



# AGENDA STAFF REPORT

**DATE:** October 4, 2017

**TO:** Mayor and City Council

**APPROVED BY:** Armando G. Villa, City Manager *Armando G. Villa*

**PREPARED BY:** David Dale, Public Works Director/City Engineer *David Dale*

**SUBJECT:** Authorize Public Works Director/City Engineer to Sign Change Order No. 4 with UNICOM Government, Inc. in the Amount of \$128,956.89 for the Advanced Metering Infrastructure (AMI) System Project.

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## Recommendation:

Authorize Public Works Director/City Engineer to Sign Change Order No. 4 with UNICOM Government, Inc. in the amount of \$128,956.89 for the Advanced Metering Infrastructure (AMI) System Project.

## Background:

On January 6, 2015, the City Council of the City of Calexico authorized the upgrade of the City's water meter reading system to the Sensus FlexNet Advanced Metering Infrastructure (AMI) System, including the purchase and installation of new digital meters, purchase and installation of new software and hardware, and training for City personnel on the new system to UNICOM Government, Inc. in the amount of \$4,579,195.70. Due to additional work that has been required for said project the current total cost is \$6,224,764.79.

## Discussion & Analysis:

On a weekly basis, Public Works staff has been having conference calls/meetings with UNICOM, Sensus and Aqua Metric in order to finalize the Automated Meter Reading System Project. Public Works staff recently performed an audit of all the water meters that were installed and are still pending. As of September 15, 2017, all residential and 95% of businesses have new water meters.

In October 2015, the State of California passed Senate Bill 555 which Requires all urban water suppliers in the State of California to submit a completed and validated water loss audit annually to the California

**AGENDA  
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Department of Water Resources (DWR). For this reason, the City also needs to install water meters at all parks, green areas and municipal building.

Public Works staff recommends that the City Council of the City of Calexico authorize the Public Works Director/City Engineer to sign Change Order No. 4 in order to finalize the installation of water meters throughout the City and comply with Senate Bill 555. With Change Order No. 4 the new contact amount will be \$6,224,764.79.

**Fiscal Impact:**

FY 2017-2018 Budgeted \$200,000 Capital Improvement Program Item  
Water Operating Funds - \$128,956.89  
Fund No. 516-90-923-56000-000

