

Bidder's Proposal

Name of Bidder: NexTech Systems Inc.

BID#2021-006

TRAFFIC SIGNAL EQUIPMENT

The undersigned, having examined the proposed Specifications and applicable drawings, hereby proposes and agrees to furnish all labor, materials, equipment, and appliances, and to perform operations necessary to complete the work as required by said proposed Specifications and drawings, as itemized below:

| GRANT AVE TRAFFIC SIGNAL CORRIDOR SIGNAL EQUIPMENT PROCUREMENT | | | | | |
|--|-----------|------|--|-----------------------|----------------------|
| ITEM NO. | EST. QTY. | UNIT | DESCRIPTION | UNIT PRICE | TOTAL PRICE |
| 1 | 6 | EA | Per plan and specifications Furnish a new TS2 type 2 Traffic Signal cabinet complete with: -Cobalt controller, -asc/3-lx software (latest firmware), -(4) ped isolation units, -8 switch packs, GPS UTB and Antenna, -Conflict Monitor -Universal time base unit and antenna, -New Iteris video detection system complete with vantage edge 2 processor, -Iteris edge connect module, or approved equal -Multimode phase selector and all other equipment necessary for the intended operation of the traffic signal system per the plans and specifications at the contract unit price per Each (EA) . | \$46,181.46 | \$277,088.76 |
| 2 | 1 | EA | Furnish new Master controller, ASC/2M-1000 controller with software (latest firmware), mounting hardware, wiring, and all other equipment necessary for the intended operation of the traffic signal system per plans and specifications at the contract unit price per Each (EA) . | Controller NO \$ — | obsolete Bid \$ — |
| 3 | 6 | EA | Furnish battery backup system, (6) batteries, Inverter, Bypass, and a stand-alone cabinet and all other equipment and incidentals necessary for the intended operation of the traffic signal system per the plans and specifications at the contract unit price per Each (EA) . | \$7,393.87 | \$44,363.22 |

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|--|-----------|------|---|-------------|--------------|
| ITEM NO. | EST. QTY. | UNIT | DESCRIPTION | UNIT PRICE | TOTAL PRICE |
| 4 | 6 | EA | Furnish new type III-BF underground service cabinet on new foundation per Caltrans Standard plan ES-2E complete with one 120/240v. meter socket, one 100 amp-2p, 120/240v main circuit breakers, one 50a-120P-1P circuit breaker for traffic signal and 2-30A-240V-2P circuit breaker for safety lighting, one 15a-120P-1P circuit breaker for IISNS and all other necessary components at the contract unit price per Each (EA). | \$5,460.00 | \$32,760.00 |
| 5 | 9 | EA | Furnish 19-4-100 traffic signal pole, bolts, 25' mast arm, 3 signal heads, 2-pedestrian countdown heads, IISNS, 1 LED luminaire & arms at the contract unit price per Each (EA). | \$19,764.00 | \$177,876.00 |
| 6 | 11 | EA | Furnish 19-4-100 M traffic signal pole with modified height A=25', bolts, 25' mast arm, 3 signal heads, 2-pedestrian countdown heads, IISNS, 1 straight LED luminaire & arms at the contract unit price per Each (EA). | \$19,740.00 | \$217,140.00 |
| 7 | 4 | EA | Furnish 17-3-100 M traffic signal pole with modified height A=25', bolts, 20' mast arm, 3 signal heads, 2-pedestrian countdown heads, IISNS, 1 LED luminaire & arms at the contract unit price per Each (EA). | \$19,195.20 | \$76,780.80 |
| 8 | 24 | EA | Furnish pedestrian push button pole 5'-7" high, bolts, and any other hardware at the contract unit price per Each (EA). | \$681.98 | \$16,367.52 |
| 9 | 12 | EA | Furnish new Iteris Vantage Vector video detection camera including mounting harness, brackets, cable, software, hardware, and all other incidentals at the contract unit price per Each (EA). | \$4,194.00 | \$50,328.00 |
| 10 | 12 | EA | Furnish new Iteris Vantage video detection camera including mounting harness, cable, software, brackets, hardware, and all other incidentals at the contract unit price per Each (EA). | \$2,064.00 | \$24,768.00 |

