

1. Per Page 16, On-Call Traffic Signal Maintenance – Bid Items 19-22 “Traficon Video Camera”, “Video Surge Suppressor”, “FLIR TrafiSense Thermal Detection Camera”, “Power Supply” – These items have various sub-models or versions that vary in price. Can the City provide model numbers as well as part number information to ensure proper pricing?

Traficon Video Camera – Older Legacy Cameras

Video Surge Suppressor – Assume HESCO/RLS – HE75CXR

FLIR TrafiSense Thermal Detection Camera – Trafisense AI Thermal Traffic Sensor

Power Supply – Internal power supply in the controller

2. Per Page 16 – Bid Item 8 APS – There are several brand and models that fit this description. Can the City provide brand and model specifications to ensure proper and equal pricing? Also, confirming that pricing excludes central controller unit component that is installed at the cabinet as well as any field wiring?

See attachment 1 for APS specifications. APS must be compatible with Polara Ped System. Pricing excludes central controller unit and field wiring. The signalized intersections with APS include E. Hillsdale Blvd/Gull Ave, Foster City Blvd/Polynesia Dr, Shell Blvd/Beach Park Blvd, and Edgewater Blvd/Port Royal Ave.

For other signalized intersections, pedestrian push button to be ADA compliant 2” push buttons compatible with McCain pedestrian button housing hardware.

3. Per Page 14, Section 1.01 – Proposal Requirements: The RFP states, “The Contractor’s SOQ shall consist of a one-page cover letter containing the company’s background and a list of current contracts.” Can the City please confirm whether the Statement of Qualifications (SOQ) is strictly limited to one page, or if supporting documentation (such as resumes, project summaries, or additional contract listings) may be included as attachments?

In order to maintain a fair evaluation process, the Statement of Qualifications is restricted to one page. Attachments to the Contractor’s Qualifications and References are permitted.

4. Referencing Pages 16 and 17 – Routine Streetlight Maintenance, specifically Bid Items 1 and 2 (Residential and Boulevard LEDs) and Bid Items 9–14 (LEDs, Bollards, and In-Ground Lights): Unlike traditional bulb replacements, these fixture types generally require full fixture replacement when non-operational. Should the cost of fixture replacement be included in the unit price for routine maintenance? Alternatively, if fixture replacement is

necessary, will the City reimburse the Contractor separately for the cost of the replacement fixture?

Bid items 1-2 and 9-14 should be priced for fixture replacement including bulb, lamp, and photocell. If only one compartment in the fixture is replaced, invoices should only include the component replaced.

5. Can the City provide historical outage data for the Routine Streetlight Maintenance and Routine Parks & City Property Light Maintenance? Since the cost to repair outages is to be included in the proposed unit price, having access to past outage rates or maintenance history is critical to ensure accurate and competitive pricing. Without this information, bidders may be at a disadvantage in estimating the true level of effort required.

The bid schedule quantities reflect the City's best estimate of repairs and outages based on historical data.

6. We would like to request your current contract rates for the Traffic Signal and Lighting Maintenance contract you currently have.

See attachment 2.



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PORT ROYAL & EDGEWATER
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iDS: "iNS" iNavigator 2-Wire Push Button Station with iDetect Option & PedApp®

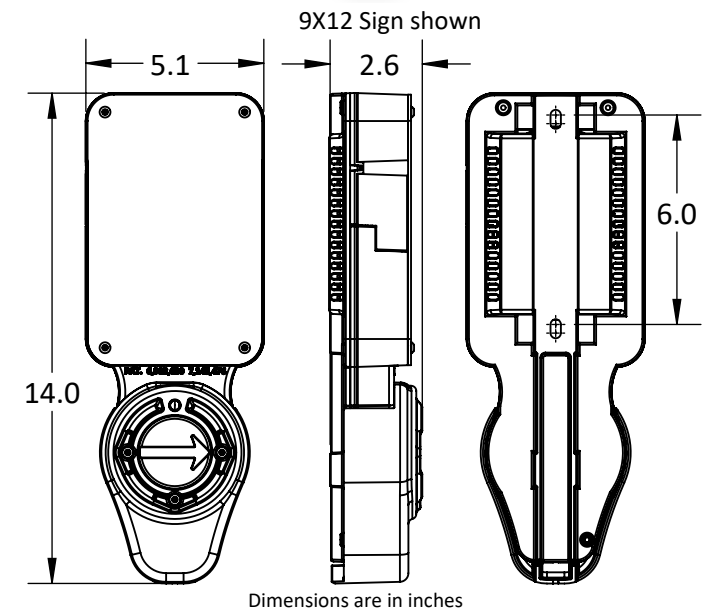
The "iNS" iNavigator 2-Wire Push Button Station (iNS2 PBS) is the pedestrian interface to the iNavigator Accessible Pedestrian System. A system consists of a Control Unit (PN iCCU-S2, iCCU-C2, iCCU-S, or iCCU-C) and iNS Push Button Stations. The iNS PBS is MUTCD compliant and provides valuable information and cues via both a vibrating arrow button and audible sounds, making the intersection accessible for all pedestrians. All sounds emanate from the front and back of the unit. A sunlight-visible red LED latches "ON" along with a tactile feedback "bounce" to confirm the button has been pushed. The vandal-resistant design of the iNS PBS includes the body, which houses the ADA compliant push button (shown), a faceplate (5X7 sign shown), and mounting hardware.

