

|  |   |  |
|--|---|--|
| <b>COMPANY CONTACT</b><br>Truebeck Construction, Inc.<br>201 Redwood Shores Parkway<br>Suite 125<br>Redwood City, CA 94065<br>Ph: 650-227-1957 Fax: 650-227-1958 |  | <b>PDU CONTRACT CONTACT:</b><br>KAREN RODGERS<br>ADMINISTRATIVE MANAGER<br>(650) 369-4722<br><a href="mailto:krodgers@smcgov.org">krodgers@smcgov.org</a><br>1402 Maple St. Redwood City, CA 94063 |
|--|---|--|

TO: County of San Mateo, PDU  
[igao@smcgov.org](mailto:igao@smcgov.org)  
[c\\_dgriffeths@smcgov.org](mailto:c_dgriffeths@smcgov.org)  
[c\\_ivow@smcgov.org](mailto:c_ivow@smcgov.org)

CC: [krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
[jorellana@smcgov.org](mailto:jorellana@smcgov.org)

PDU PROJ. NO.(s) PDP01, PDP02, P27P1  
 AGREEMENT NO: 84700-18-R075918  
 COST ACCOUNT: 00 08 00

CHANGE AMOUNT: \$752,417.00  
 CHANGE IN TIME: 0 cal. days

## CHANGE ORDER 018

*\*Note: This document represents costs which are split between multiple PDU projects. Please see project Change Order cover sheets for subtotal contract impact for each project.*

**TITLE: PS2 PARKING GUIDANCE SYSTEM**

**SCOPE OF WORK:** PROVIDE ADDITIONAL CM SERVICES TO COUNTY OF SAN MATEO PROJECT DEVELOPMENT UNIT INCLUDING: PS2 Trade contractor scope of work items as indicated in the attached approved bid documents, and associated indirect costs. No impact to COB3 or Lathrop House.

SEE ENCLOSED EXHIBITS: Amendment 18 packet.

| SCHEDULE OF VALUES                 | CURRENT VALUE   | CHANGE AMOUNT | ADJUSTED VALUE  |
|------------------------------------|-----------------|---------------|-----------------|
| PRE-CONSTRUCTION SERVICES          | \$1,174,510.00  | \$0.00        | \$1,174,510.00  |
| CMR FEE                            | \$4,434,097.00  | \$34,834.00   | \$4,468,931.00  |
| CMR GENERAL CONDITIONS             | \$5,994,970.00  | \$0.00        | \$5,994,970.00  |
| CMR GENERAL REQUIREMENTS (GR-1)    | \$663,063.00    | \$0.00        | \$663,063.00    |
| CMR GENERAL REQUIREMENTS (GR-2)    | \$5,175,128.00  | \$0.00        | \$5,175,128.00  |
| DIRECT CONSTRUCTION COSTS (TRADES) | \$48,051,607.00 | \$696,683.00  | \$48,748,290.00 |
| CONTRACTOR'S CONTINGENCY           | \$4,181,490.00  | \$20,900.00   | \$4,202,390.00  |
| BONDS, INSURANCE, AND TAXES        | \$3,102,909.00  | \$0.00        | \$3,102,909.00  |

| CONTRACT VALUE SUMMARY         |                        |
|--------------------------------|------------------------|
| ORIGINAL CONTRACT VALUE        | \$19,349,663.00        |
| PRIOR APPROVED CHANGES         | \$ 53,428,111.00       |
| THIS CHANGE AMOUNT             | \$752,417.00           |
| <b>ADJUSTED CONTRACT VALUE</b> | <b>\$73,530,191.00</b> |

| CONTRACT TIME SUMMARY      |              |
|----------------------------|--------------|
| ORIGINAL COMPLETION:       | PER CONTRACT |
| PRIOR APPROVED DAYS:       | 0            |
| THIS CHANGE APPROVED DAYS: | 0            |
| ADJUSTED COMPLETION DATE:  | PER CONTRACT |

I hereby certify, to the best of my knowledge, that (1) the information provided in this CHANGE ORDER is true and accurate, and in conformance with the terms of the Contract, and (2) the reported costs and time requested herein reflect the actual cost and time impacts related to the scope of work.

By signing below, I understand and agree that this CHANGE ORDER constitutes a full and final settlement for all direct, indirect, and related costs and impacts associated with this issue. Unless specifically modified in this change order approval, all terms and conditions of the contract remain in force, supersede any terms and conditions listed in Contractor's proposal, and under no circumstances are items listed in Contractor's proposal considered a part of this approved CHANGE ORDER unless specifically included in the County of San Mateo Project Development Unit standard CHANGE ORDER forms.