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|--|-----------|------|--|--------------------|---------------------|
| ITEM NO. | EST. QTY. | UNIT | DESCRIPTION | UNIT PRICE | TOTAL PRICE |
| 11 | 6 | EA | Furnish new audible PPB Polara Legacy EZ Communicator Navigator APS EN23TN0-B or approved equal Audible Pedestrian Push button for 8 stations at each intersection, including any required cable/conductors and components in the cabinets at the contract unit price per Each (EA) intersection. | \$ <u>8,136.00</u> | \$ <u>48,816.00</u> |
| 12 | 25 | EA | Furnish new Opticom EVPE (OAE) including card rack, cables, and any required components and incidentals for the Traffic Signal cabinets at the contract unit price per Each (EA). | \$ <u>2,201.81</u> | \$ <u>55,045.25</u> |
| 13 | 1500 | LF | Furnish 3" schedule 80 PVC For Jacking/boring method at the contract unit price per Linear Foot (LF). | \$ <u>8.42</u> | \$ <u>12,630.00</u> |
| 14 | 500 | LF | Furnish 2" schedule 80 PVC For Jacking/boring method at the contract unit price per Linear Foot (LF). | \$ <u>6.10</u> | \$ <u>3,050.00</u> |
| 15 | 1 | EA | <u>Furnish Caltrans #5 concrete pullbox</u> with concrete cover at the contract unit price per Each (EA). | \$ <u>162.61</u> | \$ <u>162.61</u> |
| 16 | 35 | EA | <u>Furnish Caltrans #6 concrete pullbox</u> with concrete cover at the contract unit price per Each (EA). | \$ <u>217.21</u> | \$ <u>7,602.35</u> |

| | | | | |
|-------------------------------|--|--|--|------------------------|
| Sub-Total Bid Items 1 thru 16 | | | | \$ <u>1,044,778.51</u> |
|-------------------------------|--|--|--|------------------------|

Los Angeles County Sales Tax (9.5%): \$ 99,253.96

Shipping / Freight: \$ 0.00

Total Bid Price (\$ 1,144,032.47)

Notes:

1. The City reserves the right, in its sole discretion, to award one or more contracts/purchase orders on the bids received, either by award of all items to one bidder or by award of separate items or groups of items to various bidders. Each award shall be to the lowest, responsive and responsible bidder meeting all of the requirements set forth in these specifications.

By Janna McKhann
(Signature-Authorized Representative)

Name and Title: Janna McKhann, President

Company Name: NexTech Systems, Inc.

Address: 13885 Alton Parkway, Suite A, Irvine, CA 92618

Phone: 949-916-2664

Email: nextech@nextechsystemsinc.com

EXHIBIT A

AFFIDAVIT OF NON-COLLUSION

**The following forms must be completed, signed and
returned with the Bidder's Proposal:**



Affidavit of Non-collusion

STATE OF CALIFORNIA)
) SS
COUNTY OF LOS ANGELES)

Janna McKhann

being first duly sworn, deposes and says:

1. That she is the President and Owner (Title of office if a corporation: "sole owner," "Partner," or other proper title) of NexTech Systems, Inc., hereinafter called "Contractor", who has submitted to the City of Redondo Beach a proposal for:

BID#2021-006

TRAFFIC SIGNAL EQUIPMENT

2. That said proposal is genuine; that the same is not sham; that all statements of fact therein are true;

3. That such proposal was not made in the interest or behalf of any person, partnership, company, association, organization, or corporation not named or disclosed.

4. That the Contractor did not, directly or indirectly induce, solicit or agree with anyone else to submit a false or sham bid, to refrain from bidding, or withdraw his bid, to raise or fix the bid price of the Contractor price or of anyone else, or to raise or fix any overhead profit, or cost element of the Contractor's price or the price of anyone else; and did not attempt to induce action prejudicial to the interest of the City of Redondo Beach, or of any other bidder, or anyone else interested in the proposed contract;

5. That the Contractor has not in any manner sought by collusion to secure for himself an advantage over any other bidders or induce action prejudicial to the interests of the City of Redondo Beach or of any other bidder, or anyone else interested in the proposed contract;



6. That the Contractor has not accepted any bid from any subcontractor or material man through any bid depository, the bylaws, rules or regulations, of which prohibit or prevent the Contractor from considering any bid from any subcontractor or material man, which is not processed through said bid depository, or which prevent any subcontractor or material man from bidding to any Contractor who does not use facilities of or accept bids from or through such bid depository;
7. That the Contractor has not been debarred from participation in any state or federal public works project.
8. That the Contractor did not, directly or indirectly, submit the Contractor's bid price or any breakdown thereof, or the contents thereof, or divulge information or data relative thereto to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any individual or group of individuals, except to the City of Redondo Beach, or to any person or persons who have partnership or other financial interest with said Contractor in his business.

Dated this 31st day of March 2021

Janna McKhann

Signature – Authorized Representative

Janna McKhann, President

Name and Title

NexTech Systems, Inc.