iDS = iDetect Touchless Actuation Option

- Detects movement typically within 1-4 inches
- Inconspicuous Radar Detection - Vandal Resistant

PedApp® - Smartphone App - Wireless Bluetooth® 5

- For Visually impaired & All Pedestrians, allows button actuation from phone via Bluetooth wireless technology
- Can provide intersection crossing information - location, directionality
- Provides same information as visual indication (Don't Walk, Walk, Ped Clearance, and audible countdown if programmed)
- Agency can control Ped App usage at intersections
- Works with "Text to speech" in Smartphones
- Recommend agencies to use/implement at pedestrian requested APS sites



See iNS2 Cut Sheet for detailed list of features



Operating Specifications	
Parameter	Rating
Operating Temp. Range	-34°C to +74°C (-30°F to +165°F) For iDetect See below
Storage Temp. Range	-45°C to +85°C (-50°F to +185°F) For iDetect see below
Operating Force	3.0 lbs max, option of 3 adjustable programmed forces
Switch Operating Life	Greater than 20 million operations
Max. Volume	100 dB @ 1 meter

Design Compliance	
Functionality Test Type	Compliance
Temperature and Humidity	MUTCD 2009-4E
Transient Voltage Protection	NEMA TS2
Transient Suppression	NEMA TS2
Mechanical Shock and Vibration	NEMA TS2
iNS3 PBS Enclosure	NEMA 250 Type 4X
Electrical Reliability	NEMA TS2

Notes:

1. Lab tested to applicable sections of referenced standards
2. All specifications are subject to change without notice
3. All specifications are typical unless otherwise specified

iDetect Radar Operating Specifications

Operating to MFG Specs: -20°C to + 60°C (-4°F to + 140°F)
Operating -40°C to + 80°C (-40°F to + 176°F)
Storage -40°C to + 80°C (-40°F to + 176°F)

iDS2 9 R N 1 - B -

Additional Options

NA - No Arrow
 BD - Bi-Directional Arrow
 Other Options
 WPC - With pole cap
 ES - External Speaker option

Button Cover Color

Back plate is always black.

B - Black
 G - Green
 Y - Yellow

Audio Message Option

0 - Standard messages
1 - Custom Messages

Braille

N - No braille on faceplate
 B - Braille on faceplate

Faceplate (Sign)

MUTCD Compliant
 V - 9x12 R10-3
 U - 9X12 R10-3b
 T - 9x15 R10-3e

Non-MUTCD Compliant

A - 5x7- International
 B - 5x7- International
 C - 9X12- Countdown
 D - 5X7 or 9x12- International
E - 5X7 Touchless
 O - No Faceplate

R - 9X12 or 9X15 Touchless

Size of Front Plate Adapter

5 - 5" x 7"
9 - 9" x 12"
 3 - 9" x 15"

Navigator Family

iNS2 - iNavigator S 2-Wire Push Button without iDetect
iDS2 - with iDetect Option



OPTION R- MUTCD R10-3 TOUCHLESS SIGN - HI RETROREFLECTIVE (9" x 12")

OPTION E - TOUCHLESS SIGN - NON-MUTCD Compliant Low-Cost Alternative



800H-120
Option R- MUTCD R10-3 SIGN
9"x12" Right/Left Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

Also Available:

800-117
Option E
TouchLess Sign
5" x 7 3/4" Right/Left Arrow
Powder Coated Aluminum
Not MUTCD Compliant

800H-124
Option R- MUTCD R10-3 SIGN
9"x15" Right/Left Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

800H-132
Option R- MUTCD R10-3 SIGN
9"x18" Right/Left Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

800H-121
Option R- MUTCD R10-3 SIGN
9"x12" NO-Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

