. FT.	500	\$	\$		
Sign Sheeting	124	Type XI Sheeting, Reflectorized 30 inch wide by 50 yard long roll (375 square feet). Standard roll without holes	SQ. FT.	500	\$	\$		
Sign Sheeting	125	Type XI Sheeting, Reflectorized 36 inch wide by 50 yard long standard roll (450 square feet)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	126	Type XI Sheeting, Reflectorized 12.75 inch wide by 50 yard long standard roll (159.4 square feet)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	127	Sheeting, Reflectorized 30 inch wide by 50 yard long standard roll of acrylic transparent/translucent overlay highway sign grade film (375 square feet). Standard roll without holes	SQ. FT.	2,000	\$	\$		
Sign Sheeting	128	Sheeting, Reflectorized 36 inch wide by 50 yard long standard roll of acrylic transparent/translucent overlay highway sign grade film (450 square feet)	SQ. FT.	2,000	\$	\$		

Sign Sheeting	129	Sheeting, Reflectorized 48 inch wide by 50 yard long standard roll of acrylic transparent/translucent overlay highway sign grade film (600 square feet)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	130	Sheeting, Reflectorized 24 inch wide by 50 yard long standard roll of acrylic opaque black overlay highway sign grade film (300 square feet). Standard roll without holes.	SQ. FT.	500	\$	\$		
Sign Sheeting	131	Sheeting, Reflectorized 30 inch wide by 50 yard long roll of acrylic opaque black overlay highway sign grade film (375 square feet). Roll with pre-punched holes.	SQ. FT.	500	\$	\$		
Sign Sheeting	132	Sheeting, Reflectorized 30 inch wide by 50 yard long roll of acrylic opaque black overlay highway sign grade film (375 square feet). Standard roll without holes.	SQ. FT.	500	\$	\$		
Sign Sheeting	133	Sheeting, Reflectorized 36 inch wide by 50 yard long standard roll of acrylic opaque black overlay highway sign grade film (450 square feet)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	134	Sheeting, Reflectorized 48 inch wide by 50 yard long standard roll of acrylic opaque black overlay highway sign grade film (600 square feet)	SQ. FT.	2,000	\$	\$		
Sign Sheeting	135	Type XI Sheeting, Reflectorized 24 inch wide by 50 yard long roll (300 square feet) of fluorescent yellow	SQ. FT.	500	\$	\$		
Sign Sheeting	136	Type XI Sheeting, Reflectorized 30 inch wide by 50 yard long roll (375 square feet) of fluorescent yellow	SQ. FT.	500	\$	\$		
Sign Sheeting	137	Type XI Sheeting, Reflectorized 36 inch wide by 50 yard long roll (450 square feet) of fluorescent yellow	SQ. FT.	2,000	\$	\$		
Sign Sheeting	138	24" x 50 yd of Premium transparent POF which resists stains, solvents, graffiti, and stickers. UV resistant with less than 6% reflectivity loss from initial retro-reflectivity values	SQ. FT.	2,000	\$	\$		
Sign Sheeting	139	30" x 50 yd of Premium transparent POF which resists stains, solvents, graffiti, and stickers. UV resistant with less than 6% reflectivity loss from initial retro-reflectivity values	SQ. FT.	2,000	\$	\$		
Sign Sheeting	140	36" x 50 yd of Premium transparent POF which resists stains, solvents, graffiti, and stickers. UV resistant with less than 6% reflectivity loss from initial retro-reflectivity values	SQ. FT.	2,000	\$	\$		
Sign Sheeting	141	Aluminum Traffic Sign Blanks						
	141.A	Aluminum Traffic Sign Blanks, .100" gauge	SQ. FT.	25,000	\$	\$		
	141.B	Aluminum Traffic Sign Blanks, .080" gauge	SQ. FT.	25,000	\$	\$		
Sign Sheeting	142	Finished Signs with .100 aluminum, Type XI Sheeting Reflectorized	SQ. FT.	15,000	\$	\$		
Sign Sheeting	143	Finished Signs with .100 aluminum, Type IV Sheeting Reflectorized	SQ. FT.	15,000	\$	\$		
Sign Sheeting	144	Finished Signs with .080 aluminum, Type XI Sheeting Reflectorized	SQ. FT.	15,000	\$	\$		
Sign Sheeting	145	Finished Signs with .080 aluminum, Type IV Sheeting Reflectorized	SQ. FT.	15,000	\$	\$		
Sign Sheeting	146	TPMS, Clear Transfer Tape or Equivalent	L. FT.	2,000	\$	\$		
Sign Sheeting	147	Clear EC Film 1170	SQ. FT.	2,000	\$	\$		
Sign Sheeting	148	HP 831 A MAGENTA, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	149	HP 831 A LIGHT MAGENTA, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	150	HP 831 A LIGHT CYAN, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	151	HP 831 A CYAN, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	152	HP 831 LATEX OPTIMIZER, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	153	HP 831 A YELLOW, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	154	HP 831 A BLACK, Capacity 775 ml	EACH	5	\$	\$		
Sign Sheeting	155	HP 831 LATEX OPTIMIZER 1	EACH	3	\$	\$		
Sign Sheeting	156	HP 831 LIGHT MAGENTA-LIGHT CYAN 2	EACH	3	\$	\$		
Sign Sheeting	157	HP 831 CYAN-BLACK 3	EACH	3	\$	\$		
Sign Sheeting	158	HP 831 CYAN-BLACK 4	EACH	3	\$	\$		
Sign Sheeting	159	HP 831 MAGENTA-YELLOW 5	EACH	3	\$	\$		