**Coordinated With:**

UNICOM Government, Inc. and Public Works Department

**Attachment:**

1. Change Order No. 4. - UNICOM Government, Inc. Change Order Request dated Sept. 20, 2017.

### CHANGE ORDER REQUEST

| PROJECT INFORMATION   |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
|---|---|---|--|---------------------------|-----------------|-------------------------|-----------------|--------------------------|-----------------|---------------------------|---------------|--------------------------|------------------------|
| <b>UGI Project Manager</b>  | Jeremy Barnes<br>O 703-502-2194<br>C 760-285-0909   | <b>Change Order Request Date</b>                                  | September 20, 2017<br>Supersedes all other draft COR 004 |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>UGI Project ID</b>   | 70000775  | <b>Project Name</b>   | Replacement of City Water Meters (Upgrade)               |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Customer Name</b>  | City of Calexico  | <b>UGI Change Order Number</b>                                    | 004  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Customer's Original PO Number</b>  | 18573   | <b>Customer's Orig. PO Date</b>                                   | May 14, 2015   |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Customer Contracts POC</b>   | David Dale  | <b>Contract Vehicle</b>   | US Communities<br>RQ09-997736-42D                        |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>UGI Role (Prime/Sub)</b>   | Prime   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Subcontractor(s)</b>   | Aqua Metric   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Description of Change</b>  |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Reason for Change</b>  |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <p>The City of Calexico completed an audit of water meter requirements and found that you have an insufficient amount of various meters in stock to complete the system upgrade. This change order is for the order of the meters needed to complete the project, to be installed by City forces. This change order also contains a credit for meters not installed by our forces, and additional management and travel due to very long project delays beyond our control. This change order will facilitate closing out Unicom's responsibilities, once the additional meters are delivered to the City. See Price Table on next page for price breakdown. <b>This request does not include gaskets or hardware.</b> City will supply for their own forces to do the meter installations.</p> |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Impact of Not Implementing</b>   |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| City will not have the meters needed to complete the buildout of the new system.  |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Other Alternatives</b>   |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| None  |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Impact Analysis</b>  |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Cost / Price Impact</b><br>(See spreadsheet below)   | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Original Contract Value =</td> <td style="text-align: right;">\$ 4,814,131.48</td> </tr> <tr> <td>Change Orders to date =</td> <td style="text-align: right;">\$ 1,281,676.42</td> </tr> <tr> <td>Current Contract Value =</td> <td style="text-align: right;">\$ 6,095,807.90</td> </tr> <tr> <td>This Change Order Value =</td> <td style="text-align: right;">\$ 128,956.89</td> </tr> <tr> <td>Revised Contract Value =</td> <td style="text-align: right;"><u>\$ 6,224,764.79</u></td> </tr> </table> |   |  | Original Contract Value = | \$ 4,814,131.48 | Change Orders to date = | \$ 1,281,676.42 | Current Contract Value = | \$ 6,095,807.90 | This Change Order Value = | \$ 128,956.89 | Revised Contract Value = | <u>\$ 6,224,764.79</u> |
| Original Contract Value =   | \$ 4,814,131.48   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| Change Orders to date =   | \$ 1,281,676.42   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| Current Contract Value =  | \$ 6,095,807.90   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| This Change Order Value =   | \$ 128,956.89   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| Revised Contract Value =  | <u>\$ 6,224,764.79</u>  |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Schedule Impact</b>  | <p>Delivery will be up to 6 weeks from issuance of a PO or PO Modification to Unicom / Aqua Metric. PLEASE NOTE: It is important that you please handle this change order like you did change order #3, for which you issued a Requisition that referenced the original PO #18573. This will help us avoid the change order being booked as a separate project. Thank you.</p>  |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Resource Impact</b>  | None  |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Approvals</b>  |   |   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>City Authorized Representative Name</b><br>(print or type name)  |   | <b>UGI Authorized Representative Name</b><br>(print or type name) |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>City Authorized Representative Signature</b>   |   | <b>UGI Authorized Representative Signature</b>                    |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |
| <b>Date</b>   |   | <b>Date</b>   |  |                           |                 |                         |                 |                          |                 |                           |               |                          |                        |

**CHANGE ORDER REQUEST**

**Price Table**

| Description                          |    | Quantity | Unit Price  | Total         |
|--------------------------------------|----|----------|-------------|---------------|
| 1" Meter - iPerl                     | EA | 21       | \$197.91    | \$4,156.11    |
| 2" Meter - Omni C2 1 CF T2 Body      | EA | 84       | \$1,057.07  | \$88,793.88   |
| 3" Meter - Omni C2 1 CF T2 Body      | EA | 1        | \$1,317.27  | \$1,317.27    |
| 4" Meter - Omni C2 1 CF T2 Body      | EA | 8        | \$2,564.46  | \$20,515.68   |
| 8" Meter - Omni C2 1 CF T2 Body      | EA | 1        | \$7,835.14  | \$7,835.14    |
| MXU - 520M Endpoints Single Port     | EA | 115      | \$166.78    | \$19,179.70   |
| 2" Omni C2 1 CF T2 Body Installation | EA | -28      | \$760.32    | (\$21,288.96) |
| 3" Omni C2 100 CF Meter Installation | EA | -1       | \$3,130.75  | (\$3,130.75)  |
| 3" Omni C2 1 CFT2 Body Installation  | EA | -5       | \$3,130.75  | (\$15,653.75) |
| 4" Omni C2 1 CFT2 Body Installation  | EA | -5       | \$3,488.55  | (\$17,442.75) |
| 6" Omni C2 100 CF Meter Installation | EA | -1       | \$5,387.41  | (\$5,387.41)  |
| Project Management                   | EA | 2        | \$17,246.32 | \$34,492.64   |
| Travel                               | EA | 2        | \$1,448.25  | \$2,896.50    |
| Storage Container (1)                | EA | 4        | \$310.39    | \$620.78      |

Subtotal = **\$116,904.08**  
 Tax on Equipment = **\$12,052.81**  
 Change Order Grand  
 Total = **\$128,956.89**