800-118
Option E
TouchLess Sign
5" x 7 3/4" NO-Arrow
Powder Coated Aluminum
Not MUTCD Compliant

800H-125
Option R- MUTCD R10-3 SIGN
9"x15" NO-Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

800H-134
Option R- MUTCD R10-3 SIGN
9"x18" NO-Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD



800H-122
Option R- MUTCD R10-3 SIGN
9"x12" Bi-Directional Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

Also Available:

800-119
Option E
TouchLess Sign
5" x 7 3/4" Bi-Directional Arrow
Powder Coated Aluminum
Not MUTCD Compliant

800H-126
Option R- MUTCD R10-3 SIGN
9"x15" Bi-Directional Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

OPTION S- TOUCHLESS SIGN - HI RETROREFLECTIVE (9" x 12")

OPTION F- MUTCD R10-3a SIGN - HI RETROREFLECTIVE (9" x 15")



800H-123
Option S
9"x12" Right/Left Arrow
Hi-Intensity Retroreflective



800H-133
Option S
9"x12" Bi-Directional Arrow
Hi-Intensity Retroreflective

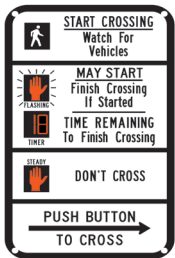


800H-127
Option F- MUTCD R10-3a SIGN
9"x15" Right/Left Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

OPTION K- MUTCD R10-3e COUNT DOWN CA SIGN - HI RETROREFLECTIVE (9" x 15")

OPTION J - ACCESSIBLE MSG SIGN

OPTION Q - NYC SIGN, PUSH BUTTON AUDIBLE SIGNAL



800H-130
Option K- MUTCD R10-3e
COUNTDOWN CA SIGN
9"x15" Right/Left Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD



800-115
Option J
5" x 7 3/4" ACCESSIBLE MSG SIGN
Powder Coated Aluminum
Not MUTCD Compliant

Also Available:

800G-115
Option J
5" x 7 3/4" ACCESSIBLE MSG SIGN
Powder Coated Aluminum
Anti-Graffiti Coating



800-137
Option Q
5" x 7 3/4" NYC SIGN
PUSH BUTTON AUDIBLE SIGNAL
Powder Coated Aluminum
Not MUTCD Compliant

OPTION G- MUTCD R10-25 MODEL X FDOT- HI RETROREFLECTIVE (9" x 18")

OPTION H- MUTCD R10-25 MODEL iDX FDOT TOUCHLESS- HI RETROREFLECTIVE

OPTION W- MUTCD R10-25 MODEL X- HI RETROREFLECTIVE (9" x 12")



800H-128
Option G- Custom for Florida DOT
9"x18" NO-Arrow
Hi-Intensity Retroreflective



800H-129
Option H- Custom for Florida DOT
TOUCHLESS SIGN
9"x18" NO-Arrow
Hi-Intensity Retroreflective



800H-109
Option W- MUTCD R10-25 SIGN
9"x12" NO-Arrow
Hi-Intensity Retroreflective
Fully complies with MUTCD

Also Available:

800H-101
Option W- MUTCD R10-25 SIGN
5" x 7 3/4" Right/Left Arrow
Hi-Intensity Retroreflective



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iCCU-S2: iNtelligent Central Control Unit for Shelf Mount



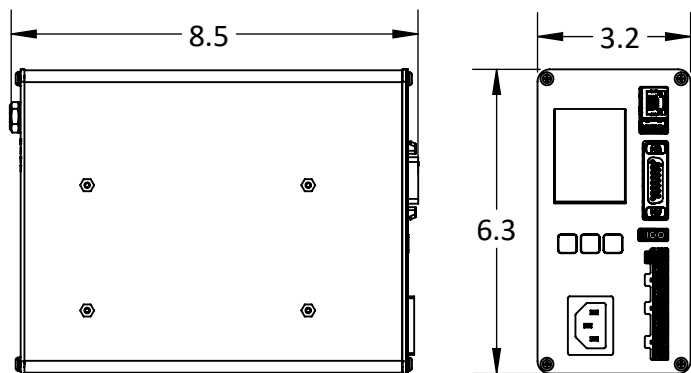
The iCCU-S2 replaces the iCCU-S and is designed to work with all style cabinets as the intelligent control unit for Polara's iN2/iNS2 accessible push button stations (PBS). The system includes an interconnect board (PN: iN2-ICB sold separately) to facilitate connection of up to 16 PBS. Each PBS connects via two wires in parallel, and do not have a polarity requirement. A 2-wire BUTTON-PLC-CABLE is included with each unit and is used to connect the iCCU-S2 to the iN2-ICB.