Sign Sheeting	160	HP 831 MAGENTA-YELLOW 6	EACH	3	\$	\$		
Raised Pavement Markers	161	Pavement Marker 4" x 4", 2-Way Yellow	EACH	50	\$	\$		
Raised Pavement Markers	162	Pavement Marker 4" x 4", 2-Way White	EACH	50	\$	\$		
Raised Pavement Markers	163	Pavement Marker 4" x 4", 1-Way Yellow	EACH	50	\$	\$		
Raised Pavement Markers	164	Pavement Marker 4" x 4", 1-Way White	EACH	50	\$	\$		
Raised Pavement Markers	165	Pavement Marker 4" x 4", Yellow/Red	EACH	50	\$	\$		
Raised Pavement Markers	166	Pavement Marker 4" x 4", White/Red	EACH	50	\$	\$		
Raised Pavement Markers	167	Pavement Marker 4" x 4", 2-Way Blue	EACH	50	\$	\$		
Pavement Marker Adhesive	168	Adhesives: Bituminous 50 LB Boxes	EACH	20	\$	\$		
Pavement Marker Adhesive	169	Adhesives: Bituminous 4" Pads	EACH	50	\$	\$		
Pavement Marker Adhesive	170	Adhesives: SPA60	GALLONS	15	\$	\$		
Pavement Marker Adhesive	171	Adhesives: RESURFACER II (PAVEMENT COATINGS)	GALLONS	20	\$	\$		
Pavement Marking Materials	172	Glass Beads (2400 LB Super Sack)	EACH	20	\$	\$		
Pavement Marking Materials	173	Patterned, Tape, Yellow 4" x 30 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	174	Patterned, Tape, White 4" x 30 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	175	Patterned, Tape, White 6" x 30 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	176	Patterned, Tape, Yellow 10" x 30 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	177	Patterned, Tape, White 10" x 30 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	178	Patterned, Tape, Yellow 12" x 30 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	179	Patterned, Tape, White 12" x 30 Yards	L. FT.	500	\$	\$		
Pavement Marking Materials	180	Patterned, Tape, White 16" x 25 Yards	L. FT.	50	\$	\$		
Pavement Marking Materials	181	Patterned, Left Curve Arrow 2 per Box	EACH	20	\$	\$		
Pavement Marking Materials	182	Patterned, Right Curve Arrow 2 per Box	EACH	20	\$	\$		
Pavement Marking Materials	183	Patterned, Straight Arrow 2 per Box	EACH	20	\$	\$		
Pavement Marking Materials	184	Patterned, Straight Arrow 6 ft 2 per Box	EACH	20	\$	\$		
Pavement Marking Materials	185	Patterned, Straight / Right Turn Combo 6 ft 2 per Box	Each	20	\$	\$		
Pavement Marking Materials	186	Patterned, Straight/ Left Turn Combo 6 ft 2 per Box	Each	20	\$	\$		
Pavement Marking Materials	187	Patterned, RR 72" Crossing Kit	EACH	20	\$	\$		
Pavement Marking Materials	188	Patterned, 72" Helmeted Bicycle Symbol	EACH	20	\$	\$		
Pavement Marking Materials	189	DELETED. SEE ITEM# 188 (Patterned, Bicycle Symbol 8 ft 2 per Box)	NA	NA	NA	NA	NA	NA
Pavement Marking Materials	190	Patterned, "School" Legend	EACH	20	\$	\$		
Pavement Marking Materials	191	Patterned, "Ahead" Legend	EACH	20	\$	\$		
Pavement Marking Materials	192	Patterned, "Only" Legend	EACH	20	\$	\$		
Pavement Marking Materials	193	Patterned, "Stop" Legend	EACH	20	\$	\$		
Pavement Marking Materials	194	Patterned, "Xing" Legend	EACH	20	\$	\$		
Pavement Marking Materials	195	Patterned, "Ped" Legend	EACH	20	\$	\$		
Pavement Marking Materials	196	Patterned, 12" Diameter (Dot / Circle)	EACH	20	\$	\$		