Company Name





Financial Services

415 Diamond Street, P.O. Box 270
Redondo Beach, California 90277-0270
www.redondo.org

tel 310 318-0683
fax 310 937-6666

ADDENDUM #1 (1 Page)

BID NUMBER: 2021-006

BID NAME: TRAFFIC SIGNAL EQUIPMENT

ADDENDUM DATE: 5:00 p.m., February 24, 2021

ISSUED BY:


Robert Norman, Financial Services Dept.

The following constitutes Addendum #1:

- 1. Bid due date is extended to 4:30 p.m., Thursday, March 18, 2021.**

ACKNOWLEDGED:

Company Name: NexTech Systems, Inc.

Signature: Janna McKhann
Authorized Representative

Date: 3/31/2021



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ADDENDUM #2 (1 Page)

BID NUMBER: 2021-006

BID NAME: TRAFFIC SIGNAL EQUIPMENT

ADDENDUM DATE: 5:00 p.m., March 16, 2021

ISSUED BY:


Robert Norman, Financial Services Dept.

The following constitutes Addendum #2:

- 1. Bid due date is extended to 4:30 p.m., Thursday, April 1, 2021.**
- 2. For clarification, bid is for the purchase of equipment only, no installation.**

ACKNOWLEDGED:

Company Name: NexTech Systems, Inc.

Signature:


Authorized Representative

Date: 3/31/2021



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ADDENDUM #3 (3 Pages)

BID NUMBER: 2021-006

BID NAME: TRAFFIC SIGNAL EQUIPMENT

ADDENDUM DATE: 5:00 p.m., March 30, 2021

ISSUED BY:


Robert Norman, Financial Services Dept.

The following constitutes Addendum #3:

- 1. Answers to Questions are provided on pages 2-3 of this Addendum.**
- 2. Signed acknowledgement of each Addendum may be submitted electronically to robert.norman@redondo.org prior to the bid due date and time.**

ACKNOWLEDGED:

Company Name: NexTech Systems, Inc.

Signature:


Authorized Representative

Date: 3/31/2021

- 1) What size cabinet would the 6 cabinets be?

a. If M49 or M60, base mt or pole mt?

Type 2 T

49" H x 30" W x 17" D – or larger that can fit all the required components

Base mounted

- 2) Please confirm the interior and Exterior cabinet finish

Interior & Exterior Aluminum

- 3) 8, 12 or 16 position Main panel? HW or PNG? Vertical or Horizontal?

16 position, PNG, Horizontal

- 4) Power panel surge arrestor? Quantity and size circuit breakers?

One Power panel surge arrestor. 1-50A CB, 2-15A CB, GFCL, extra neutral and GND bus

- 5) LED lighting or other? Goose neck on door?

LED lighting and gooseneck lighting on the door

- 6) One 16 channel detector rack or two?

Two 16-channel detector racks and interface panel w/EVP interface cable

- 7) Is one of the 6 cabs being used as a master?

Yes, one of the TS cabinets is a master

- 8) Your specifications advise that the materials are to be built as per Caltrans Standard Plans & Specifications for 2018. There are actually two sets of those Standard Plans in place currently, the initial regular ones issued and a "RSP" (Revised Standard Plans) that were issued on 10/19/18. There are no differences for our pole materials between the two except for the Ped Push Button Poles. The initial standards had those built with a 2-1/2" diameter pipe shaft such had been the standard design over past several decades. The RSP version changed the size of the pipe shaft to a 4" diameter design. My question here then is, to what version of these Standard Plans do you wish to have the poles covered?

Unless the RSP specifically precludes the use of the 2018 SP, we are ok going with the 2018 SP

- 9) The bid item description for bid items #5, 6, & 7 currently advise of the need for a luminaire mast arm to be provided with the pole. Lacking is the dimension length for the arms. Available arm lengths per the Caltrans Standard Plans for these poles are from 6' to 15', with 12' assigned as the default length if none is named. Would it be correct that these arms then are to be to the default 12'? Is one of the 6 cabs being used as a master?

Yes, default 12'

- 10) Your current specifications for the bid advise within Section 2 for Proposal Forms – Submittal that “the phraseology shall not be changed and no additions shall be made to the items mentioned herein.” Reading this, it appears that we would currently not be able to bid only a portion of those bid items nor would other vendors whom are only able to cover the vehicle & pedestrian heads. Such would be cause for a disqualification of the bid.

Although the City would prefer to receive bids that include pricing for all items on the bid schedule (Bidder's Proposal), the City is accepting partial bids. Please reference the note on page 19 of the Bid Specifications (Page 4 of Bidder's Proposal), which advises bidders of several options the City reserves to take regarding bid award. If you decide to bid only a portion of the items, please clearly identify in writing the items that are included and/or excluded in your bid pricing on the Bidder's Proposal.