This model utilizes four separate cable assemblies (A/B/C/D) to provide all the features/functions of the legacy 50 pin cable harness, allowing selection of just the features needed, at reduced cost. If just standard functions are needed, only Cables A and C are needed. For Preemption, Cable B is needed. For General Purpose Input functions, Cable D is needed.

This model also supports SDLC communication in TS1 and TS2 cabinets when a TS2 controller operating in TS2 mode, with an MMU, is utilized (**there must be an MMU**). If **just** PED Walk/Don't Walk interval information is communicated by SDLC, just Cable C would be needed. If both PED interval information and call placements are communicated through SDLC, Cables A and C would not be needed. The included CABLE-C-LG is necessary to ensure proper grounding when using the iCCU-S in this BIU mode. Cables B and D would only be needed if Preemption or General Input functions are needed.

The iCCU-S2 front panel includes a backlit LCD for displaying system status information. Front panel buttons are used during setup, placing test calls, and to enable Wi-Fi. All setup functions can be performed via Ethernet or Wi-Fi using a PC. Setup is also supported using an iPhone, iPad or Android device via Wi-Fi. In addition, configuration via Bluetooth is supported by pairing with any connected PBS using a PC with an iN-DGL (purchased separately), or iOS/Android mobile device. All of the connection options provide full access to setup and configuration options of both the iCCU-S2 and all connected PBSS. Polara provides free apps for Windows PCs (Windows 7+), iOS (9.0+) devices, and Android (5.0+) devices.

Multiple configurations are supported, with the ability to change operational features based on time of day. General purpose inputs are available for options such as voice message on emergency vehicle preemption. The system has downloadable internal conflict monitoring and health log data capture that contains extensive status/fault reporting. Remote Monitoring can be done over Ethernet.



Dimensions are in inches.

Optional SDLC:

PN: iN2-SDLC-YCABLE for 4 ft "Y" cable (order separately if needed)

PN: iN2-SDLC-CABLE for Straight Cable (order separately if needed)

Ped Walk/ Don't Walk Inputs (from load switches):

Optically isolated 80-150 Volts AC/DC, 5 mA max.

Ped Call Outputs (to traffic controller):

Optically isolated 36 Volts AC/DC peak

300 mA Solid State Fused Contact Closure

PBS Power Output:

Nominal 24 VDC, Short Circuit Protected- auto Recovering

General Purpose Inputs:

10-36 Volt AC/DC peak, 10 mA max, Optically Isolated

Environmental:

Operating: -34 °C (-30 °F) to +74 °C (+165 °F) - LCD temperature range is limited to -20 °C to +70 °C

Storage: -45 °C (-50 °F) to +85 °C (+185 °F)

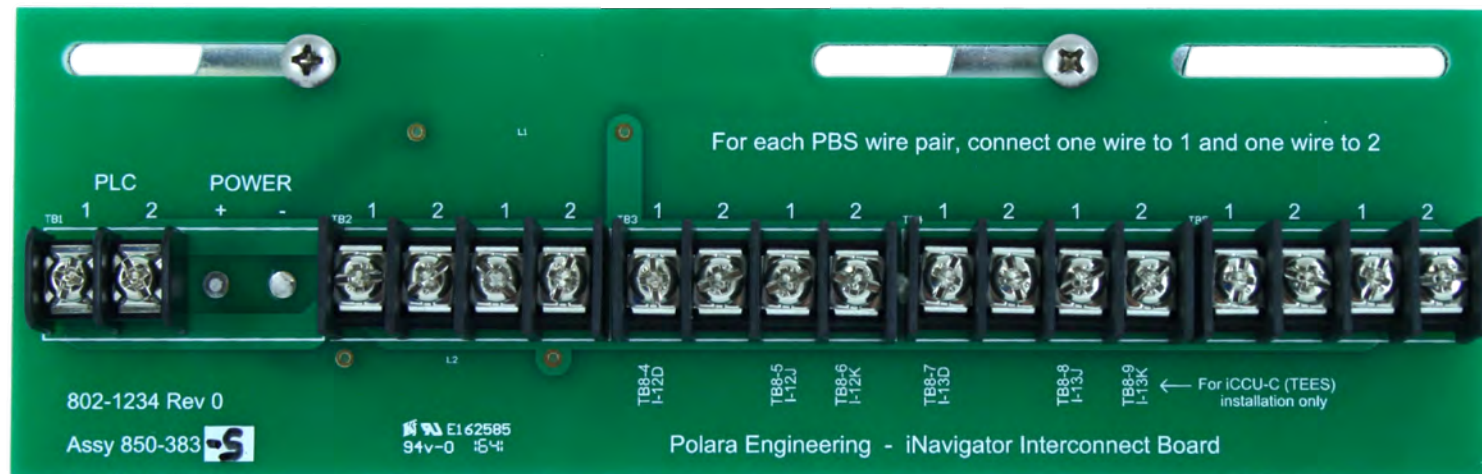
Warranty: 3 year limited



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iN2-ICB: Interconnect Board for iCCU-S

This Interconnect Board is required for landing of intersection/field button wires when an iCCU-S Control Unit is used. Allows for connection of up to 16 iN2 pushbutton stations. The part number for ordering is iN2-ICB.