Pavement Marking Materials	197	Patterned, U-Turn Arrow, 14 ft	EACH	20	\$	\$		
Pavement Marking Materials	198	Premium Waterborne Fast Dry Traffic Paint (Formulation I) - White (Plastic Totes)	GALLONS	4,000	\$	\$		
Pavement Marking Materials	199	Premium Waterborne Fast OJY Traffic Paint (Formulation I) - Yellow (Plastic Totes)	GALLONS	4,000	\$	\$		
Pavement Marking Materials	200	Fast Dry Traffic Paint (Formulation IV, V, VI or VII) - Black	GALLONS	55	\$	\$		
Pavement Marking Materials	201	Thermoplastic Paint - White Granular Material	2000 LB PALLET	15	\$	\$		
Pavement Marking Materials	202	Thermoplastic Paint - Yellow ALKYD LF/AA Block Material	2000 LB PALLET	1	\$	\$		
Traffic Control	203	Lifeguard Traffic Barrel 6" Reflective Bands and 40 LB Base	EACH	30	\$	\$		
Traffic Control	204	670 Visi-Flash Steady / Bur Photo Cell Barricade Lights	EACH	25	\$	\$		
Traffic Control	205	Post Protector - Yellow	EACH	1	\$	\$		

GRAND TOTAL (Item No. 1 through 205) \$

City of Glendale
Traffic Engineering and Operations Equipment
REVISED Discount Off of Catalog Products List

Instructions: Offerors shall also submit Discounts Off of their Catalog Products List for products which are **NOT** included in the City's Core Products List. Offerors shall submit copies of their published catalogs (which contains the manufacturer's suggested retail price (MSRP) or catalog prices, description, brand name, make and model of each product) with their proposal.

Equipment Category	Item No.	Category Description	Discount %	Catalog No. or Price List No.	Catalog or Price List Publication Date	Catalog Page Nos. Covered Under Discount %
ITS EQUIPMENT	206	ITS Equipment (Includes but not limited to, CCTV cameras, field switches, distribution switches, router, etc.)	%		/ /	
TRAFFIC SIGNAL EQUIPMENT	207	Traffic Signal Equipment (Includes but not limited to, cabinets, controllers, pull boxes, signal heads, signal poles and mast arms, etc.)	%		/ /	
ENGINEERING	208	Engineering Equipment (Includes but not limited to, school zone flashers, solar powered feed back signs, etc.)	%		/ /	
SIGN HARDWARE	209	Sign Hardware Equipment (Includes but not limited to, bolts and washers, brackets, rivets, etc.)	%		/ /	
SIGN POSTS	210	Sign Post Equipment (Includes but not limited to, sign posts of various sizes, sign post base and sleeve, etc.)	%		/ /	
SIGN SHEETING	211	Sign Sheeting Equipment (Includes but not limited to, reflectorized sign sheeting of various sizes, aluminum blank traffic signs, etc.)	%		/ /	
PAVEMENT MARKING MATERIALS	212	Pavement Marking Materials (Includes but not limited to, pavement markers of various colors, adhesives, tapes, traffic paint, glass beads, etc.)	%		/ /	
TRAFFIC CONTROL EQUIPMENT	213	Traffic Control Equipment (Includes but not limited to, traffic barrels, barricade lights, post protectors, etc.)	%		/ /	
OTHER CATEGORIES:	214	Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	