 02-Mar-2021 | 10:15 PST  
 APPROVED BY **Jasmine Gao** Date  
 PDU Project Manager

 02-Mar-2021 | 10:12 PST  
 APPROVED BY **Mike Anderson** Date  
 Consultant, Vice President, Operations

 02-Mar-2021 | 10:57 PST  
 APPROVED BY **Sam Lin** Date  
 PDU Assistant Director

APPROVED BY \_\_\_\_\_ Date  
 President, Board of Supervisors, San Mateo County

**Reviewed and accepted only, for consideration of approval by the Board of Supervisors**

ATTEST \_\_\_\_\_ Date  
 Clerk of said Board

**COMPANY CONTACT**  
 Truebeck Construction, Inc.  
 201 Redwood Shores Parkway  
 Suite 125  
 Redwood City, CA 94065  
 Ph: 650-227-1957 Fax: 650-227-1958



**PDU CONTRACT CONTACT:**  
 KAREN RODGERS  
 ADMINISTRATIVE MANAGER  
 (650) 369-4722  
[krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
 1402 Maple St. Redwood City, CA 94063

**TO: County of San Mateo, PDU**  
[igao@smcgov.org](mailto:igao@smcgov.org)  
[c\\_dgriffeths@smcgov.org](mailto:c_dgriffeths@smcgov.org)  
[c\\_ivow@smcgov.org](mailto:c_ivow@smcgov.org)

**CC:** [krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
[jorellana@smcgov.org](mailto:jorellana@smcgov.org)

**PDU PROJ. NO.(s)** PDP01  
**AGREEMENT NO:** 84700-18-R075918  
**COST ACCOUNT:** 00 08 00

**CHANGE AMOUNT:** \$0.00  
**CHANGE IN TIME:** 0 cal. days

# CHANGE ORDER 018A (PDP01)

*\*Note: This document represents PDP01-COB3 costs only. Please see main Change Order cover sheet for total contract impact.*

**TITLE: PS2 PARKING GUIDANCE SYSTEM**

**SCOPE OF WORK: NO IMPACT TO PDP01 (COB3) PROJECT**

| SCHEDULE OF VALUES                 | CURRENT VALUE  | CHANGE AMOUNT | ADJUSTED VALUE |
|------------------------------------|----------------|---------------|----------------|
| PRE-CONSTRUCTION SERVICES          | \$475,150.00   | \$0.00        | \$475,150.00   |
| CMR FEE                            | \$3,185,000.00 | \$0.00        | \$3,185,000.00 |
| CMR GENERAL CONDITIONS             | \$3,547,606.00 | \$0.00        | \$3,547,606.00 |
| CMR GENERAL REQUIREMENTS (GR-1)    | \$374,413.00   | \$0.00        | \$374,413.00   |
| CMR GENERAL REQUIREMENTS (GR-2)    | \$2,195,269.00 | \$0.00        | \$2,195,269.00 |
| DIRECT CONSTRUCTION COSTS (TRADES) | \$8,187,378.00 | \$0.00        | \$8,187,378.00 |
| CONTRACTOR'S CONTINGENCY           | \$2,932,808.00 | \$0.00        | \$2,932,808.00 |
| BONDS, INSURANCE, AND TAXES        | \$3,028,200.00 | \$0.00        | \$3,028,200.00 |

| CONTRACT VALUE SUMMARY         |                        |
|--------------------------------|------------------------|
| ORIGINAL CONTRACT VALUE        | \$13,544,764.00        |
| PRIOR APPROVED CHANGES         | \$ 10,381,060.00       |
| THIS CHANGE AMOUNT             | \$0.00                 |
| <b>ADJUSTED CONTRACT VALUE</b> | <b>\$23,925,824.00</b> |

| CONTRACT TIME SUMMARY      |              |
|----------------------------|--------------|
| ORIGINAL COMPLETION:       | PER CONTRACT |
| PRIOR APPROVED DAYS:       | 0            |
| THIS CHANGE APPROVED DAYS: | 0            |
| ADJUSTED COMPLETION DATE:  | PER CONTRACT |

*I hereby certify, to the best of my knowledge, that (1) the information provided in this CHANGE ORDER is true and accurate, and in conformance with the terms of the Contract, and (2) the reported costs and time requested herein reflect the actual cost and time impacts related to the scope of work.*

*By signing below, I understand and agree that this CHANGE ORDER constitutes and full and final settlement for all direct, indirect, and related costs and impacts associated with this issue. Unless specifically modified in this change order approval, all terms and conditions of the contract remain in force, supersede any terms and conditions listed in Contractor's proposal, and under no circumstances are items listed in Contractor's proposal considered a part of this approved CHANGE ORDER unless specifically included in the County of San Mateo Project Development Unit standard CHANGE ORDER forms.*