Dimensions are in inches.



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iN2-SDLC-CABLE: Cable used to connect devices to a traffic cabinet's SDLC bus.

Features:

- Six feet in length
- Two male connectors for connecting to SDLC devices
- Connectors feature latch block clips
- Cable rated to 300V RMS and 80°C



Dimensions are in inches.

Doc. iN2-SDLC-CABLE-CutSheet Rev. A 03/14/17

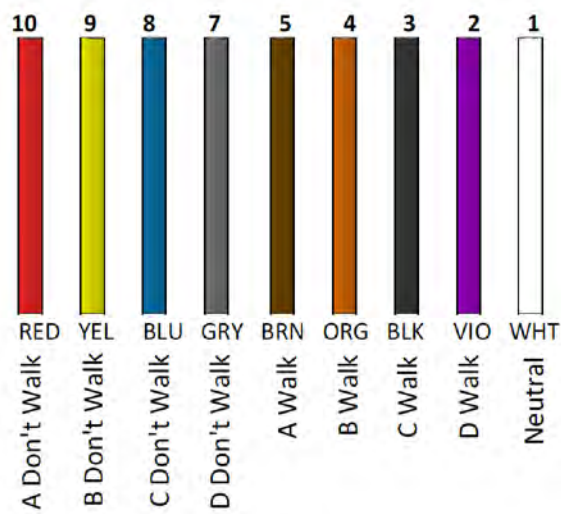
www.polaracom



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PORT ROYAL & EDGEWATER
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CABLE-A: iCCU-S2 Cable for Ped Head Load Switches

This is a nine wire cable that connects the iCCU-S2 to the ped head load switches in a traffic cabinet. One end has a connector that plugs into the Cable A location on the front of an iCCU-S2, and the other end connects to the ped head load switches in the traffic cabinet.



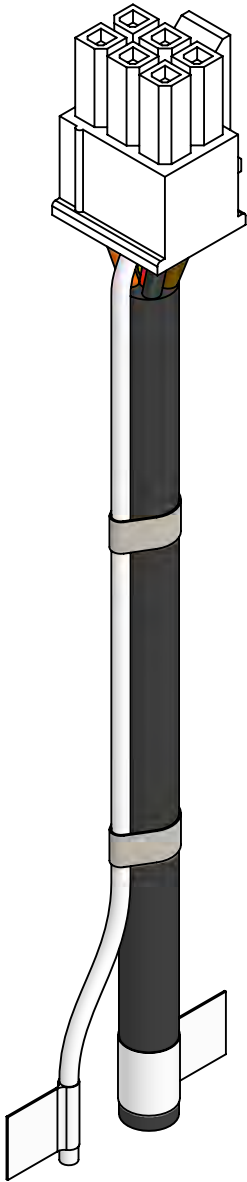
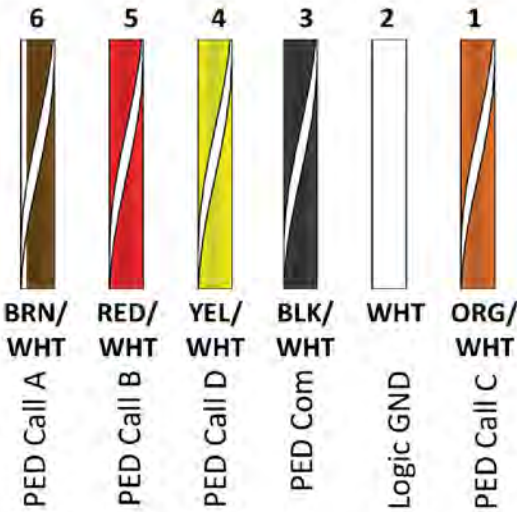
Dimensions are in inches.



