



CITY OF LONG BEACH

R-31

DEPARTMENT OF PUBLIC WORKS

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May 23, 2017

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION

Adopt a Resolution authorizing the City Manager, or designee, to execute all documents necessary to amend Contract No. 34272 with Pacific Rim Automation, Inc., of Huntington Beach, CA, to expand the scope of work to include providing natural gas distribution system telemetry support, software and hardware updates, and associated services for Long Beach Gas and Oil, and increase the contract amount by \$1,109,430, for a total contract amount not to exceed \$1,801,540, for a period ending April 30, 2020. (Citywide)

DISCUSSION

City Council approval is requested to amend Contract No. 34272 with Pacific Rim Automation, Inc. (Pac Rim) by increasing the contract amount by \$1,109,430, and adopt a resolution to include natural gas services for Long Beach Gas and Oil (LBGO), for a revised total contract amount not to exceed \$1,801,540.

On March 22, 2016, the City Council adopted a Resolution to execute a contract with Pac Rim to provide annual storm drain pump station monitoring, telemetry, system software updates, and electrical/control equipment services. The City is responsible for the operation and maintenance of 22 storm drain pump stations located throughout the City. Monitoring of pump stations is done remotely through a Supervisory Control and Data Acquisition (SCADA) telemetry system, which has the capability of providing system alarms and remote control of pumps. The SCADA system must be monitored on a 24-hour basis and alarms responded to in a timely manner. In addition, system software must be updated on a regular basis, and pump control equipment and electrical systems must be serviced every 30 days to ensure pumps remain operable.

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Long Beach Gas and Oil (LBGO) is requesting the City Council adopt a Resolution to expand the existing contract with Pac Rim to support LBGO's SCADA system. Pac Rim developed, installed, programmed, and has maintained and upgraded the SCADA system since inception in 1997. Pac Rim possesses intimate knowledge of the SCADA system programming and Human Machine Interface. LBGO has, in turn, invested significant employee time and resources toward interacting with the PRA system. The uniqueness of the system and costs associated with switching vendors would negatively impact LBGO's requirements under U.S. Department of Transportation (DOT) regulations. LBGO is required by the DOT to continuously monitor system pressure, corrosion control systems and gas quality. The DOT also requires LBGO to respond to gas system alarms promptly, on a 24-hour basis. Since the installation in 1997, Pac Rim has been maintaining and upgrading the SCADA regularly through the issuance of annual, sole source, purchase orders.

City Charter Section 1801 requires that contracts for City purchases be awarded to the lowest responsible bidder after a competitive bid process, but allows for awards without a competitive bid process if accompanied by a Resolution adopted by the City Council.

Of the additional \$1,109,430 requested, \$434,430 will be allocated to LBGO for the expanded scope of work. Due to the recent storms, the remaining \$675,000 in authority will be allocated to the Public Works Department and used for requests for service associated with emergency services calls, repairs to pump station equipment, and updates to the telemetry system as all of the Department's contract authority was used for storm response.

This matter was reviewed by Deputy City Attorney Richard F. Anthony on May 8, 2017 and by Budget Analysis Officer Julissa Jose-Murray on May 5, 2017.

TIMING CONSIDERATION

City Council action is requested on May 23, 2017, to allow for timely payment to the vendor for the services rendered for emergency storm response, pump station repairs, and updates to the telemetry system.

FISCAL IMPACT

The requested action increases the total contract authority by \$1,109,430, for a revised contract amount not to exceed \$1,801,540 for the period ending April 30, 2020. Sufficient funds to support the increased authority are budgeted in the General Fund (GF) and Capital Projects Fund (CP) in the Public Works Department (PW), and in the Gas Fund (EF 301) in the Long Beach Gas and Oil Department (GO). There is no local job impact associated with this recommendation.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



CRAIG A. BECK
DIRECTOR OF PUBLIC WORKS



ROBERT DOWELL
DIRECTOR OF LONG BEACH GAS AND OIL

APPROVED:



PATRICK H. WEST
CITY MANAGER

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
333 West Ocean Boulevard, 11th Floor
Long Beach, CA 90802-4664

1 RESOLUTION NO.
2

3 A RESOLUTION OF THE CITY COUNCIL OF THE
4 CITY OF LONG BEACH AUTHORIZING THE CITY
5 MANAGER TO EXECUTE AN AMENDMENT TO
6 CONTRACT NO. 34272 WITH PACIFIC RIM
7 AUTOMATION, INC., WITHOUT ADVERTISING FOR BIDS,
8 FOR NATURAL GAS DISTRIBUTION SYSTEM
9 TELEMETRY, MONITORING, SYSTEM SOFTWARE AND
10 HARDWARE UPDATES AND ELECTRICAL/CONTROL
11 EQUIPMENT SERVICES, FOR A TOTAL NOT TO EXCEED
12 AMOUNT OF \$1,801,540
13

14 WHEREAS, the Charter of the City of Long Beach, Section 1801, permits
15 the City Manager to enter into a contract on behalf of the City, in writing or otherwise,
16 without advertising for bids, for services, supplies, materials, equipment or labor for
17 actual emergency work when authorized by resolution; and

18 WHEREAS, the City is responsible for the operation and maintenance of a
19 natural gas distribution system including forty-eight (48) corrosion control and pressure
20 stations located throughout the City; and

21 WHEREAS, monitoring of the natural gas distribution system is required by
22 the U.S. Department of Transportation (DOT) and is done remotely through a
23 Supervisory Control and Data Acquisition (SCADA) telemetry system, which has the
24 capability of providing system alarms and remote control of custody transfer stations; and

25 WHEREAS, the SCADA system must be monitored on a 24-hour basis and
26 alarms responded to in a timely manner, in accordance with DOT requirements; and

27 WHEREAS, the system software and hardware must be updated on a
28 regular basis; and

1 WHEREAS, on February 9, 1999 and October 5, 1999, the City Council
2 authorized the City Manager to execute agreements with Pacific Rim Automation, Inc.
3 (“Pacific Rim”), to provide a radio-based SCADA (Telemetry) System; and

4 WHEREAS, Pacific Rim 1) built and installed all forty-eight (48) corrosion
5 control and pressure remote terminal units and programmed them to run to City of Long
6 Beach specifications, 2) built and installed the master programmable logic controller and
7 programmed it to retrieve data from the remote units, and 3) built the Human Machine
8 Interface (HMI) from inception of the SCADA project in 1999 and has intimate knowledge
9 about Long Beach Gas & Oil Department standards for the HMI development
10 enhancements; and

11 WHEREAS, on March 22, 2016, the City Council adopted Resolution No.
12 RES-16-0028 authorizing the City Manager to execute a contract with Pacific Rim without
13 advertising for bids for annual storm drain pump station telemetry for the Public Works
14 Department; and

15 WHEREAS, no useful purpose would be served by advertising for bids and
16 to do so would constitute an idle and useless act and an unnecessary expenditure of
17 public funds because Pacific Rim is the only corporation, firm or individual that could or
18 would bid for annual gas system telemetry, monitoring, and system software and
19 hardware updates;

20 NOW, THEREFORE, the City Council of the City of Long Beach resolves as
21 follows:

22 Section 1. The City Manager is hereby authorized to amend Contract
23 34272 with Pacific Rim Automation, Inc. without advertising for bids for annual gas
24 system telemetry, monitoring, system software and hardware updates, for a total not to
25 exceed amount of One Million Eight Hundred One Thousand Five Hundred Forty Dollars
26 (\$1,801,540).

27 Section 2. This resolution shall take effect immediately upon its adoption
28 by the City Council, and the City Clerk shall certify the vote adopting this resolution.

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
333 West Ocean Boulevard, 11th Floor
Long Beach, CA 90802-4664

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I hereby certify that the foregoing resolution was adopted by the City Council of the City of Long Beach at its meeting of _____, 2017 by the following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

City Clerk