## NO IMPACT TO PDP01 COB3 PROJECT

APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_ APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_  
 PDU Project Manager Consultant

APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_ APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_  
 PDU Executive 1 PDU Executive 2

**COMPANY CONTACT**  
 Truebeck Construction, Inc.  
 201 Redwood Shores Parkway  
 Suite 125  
 Redwood City, CA 94065  
 Ph: 650-227-1957 Fax: 650-227-1958



**PDU CONTRACT CONTACT:**  
 KAREN RODGERS  
 ADMINISTRATIVE MANAGER  
 (650) 369-4722  
[krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
 1402 Maple St. Redwood City, CA 94063

**TO: County of San Mateo, PDU**  
[jgao@smcgov.org](mailto:jgao@smcgov.org)  
[c\\_dgriffeths@smcgov.org](mailto:c_dgriffeths@smcgov.org)  
[c\\_ivow@smcgov.org](mailto:c_ivow@smcgov.org)

**CC:** [krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
[jorellana@smcgov.org](mailto:jorellana@smcgov.org)

**PDU PROJ. NO.(s)** P27P1  
**AGREEMENT NO:** 84700-18-R075918  
**COST ACCOUNT:** 00 08 00

**CHANGE AMOUNT:** \$752,417.00  
**CHANGE IN TIME:** 0 cal. days

# CHANGE ORDER 018B (P27P1)

*\*Note: This document represents P27P1-PS2 costs only. Please see main Change Order cover sheet for total contract impact.*

**TITLE: PS2 PARKING GUIDANCE SYSTEM**

**SCOPE OF WORK: PROVIDE ADDITIONAL CM SERVICES TO COUNTY OF SAN MATEO PROJECT DEVELOPMENT UNIT INCLUDING:** PS2 Trade contractor scope of work items as indicated in the attached approved bid documents, and associated indirect costs. No impact to COB3 or Lathrop House.

**SEE ENCLOSED EXHIBITS:** Amendment 18 packet.

| SCHEDULE OF VALUES                 | CURRENT VALUE   | CHANGE AMOUNT | ADJUSTED VALUE  |
|------------------------------------|-----------------|---------------|-----------------|
| PRE-CONSTRUCTION SERVICES          | \$699,360.00    | \$0.00        | \$699,360.00    |
| CMR FEE                            | \$1,213,632.00  | \$34,834.00   | \$1,248,466.00  |
| CMR GENERAL CONDITIONS             | \$2,246,682.00  | \$0.00        | \$2,246,682.00  |
| CMR GENERAL REQUIREMENTS (GR-1)    | \$262,670.00    | \$0.00        | \$262,670.00    |
| CMR GENERAL REQUIREMENTS (GR-2)    | \$2,906,095.00  | \$0.00        | \$2,906,095.00  |
| DIRECT CONSTRUCTION COSTS (TRADES) | \$38,726,179.00 | \$696,683.00  | \$39,422,862.00 |
| CONTRACTOR'S CONTINGENCY           | \$1,248,682.00  | \$20,900.00   | \$1,269,582.00  |
| BONDS, INSURANCE, AND TAXES        | \$36,558.00     | \$0.00        | \$36,558.00     |

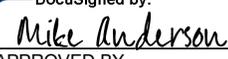
| CONTRACT VALUE SUMMARY         |                        |
|--------------------------------|------------------------|
| ORIGINAL CONTRACT VALUE        | \$5,804,899.00         |
| PRIOR APPROVED CHANGES         | \$ 41,534,959.00       |
| THIS CHANGE AMOUNT             | \$752,417.00           |
| <b>ADJUSTED CONTRACT VALUE</b> | <b>\$48,092,275.00</b> |

| CONTRACT TIME SUMMARY      |              |
|----------------------------|--------------|
| PS2 NTP DATE:              | 11/1/2019    |
| PS2 CONSTRUCTION DURATION: | 579 DAYS     |
| PS2 FINAL COMPLETION:      | 6/1/2021     |
| FINAL CONTRACT COMPLETION  | PER CONTRACT |

I hereby certify, to the best of my knowledge, that (1) the information provided in this CHANGE ORDER is true and accurate, and in conformance with the terms of the Contract, and (2) the reported costs and time requested herein reflect the actual cost and time impacts related to the scope of work.