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CABLE-C: iCCU-S2 Cable for Ped Inputs and Logic Ground

This is a six wire cable that connects the iCCU-S2 to the ped inputs and logic ground in a traffic cabinet. One end has a connector that plugs into the Cable C location on the front of an iCCU-S2, and the other end of the 5 conductor cable connects to the ped inputs in the traffic cabinet. The discrete single white wire connects to the logic ground.



Dimensions are in inches.

Custom Voice Message/Braille Detail Sheets - for Polara to record & load into ordered Push ButtonsNo charge if ordered Online - End User to load into Push Buttons via Bluetooth - go to www.polara.com/audio-library

(Please fill out applicable fields in TYPED format. Only TYPED forms will be accepted.)

Voice on Location (VOL) and Walk Message & Braille**Reset VM/Braille Sheets**

Please give phonetic pronunciation for voice messages on difficult street names to ensure they are recorded properly. Note that unless Street, Drive, Avenue, etc. are necessary for intersection identification, it is recommended to omit them.

Qty VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☒ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. TextQty VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)Walk Message: **Walk sign is on to cross**
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(Street Being Crossed) (Street Being Crossed)Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☐ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

ATTACHMENT 1 - TRAFFIC SIGNAL AND STREET LIGHT MAINTENANCE RFP

CITY OF FOSTER CITY, NEW TRAFFIC SIGNALS AT VARIOUS LOCATIONS

Qty

VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)

Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☒ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

Qty

VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)

Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☒ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

Qty

VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)

Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☒ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

Qty

VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)

Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☒ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

Qty

VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)

Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☒ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

Qty

VOL: **Wait to Cross** at **Wait**
(Street Being Crossed) (Intersecting Street)

Walk Message: **Walk sign is on to cross**
(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) Street Name Being Crossed in BRAILLE
☐ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

INS_ORDER-CONFIG-FORM_P4 09/16/2020 BCB

**CITY OF FOSTER CITY --- PROPOSAL SCHEDULE
TRAFFIC SIGNAL & LIGHTING MAINTENANCE**

The Scope of Work includes routine maintenance work (Proposal Items No. I, II, and III) and non-routine maintenance and repair work (Proposal Items No. IV and VI). Non-routine work will be performed on an as-needed basis as directed by the City, and the estimated annual non-routine work is listed below. The annual compensation to CONTRACTOR will be the sum of the total annual amount for routine work and the actual cost of non-routine work based on the unit prices listed below. Under no circumstance shall this annual total sum amount exceed **\$127,093.80**, unless this Agreement is amended to include additional compensation.

PROPOSAL ITEM No.	DESCRIPTION	ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL ANNUAL AMOUNT
I.	Traffic Signal Maintenance				
	1. Intersection & Fire Station Traffic Signals*. (Includes Internally Illuminated Street Name Signs)	31	Lump Sum Per Intersection Per Year	\$2,170.00	\$26,040.00
	2. VCalm Radar Speed Signs	4	Each/Year	\$140.00	\$1,680.00
	3. RRFB Systems	6	Each/Year	\$210.00	\$2,520.00
	4. Dynamic (Blank-Out/CMS) Signs**	14	Each/Year	\$490.00	\$5,880.00
Total Annual Amount Item I					\$36,120

* Currently, there are 27 traffic signals. Four additional signalized intersections are in design phase.

** The City has a Capital Improvement Program (CIP) project currently in design phase, which will install a maximum of 14 left turn restriction dynamic signage at two existing signalized intersections.

II.	Street Light Maintenance				
	1. Residential LED's (20 & 40)	930	Light/Year	\$372.00	\$4,464.00
	2. Boulevard LED's (60, 70 & 80)	1101	Light/Year	\$440.40	\$5,284.80
Total Annual Amount Item II					\$9,748.80

III.	Parks & Parking Lot Light Maintenance ♦				
	1. 150 Watt H.P.S.	84	Light/Year	\$252.00	\$3,024.00
	2. 250 Watt H.P.S.	19	Light/Year	\$57.00	\$684.00
	3. 400 Watt H.P.S.	9	Light/Year	\$27.00	\$324.00
	4. 100 Watt Metal Halide	48	Light/Year	\$144.00	\$1,728.00
	5. 175 Watt Metal Halide	89	Light/Year	\$267.00	\$3,204.00
	6. 250 Watt Metal Halide	6	Light/Year	\$18.00	\$216.00
	7. 400 Watt Metal Halide	4	Light/Year	\$12.00	\$144.00
	8. 1000 Watt Metal Halide	24	Light/Year	\$72.00	\$864.00
	9. Bollards	59	Light/Year	\$177.00	\$2,124.00
	10. In-Ground Lights	18	Light/Year	\$54.00	\$648.00
	11. "Other" --- Listed on Att. 4 as red poles	5	Light/Year	\$15.00	\$180.00
Total Annual Amount Item III					\$13,140.00

