

R-21

April 12, 2022

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt a Resolution authorizing the City Manager, or designee, to execute a contract, and any necessary documents including any subsequent amendments, with Pacific Rim Automation, Inc., of Huntington Beach, CA, for Supervisory Control and Data Acquisition support, natural gas distribution system telemetry support, associated services, software and hardware updates, and a one-time corrosion control equipment upgrade, in a total amount not to exceed \$1,000,000, for a period of five years. (Citywide)

DISCUSSION

City Council approval is requested to enter into a contract with Pacific Rim Automation, Inc. (Pac Rim), for providing the City of Long Beach's (City) Energy Resources Department (ER) with continued support of ER's Supervisory Control and Data Acquisition (SCADA) telemetry system, natural gas distribution system telemetry support, associated services, software and hardware updates, and the upgrade of 50 Programmable Logic Control (PLC) computers for corrosion control within the City.

On May 23, 2017, the City Council adopted a Resolution to execute a contract with Pac Rim to provide SCADA support, natural gas distribution system telemetry support, software and hardware updates and associated services for ER. ER is requesting to expand the expired contract with Pac Rim to include the upgrades of 50 PLC computers for the continued monitoring of corrosion control systems.

Pac Rim possesses intimate knowledge of the SCADA system programming and Human Machine Interface. ER has, in turn, invested significant employee time and resources with Pac Rim. The uniqueness of the system and costs associated with switching vendors would negatively impact ER's requirements under U.S. Department of Transportation (DOT) regulations. ER is required by the DOT to continuously monitor its natural gas pipeline system pressure, corrosion control systems, and natural gas quality. The DOT also requires ER to respond to natural gas system alarms promptly, on a 24-hour basis. Since the installation in 1997, Pac Rim has been maintaining and upgrading ER's SCADA system regularly.

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 when authorized by a Resolution adopted by the City Council.

This matter was reviewed by Principal Deputy City Attorney Richard F. Anthony on March 14, 2022, Purchasing Agent Michelle Wilson on March 15, 2022, and by Revenue Management Officer Geraldine Alejo on March 24, 2022.

TIMING CONSIDERATIONS

City Council action to adopt a Resolution and award a contract concurrently is requested on April 12, 2022, to ensure the contract is in place expeditiously.

FISCAL IMPACT

The total amount of the contract will not exceed \$1,000,000, and will be funded within current resources appropriated in the Gas Fund Group in the Energy Resources Department. This recommendation has no staffing impact beyond the normal budgeted scope of duties and is consistent with existing City Council priorities. There is no local job impact associated with the recommendation.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



ROBERT M. DOWELL
DIRECTOR OF ENERGY RESOURCES

ATTACHMENT - Resolution

APPROVED:



THOMAS B. MODICA
CITY MANAGER

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LONG BEACH AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT WITH PACIFIC RIM AUTOMATION, INC., WITHOUT ADVERTISING FOR BIDS, FOR SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SUPPORT, NATURAL GAS DISTRIBUTION SYSTEM TELEMETRY SUPPORT, ASSOCIATED SERVICES, SOFTWARE AND HARDWARE UPDATES, AND A ONE-TIME CORROSION CONTROL EQUIPMENT UPGRADE, IN A TOTAL AMOUNT NOT TO EXCEED \$1,000,000, FOR A PERIOD OF FIVE YEARS

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

WHEREAS, monitoring of the natural gas distribution system is required by the U.S. Department of Transportation (DOT) and 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 custody transfer stations; and

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

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

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

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

8 WHEREAS, on May 23, 2017, City Council authorized the City Manager to
9 execute a contract with Pacific Rim to provide SCADA support, natural gas distribution
10 system telemetry support, software and hardware updates and associated services; and

11 WHEREAS, since the installation, Pacific Rim has been maintaining and
12 upgrading the SCADA system regularly; and

13 WHEREAS, Energy Resources requires continued support of its SCADA
14 telemetry system, natural gas distribution system telemetry support, associated services,
15 software and hardware updates, and the upgrade of 50 Programmable Logic Control
16 (PLC) computers for corrosion control within the City of Long Beach; and

17 WHEREAS, Pacific Rim possesses intimate knowledge of the SCADA
18 system programming and Human Machine Interface. The uniqueness of the system and
19 costs associated with switching vendors would negatively impact Energy Resource's
20 requirements under DOT's regulations; and

21 WHEREAS, no useful purpose would be served by advertising for bids and
22 to do so would constitute an idle and useless act and an unnecessary expenditure of
23 public funds;

24 NOW, THEREFORE, the City Council of the City of Long Beach resolves as
25 follows:

26 Section 1. The City Manager is hereby authorized to enter a contract
27 with Pacific Rim Automation, Inc. without advertising for bids for SCADA support, natural
28 gas distribution system telemetry support, associated services, software and hardware

updates, and a one-time corrosion control equipment upgrade, in a total amount not to exceed One Million Dollars (\$1,000,000), for a period of five (5) years.

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

I hereby certify that the foregoing resolution was adopted by the City Council of the City of Long Beach at its meeting of _____, 2022 by the following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

Recusal(s): Councilmembers: _____

City Clerk