By signing below, I understand and agree that this CHANGE ORDER constitutes and full and final settlement for all direct, indirect, and related costs and impacts associated with this issue. Unless specifically modified in this change order approval, all terms and conditions of the contract remain in force, supersede any terms and conditions listed in Contractor's proposal, and under no circumstances are items listed in Contractor's proposal considered a part of this approved CHANGE ORDER unless specifically included in the County of San Mateo Project Development Unit standard CHANGE ORDER forms.

 02-Mar-2021 | 10:15 PST  
 APPROVED BY **Jasmine Gao** Date  
 PDU Project Manager

 02-Mar-2021 | 10:12 PST  
 APPROVED BY **Mike Anderson** Date  
 Consultant, Vice President, Operations

 02-Mar-2021 | 10:57 PST  
 APPROVED BY **Sam Lin** Date  
 PDU Assistant Director

APPROVED BY \_\_\_\_\_ Date  
 President, Board of Supervisors, San Mateo County

**Reviewed and accepted only, for consideration of approval by the Board of Supervisors**

ATTEST \_\_\_\_\_ Date  
 Clerk of said Board

 02-Mar-2021 | 11:15 PST  
 File: P27P1-TRUEBECK-AMD 018-PS2 PARKING GUIDANCE-20210309(V2).xlsx  
 Karen Rodgers Reviewed

**COMPANY CONTACT**  
 Truebeck Construction, Inc.  
 201 Redwood Shores Parkway  
 Suite 125  
 Redwood City, CA 94065  
 Ph: 650-227-1957 Fax: 650-227-1958



**PDU CONTRACT CONTACT:**  
 KAREN RODGERS  
 ADMINISTRATIVE MANAGER  
 (650) 369-4722  
[krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
 1402 Maple St. Redwood City, CA 94063

**TO: County of San Mateo, PDU**  
[jgao@smcgov.org](mailto:jgao@smcgov.org)  
[c\\_dgriffeths@smcgov.org](mailto:c_dgriffeths@smcgov.org)  
[c\\_ivow@smcgov.org](mailto:c_ivow@smcgov.org)

**CC:** [krodgers@smcgov.org](mailto:krodgers@smcgov.org)  
[jorellana@smcgov.org](mailto:jorellana@smcgov.org)

**PDU PROJ. NO.(s)** PDP02  
**AGREEMENT NO:** 84700-18-R075918  
**COST ACCOUNT:** 00 08 00

**CHANGE AMOUNT:** \$0.00  
**CHANGE IN TIME:** 0 cal. days

## CHANGE ORDER 018C (PDP02)

*\*Note: This document represents PDP02-LATHROP costs only. Please see main Change Order cover sheet for total contract impact.*

**TITLE: PS2 PARKING GUIDANCE SYSTEM**

**SCOPE OF WORK: NO IMPACT TO PDP02 (LATHROP) PROJECT**

| SCHEDULE OF VALUES                 | CURRENT VALUE  | CHANGE AMOUNT | ADJUSTED VALUE |
|------------------------------------|----------------|---------------|----------------|
| PRE-CONSTRUCTION SERVICES          | \$0.00         | \$0.00        | \$0.00         |
| CMR FEE                            | \$35,465.00    | \$0.00        | \$35,465.00    |
| CMR GENERAL CONDITIONS             | \$200,682.00   | \$0.00        | \$200,682.00   |
| CMR GENERAL REQUIREMENTS (GR-1)    | \$25,980.00    | \$0.00        | \$25,980.00    |
| CMR GENERAL REQUIREMENTS (GR-2)    | \$73,764.00    | \$0.00        | \$73,764.00    |
| DIRECT CONSTRUCTION COSTS (TRADES) | \$1,138,050.00 | \$0.00        | \$1,138,050.00 |
| CONTRACTOR'S CONTINGENCY           | \$0.00         | \$0.00        | \$0.00         |
| BONDS, INSURANCE, AND TAXES        | \$38,151.00    | \$0.00        | \$38,151.00    |

| CONTRACT VALUE SUMMARY         |                       |
|--------------------------------|-----------------------|
| ORIGINAL CONTRACT VALUE        | \$0.00                |
| PRIOR APPROVED CHANGES         | \$ 1,512,092.00       |
| THIS CHANGE AMOUNT             | \$0.00                |
| <b>ADJUSTED CONTRACT VALUE</b> | <b>\$1,512,092.00</b> |

| CONTRACT TIME SUMMARY      |           |
|----------------------------|-----------|
| ORIGINAL COMPLETION:       | 5/14/2019 |
| PRIOR APPROVED DAYS:       | 0         |
| THIS CHANGE APPROVED DAYS: | 491       |
| ADJUSTED COMPLETION DATE:  | 9/16/2020 |