IV.	Furnish, Install & Replace Equipment or Components ♦♦				
	1. Single 'A' type loop	6	Each	\$550.00	\$3,300.00
	2. Single 'D' type loop	4	Each	\$600.00	\$2,400.00
	3. 4 loop system (1D & 3A)	4	Each	\$2,250.00	\$9,000.00
	4. Back Plate (all types)	8	Each	\$55.00	\$440.00

ATTACHMENT 2 - TRAFFIC SIGNAL AND STREET LIGHT MAINTENANCE RFP

	5. Visor	8	Each	\$25.00	\$200.00
	6. Cabinet Fan	8	Each	\$30.00	\$240.00
	7. Pedestrian Push Button (non-APS)	10	Each	\$60.00	\$600.00
	8. APS Pedestrian Push Button Assembly	6	Each	\$650.00	\$3,900.00
	9. LED Ped Countdown	12	Each	\$190.00	\$2,280.00
	10. #200 Load Switch	10	Each	\$27.00	\$270.00
	11. #204 Flasher Load Switch	10	Each	\$27.00	\$270.00
	12. #222 Detector	6	Each	\$125.00	\$750.00
	13. 12" LED Red Ball	10	Each	\$50.00	\$500.00
	14. 12" LED Red Arrow	18	Each	\$50.00	\$900.00
	15. 12" LED Amber Ball	10	Each	\$50.00	\$500.00
	16. 12" LED Amber Arrow	10	Each	\$50.00	\$500.00
	17. 12" LED Green Ball	10	Each	\$50.00	\$500.00
	18. 12" LED Green Arrow	10	Each	\$50.00	\$500.00
	19. Traficon Video Camera	15	Each	\$300.00	\$4,500.00
	20. Video Surge Suppressor	8	Each	\$45.00	\$360.00
	21. FLIR TrifiSense Thermal Detection Camera	4	Each	\$3,600.00	\$14,400.00
	22. Power Supply (PS175 rack mount)	8	Each	\$200.00	\$1,600.00
Total Annual Amount Item IV					\$47,910.00

V.	Estimate of Materials Markup and Sales Tax for Proposal Item No. IV Equipment and Components◆◆◆				
	Materials Markup for Extra Work				\$3,000.00
	Sales Tax for Materials Related to Extra Work				\$ 2,775.00
Total Annual Amount Item V					\$5,775.00

VI.	Replace Street Light ◆◆				
	Replace Street Light Standard	12	Each	\$1,200.00	\$14,400.00
Total Annual Amount Item VI					\$14,400.00

TOTAL ANNUAL AMOUNT (ITEMS I thru VI) \$127,093.80

◆ = See Attachments 3 & 4 for Type, Location and Accessibility

◆◆ = Estimated Annual Quantity to be performed on an as-needed basis as directed by the CITY

◆◆◆ = Estimated Materials Markup and Sale Tax to be calculated and invoiced by CONTRACTOR based on actual costs for items furnished and installed in performance of work identified under Proposal Item No. IV.

Proposal Item No. VII: Equipment and Labor for Extra Work

In the event that the CITY requires additional work not included in Proposal Items I thru VI, the City may amend this Agreement to include additional work, which shall be valued according to the following equipment and labor rates, in addition to the markup and sales tax adjustments provided in Proposal Item No. V.

Equipment for Extra Work (Estimated Annual Quantity for estimation purposes only)

EQUIPMENT	ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL ANNUAL AMOUNT
1. Utility Vehicle	5	Hour	\$0.00	\$0.00
2. Boom/Bucket Truck	70	Hour	\$30.00	\$2,100.00
3. Dump Truck	5	Hour	\$25.00	\$125.00
4. Excavator	5	Hour	\$0.00	\$0.00
5. Compressor	10	Hour	\$0.00	\$0.00
6. Utility Vehicle	5	Day	\$0.00	\$0.00
7. Boom/Bucket Truck	5	Day	\$120.00	\$600.00
8. Dump Truck	5	Day	\$90.00	\$450.00
9. Excavator	5	Day	\$0.00	\$0.00
10. Compressor	5	Day	\$0.00	\$0.00

Labor for Extra Work

Classification:

1. Supervisor Straight Time	Rate/Hour <u>\$125.00</u>
2. Worker Straight Time	Rate/Hour <u>\$125.00</u>
3. Laborer Straight Time	Rate/Hour \$ <u>75.00</u>
4. Supervisor Overtime	Rate/Hour <u>\$200.00</u>
5. Worker Overtime	Rate/Hour <u>\$200.00</u>
6. Laborer Overtime	Rate/Hour <u>\$125.00</u>

EXHIBIT B

CONTRACTOR'S FEE SCHEDULE
FOR
TRAFFIC SIGNAL & LIGHTING MAINTENANCE

**CITY OF FOSTER CITY --- CONTRACTOR'S FEE SCHEDULE
TRAFFIC SIGNAL & LIGHTING MAINTENANCE**

The following schedule is intended to supplement the descriptions of each Proposal Item contained in Exhibit A. The following rates are the basis for the not-to-exceed annual compensation described in Exhibit A.