*I hereby certify, to the best of my knowledge, that (1) the information provided in this CHANGE ORDER is true and accurate, and in conformance with the terms of the Contract, and (2) the reported costs and time requested herein reflect the actual cost and time impacts related to the scope of work.*

*By signing below, I understand and agree that this CHANGE ORDER constitutes and full and final settlement for all direct, indirect, and related costs and impacts associated with this issue. Unless specifically modified in this change order approval, all terms and conditions of the contract remain in force, supersede any terms and conditions listed in Contractor's proposal, and under no circumstances are items listed in Contractor's proposal considered a part of this approved CHANGE ORDER unless specifically included in the County of San Mateo Project Development Unit standard CHANGE ORDER forms.*

## NO IMPACT TO PDP02 LATHROP PROJECT

APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_ APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_  
 PDU Project Manager Consultant

APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_ APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_  
 PDU Executive 1 PDU Executive 2

**Change Order Log  
Truebeck Construction, Inc.**

**AGREEMENT NO.  
84700-18-R075918**

| BASE CONTRACT    |              |
|------------------|--------------|
| TOTAL AMOUNT     | COMPLETION   |
| \$ 19,349,663.00 | PER CONTRACT |

| #  | C/O NO. | COR NO. | PROJ # AFFECTED | DESCRIPTION               | TOTAL CHANGE AMOUNT | PDP01 SUBTOTAL  | P27P1 SUBTOTAL   | PDP02 SUBTOTAL  | DAYS APPROVED | ADJUSTED COMPLETION | ADJUSTED CONTRACT AMT. |
|----|---------|---------|-----------------|---------------------------|---------------------|-----------------|------------------|-----------------|---------------|---------------------|------------------------|
| 1  | 1       | 1R1     | PDP01/P27P1     | ELEVATOR BUYOUT           | \$ 2,546,880.00     | \$ 1,766,880.00 | \$ 780,000.00    | \$ -            | 0             | PER CONTRACT        | \$ 21,896,543.00       |
| 2  | 2       | 2       | PDP02           | LATHROP SCOPE ADD         | \$ 1,271,672.00     | \$ -            | \$ -             | \$ 1,271,672.00 | 0             | PER CONTRACT        | \$ 23,168,215.00       |
| 3  | 3       | 3R3     | P27P1           | GROUND IMPROVEMENT BUYOUT | \$ 805,820.00       | \$ -            | \$ 805,820.00    | \$ -            | 0             | PER CONTRACT        | \$ 23,974,035.00       |
| 4  | 4       | 4R4     | PDP01           | ABATEMENT BUYOUT          | \$ 74,285.00        | \$ 74,285.00    | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 24,048,320.00       |
| 4  | 5       | 4R5     | P27P1           | SUBCONTRACTOR BUYOUT      | \$ 12,478,247.00    | \$ -            | \$ 12,478,247.00 | \$ -            | 0             | PER CONTRACT        | \$ 36,526,567.00       |
| 6  | 6       | 6R6     | PDP01/P27P1     | SUBCONTRACTOR BUYOUT      | \$ 5,365,383.00     | \$ 505,527.00   | \$ 4,859,856.00  | \$ -            | 0             | PER CONTRACT        | \$ 41,891,950.00       |
| 7  | 7       | 7R7     | P27P1           | SUBCONTRACTOR BUYOUT      | \$ 16,196,801.00    | \$ -            | \$ 16,196,801.00 | \$ -            | 0             | PER CONTRACT        | \$ 58,088,751.00       |
| 8  | 8       | 8R8     | PDP01           | SUBCONTRACTOR BUYOUT      | \$ 432,812.00       | \$ 432,812.00   | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 58,521,563.00       |
| 9  | 9       | 9R9     | P27P1           | SUBCONTRACTOR BUYOUT      | \$ 174,531.00       | \$ -            | \$ 174,531.00    | \$ -            | 0             | PER CONTRACT        | \$ 58,696,094.00       |
| 10 | 10      | 10R10   | PDP01           | SUBCONTRACTOR BUYOUT      | \$ 304,275.00       | \$ 304,275.00   | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 59,000,369.00       |
| 11 | 11      | 11R11   | PDP01           | SUBCONTRACTOR BUYOUT      | \$ 273,802.00       | \$ 273,802.00   | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 59,274,171.00       |
| 12 | 12      | 12R12   | PDP01           | SUBCONTRACTOR BUYOUT      | \$ 4,398,000.00     | \$ 4,398,000.00 | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 63,672,171.00       |
| 13 | 13      | 13R13   | PDP01           | SUBCONTRACTOR BUYOUT      | \$ 2,500,148.00     | \$ 2,500,148.00 | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 66,172,319.00       |
| 14 | 14      | 14R14   | P27P1           | SUBCONTRACTOR BUYOUT      | \$ 161,761.00       | \$ -            | \$ 161,761.00    | \$ -            | 0             | PER CONTRACT        | \$ 66,334,080.00       |
| 15 | 15      | 15R15   | PDP01           | SUBCONTRACTOR BUYOUT      | \$ 125,331.00       | \$ 125,331.00   | \$ -             | \$ -            | 0             | PER CONTRACT        | \$ 66,459,411.00       |
| 16 | 16      | 16R16   | P27P1           | PS2 FINAL GMP             | \$ 6,077,943.00     | \$ -            | \$ 6,077,943.00  | \$ -            | SEE ATTACHED  | PS2 (6/1/2021)      | \$ 72,537,354.00       |
| 17 | 17      | 17R17   | PDP02           | LATHROP FINAL GMP         | \$ 240,420.00       | \$ -            | \$ -             | \$ 240,420.00   | SEE ATTACHED  | PDP02 (9/30/2020)   | \$ 72,777,774.00       |
| 18 | 18      | 18R18   | P27P1           | PS2 PARKING GUIDANCE      | \$ 752,417.00       | \$ -            | \$ 752,417.00    | \$ -            | 0             | PS2 (6/1/2021)      | \$ 73,530,191.00       |
| 19 |         |         |                 |                           |                     |                 |                  |                 |               |                     |                        |
| 20 |         |         |                 |                           |                     |                 |                  |                 |               |                     |                        |
| 21 |         |         |                 |                           |                     |                 |                  |                 |               |                     |                        |
| 22 |         |         |                 |                           |                     |                 |                  |                 |               |                     |                        |
| 23 |         |         |                 |                           |                     |                 |                  |                 |               |                     |                        |