PROPOSAL ITEM No.	DESCRIPTION	UNIT	UNIT PRICE
I.	1. Intersection & Fire Station Traffic Signals*. (Includes Internally Illuminated Street Name Signs) x 31 Intersections @ \$70.00 ea.	Per Month	\$2,170.00
	2. VCalm Radar Speed Signs x 4 Radar Speed Signs @ \$35.00 ea.	Per Month	\$140.00
	3. RRFB Systems x 6 RRFB Systems @ \$35.00 ea.	Per Month	\$210.00
	4. Dynamic (Blank-Out/CMS) Signs** x 14 Dynamic Signs @ \$35.00 ea	Per Month	\$490.00
*Currently, there are 27 traffic signals. Four additional signalized intersections are in design phase. ** The City has a Capital Improvement Program (CIP) project currently in design phase, which will install a maximum of 14 left turn restriction dynamic signage at two existing signalized intersections.			
II.	Street Light Maintenance x 2031 street lights @ \$0.40 ea.	Per Month	\$812.40
III.	Parks & Parking Lot Light Maintenance x 365 Lights @ 3.00 ea.	Per Month	\$1,095.00
IV.	Furnish, Install, & Replace Equipment or Components		
	1. Single 'A' type loop	Each	\$550.00
	2. Single 'D' type loop	Each	\$600.00
	3. 4 loop system (1D & 3A)	Each	\$2,250.00
	4. Back Plate (all types)	Each	\$55.00
	5. Visor	Each	\$25.00
	6. Cabinet Fan	Each	\$30.00
	7. Pedestrian Push Button (non-APS)	Each	\$60.00
	8. APS Pedestrian Push Button Assembly	Each	\$650.00
	9. LED Ped Countdown	Each	\$190.00
	10. #200 Load Switch	Each	\$27.00
	11. #204 Flasher Load Switch	Each	\$27.00
	12. #222 Detector	Each	\$125.00
	13. 12" LED Red Ball	Each	\$50.00
	14. 12" LED Red Arrow	Each	\$50.00
	15. 12" LED Amber Ball	Each	\$50.00
	16. 12" LED Amber Arrow	Each	\$50.00
	17. 12" LED Green Ball	Each	\$50.00
	18. 12" LED Green Arrow	Each	\$50.00
	19. Traficon Video Camera	Each	\$300.00
	20. Video Surge Suppressor	Each	\$45.00
	21. FLIR TrafiSense Thermal Detection Camera	Each	\$3,600.00
	22. Power Supply (PS175 rack mount)	Each	\$200.00
V.	Materials Markup for Equipment and Components furnished pursuant to Proposal Item No. IV	%	10%
	Sales Tax for Materials Related to Proposal Item No. IV	9.25%	9.25%

ATTACHMENT 2 - TRAFFIC SIGNAL AND STREET LIGHT MAINTENANCE RFP

VI.	Replace Street Light Standard	Each	\$1,200.00
VII.	Equipment for Extra Work (pursuant to an amendment to this Agreement)		
	1. Utility Vehicle	Hour	\$0.00
	2. Boom/Bucket Truck	Hour	\$30.00
	3. Dump Truck	Hour	\$25.00
	4. Excavator	Hour	\$0.00
	5. Compressor	Hour	\$0.00
	6. Utility Vehicle	Day	\$0.00
	7. Boom/Bucket Truck	Day	\$120.00
	8. Dump Truck	Day	\$90.00
	9. Excavator	Day	\$0.00
	10. Compressor	Day	\$0.00
VIII.	Labor for Extra Work (pursuant to an amendment to this Agreement)		
	Supervisor Straight Time	Rate/Hour	\$125.00
	Worker Straight Time	Rate/Hour	\$125.00
	Laborer Straight Time	Rate/Hour	\$75.00
	Supervisor Overtime	Rate/Hour	\$200.00
	Worker Overtime	Rate/Hour	\$200.00
	Laborer Overtime	Rate/Hour	\$125.00