| ADJUSTED CONTRACT VALUE & COMPLETION | SUM OF CHGS.     | SUM OF DAYS  | ADJ. COMP.     | ADJ. VALUE.      |
|--------------------------------------|------------------|--------------|----------------|------------------|
|                                      | \$ 54,180,528.00 | SEE ATTACHED | PS2 (6/1/2021) | \$ 73,530,191.00 |

**San Mateo County – Project Development Unit  
San Mateo County Office Building 3 (COB-3) and Parking Structure 2 (PS2)**

---

**AMENDMENT # 18 (COB-3 & PS2 & Lathrop House) TO AGREEMENT  
BETWEEN COUNTY OF SAN MATEO AND  
TRUEBECK CONSTRUCTION, INC.**

THIS 18<sup>th</sup> AMENDMENT TO THE AGREEMENT (AGREEMENT # 84700-18-R075918), entered this 26th of February 2021, by and between the COUNTY OF SAN MATEO, hereinafter called "County," and Truebeck Construction, Inc., hereinafter called "Contractor";

WITNESSETH

WHEREAS, pursuant to Government Code, Section 31000, County may contract with independent contractors for the furnishing of such services to or for the County or any Department thereof;

WHEREAS, the parties entered into an agreement for Construction Management at Risk services on June 26, 2018; and

WHEREAS, the parties wish to amend the Agreement to increase the contract amount by Seven Hundred-Fifty Three Thousand and Four Hundred Sixty Two Dollars (\$752,417) for incorporation of a Parking Guidance System Scope into the Parking Structure 2 project.

WHEREAS, Eight Hundred-Fifty Five Thousand And Three Hundred-Eighty Seven Dollars (\$855,387) of the above total is for Parking Structure 2 Subcontracted Costs.

WHEREAS, a Reduction of One Hundred Fifty Eight Thousand and Seven Hundred Five Dollars(\$158,705) of the above total is previously approved budget applied as a reduction to the change order value.

WHEREAS, Twenty One Thousand and Nine Hundred Forty Five Dollars (\$20,900) of the above total is for Contingency.

WHEREAS, a Thirty Four Thousand and Eight Hundred Thirty Four Dollars (\$34,834) of the above total is for Fee.

WHEREAS, COB-3 is Zero dollars (\$0) of the above total award.

WHEREAS, Lathrop House is Zero dollars (\$0) of the above total award.

**NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES HERETO AS FOLLOWS:**

1. Original Appendix A of the Project Manual Contract Document 005201 (Agreement) is now replaced with the following revised Appendix A Rev 18:

**San Mateo County – Project Development Unit**  
**San Mateo County Office Building 3 (COB-3) and Parking Structure 2 (PS2)**

**Appendix A**

**CALCULATION OF CONTRACT SUM – COB-3, PS2, & Lathrop House**  
**CHANGE ORDER REQUEST #18 (Rev 18) 2/26/21**  
**Parking Structure 2 – Parking Guidance System Add**

| Cost Item No. | Item  | COB-3 (\$)           | PS-2 (\$)            | Lathrop House (\$)  | Total (\$)           |
|---------------|---|----------------------|----------------------|---------------------|----------------------|
| 1             | Pre-Construction Services   | \$ 475,150           | \$ 699,360           | \$ -                | \$ 1,174,510         |
| 2             | CMR Fee (3.25% of General Conditions, General Requirements, and Direct Cost of Construction)  | \$ 3,185,000         | \$ 1,213,632         | \$ 35,465           | \$ 4,434,097         |
| 3             | CMR General Conditions  | \$ 3,547,606         | \$ 2,246,682         | \$ 200,682          | \$ 5,994,970         |
| 4             | CMR General Requirements  |                      |                      |                     | \$ -                 |
|               | GR-1 (Lump Sum)   | \$ 373,413           | \$ 262,670           | \$ 25,980           | \$ 662,063           |
|               | GR-2  | \$ 2,196,269         | \$ 2,906,095         | \$ 73,764           | \$ 5,176,128         |
| 5             | Subcontractor and self-perform subtrade work **   | \$ 8,187,378         | \$ 38,726,179        | \$ 1,138,050        | \$ 48,051,607        |
| 6             | <b>This CO:</b> Bid/Award Value of all Subcontractors for <b>Amendment 18</b> and agreed value of all authorized self perform subtrade work** | \$ -                 | \$ 855,387.00        | \$ -                | \$ 855,387           |
| 6a            | <b>This CO:</b> Change Order Value of all CMR General Conditions for this Amendment 18.   | \$ -                 | \$ -                 |                     | \$ -                 |
| 6b            | <b>This CO:</b> Bid/Award Value of all GR2s for this Amendment 18.  | \$ -                 | \$ -                 |                     | \$ -                 |
| 6c            | <b>This CO:</b> Bid/Award Value of all GR1s for Amendment 18.   | \$ -                 | \$ -                 | \$ -                | \$ -                 |
| 6d            | <b>This CO:</b> Bid/Award Value of all Allowances for Amendment 18.   | \$ -                 | \$ (158,705.00)      | \$ -                | \$ (158,705)         |
| 6e            | <b>This CO:</b> Bid/Award Value of all Contingency for Amendment 18.  | \$ -                 | \$ 20,900.46         | \$ -                | \$ 20,900            |
| 6f            | <b>This CO:</b> Bid/Award Value for all Insurance/Bonds/Taxes for Amendment 18.   | \$ -                 | \$ -                 |                     | \$ -                 |
| 6g            | <b>This CO:</b> Bid/Award Value for all CMR Fee Amendment 18.   | \$ -                 | \$ 34,834.10         |                     | \$ 34,834            |
| 7             | Contingency (3% of Direct Cost of Construction)   | \$ 2,932,808         | \$ 1,248,682         | \$ -                | \$ 4,181,490         |
| 8             | Bonds, Insurance and Taxes (3.09% of Direct Cost of Construction)   | \$ 3,028,200         | \$ 36,558            | \$ 38,151           | \$ 3,102,909         |
|               | <b>REVISED CONTRACT SUM</b>   | <b>\$ 23,925,824</b> | <b>\$ 48,092,275</b> | <b>\$ 1,512,092</b> | <b>\$ 73,530,191</b> |

\*\* Subject to any Trade Subcontractor adjustments shown above. Scope of this Amendment is per attached back up.

**San Mateo County – Project Development Unit**  
**San Mateo County Office Building 3 (COB-3) and Parking Structure 2 (PS2)**

---

2. For work related to this scope of work, a potential schedule extension is deferred to a later once impacts can be further defined. Items included in this deferral include General Conditions, General Requirements, Liquidated Damages, and a future amendment to update the potential extension date.

**END OF APPENDIX A**

3. Original Appendix B of the Project Manual Contract Document 00 5201 (AGREEMENT) is now replaced with revised Appendix B Rev 18 on the following pages:

**Appendix B**

**TRADE SUBCONTRACTORS LIST**

Rev 18– 02/26/21

**COUNTY OFFICE BUILDING 3 (COB-3)**

| <b><u>BP#</u></b> | <b><u>SUBCONTRACTOR NAME</u></b>    | <b><u>DESCRIPTION</u></b>            |
|-------------------|-------------------------------------|--------------------------------------|
| 1420-EL           | Thyssen Krupp Elevator              | Elevators                            |
| 0250-AB           | Eco Bay Services, Inc               | Abatement                            |
| 0210-BD           | Silverado Contractors               | Building & Tree Demolition           |
| 3231-EF           | Nor Cal Portable Services           | Temporary Fencing                    |
| 3300-UL           | Cruz Brothers Locators              | Utility Locating                     |
| 0154-SC           | Platinum Specialty                  | Scaffolding Sidewalk Protection      |
| 2600-EL-TP        | Intermountain Electric              | Site Temporary Power                 |
|                   | EarthCam.net                        | Construction WebCam                  |
|                   | Harris & Lee Environmental Sciences | Environmental Health & Safety Report |
| 3163-DL           | Foundation Constructors, Inc        | Deep Foundations                     |
| 0154-TC           | Maxim Crane                         | Tower Crane                          |
| 0154-MH           | Cabrillo Hoist                      | Material Hoist                       |
| 3122-GD           | Ghilotti Construction Co.           | Initial Grading & Site Demo          |
|                   | F3 & Associates, Inc                | Project Control                      |
|                   | Kier & Wright                       | Project Control Verification         |
| 3300-FL           | Ghilotti Construction, Inc          | Potholing                            |
| 05212-SS          | Concord Iron Works                  | Embedded Steel (Detailing Only)      |

**PARKING STRUCTURE 2 (PS2)**

| <b><u>BP#</u></b> | <b><u>SUBCONTRACTOR NAME</u></b> | <b><u>DESCRIPTON</u></b>           |
|-------------------|----------------------------------|------------------------------------|
| 1420-EL           | Thyssen Krupp Elevator           | Elevators                          |
| 3163-DL           | Condon-Johnson & Associates, Inc | Ground Improvements                |
| 0171-SS           | BKF                              | Survey & Staking                   |
| 0320-RS           | Camblin Steel                    | Reinforcing Steel                  |
| 0512-SS           | Concord Iron Works, Inc          | Steel, Misc Steel, Decking, Stairs |
| 0742-MM           | Pacific Erectors                 | Exterior Skin: Metal Mesh          |
| 0742-MP           | Alumawall, Inc                   | Exterior Skin: Metal Panel         |

**San Mateo County – Project Development Unit**  
**San Mateo County Office Building 3 (COB-3) and Parking Structure 2 (PS2)**

---

|            |                                    |                                       |
|------------|------------------------------------|---------------------------------------|
| 0760-FL    | Omni Sheet Metal                   | Flashing & Sheet Metal                |
| 0991-PT    | Valdez Painting                    | Painting & Coat                       |
| 1115-PC    | Amano McGann                       | Parking Control Equipment             |
| 1440-SI    | Ad-Art Sign Company                | Signage                               |
| 2100-FP    | Cosco Fire Protection              | Fire Protection                       |
| 2200-PL    | Broadway Mechanical                | Plumbing                              |
| 2300-HV    | Air Systems                        | HVAC Systems                          |
| 3122-GD    | O.C. Jones & Son                   | Earthwork, Grading, Paving, Site Demo |
| 3216-SC    | Ghilotti Constructions             | Site Concrete                         |
| 3291-LI    | Eggli Landscape                    | Landscape & Irrigation                |
| 0742-VC    | Eggli Landscape                    | Exterior Skin: Vine Cabling           |
| 3300-SU    | Robert A. Bothman                  | Site Utilities                        |
| 7310-ST    | O.C. Jones & Son                   | Striping                              |
| 0750-RF    | Enterprise Roofing Service, Inc    | Roofing & Waterproofing               |
| 0930-TL    | California Tile Installers         | Ceramic Tile                          |
| 2600-EL    | Del Monte Electric Co., Inc        | Electrical                            |
| 3231-FG    | Truebeck Const / Nor Cal Port Svcs | Temp Fencing & Gates                  |
| 3300-UL    | Cruz Brothers Locators             | Utility Locating                      |
| 0154-MH    | Cabrillo Hoist                     | Material Hoist                        |
| 0331-SC    | Largo Concrete                     | Structural Concrete                   |
| 0920-DR    | Level 5 Inc                        | Drywall & Metal Framing, Insulation   |
| 0154-SC    | Platinum Specialty                 | Scaffolding Sidewalk Protection       |
| 0810-DS    | Truebeck Construction              | Door, Frame & Hardware                |
| 1020-MS    | Truebeck Construction              | Miscellaneous Specialties             |
| 2600-EL-TP | Intermountain Electric             | Temporary Power                       |

**LATHROP HOUSE RELOCATION**

| <b><u>BP#</u></b> | <b><u>SUBCONTRACTOR NAME</u></b> | <b><u>DESCRIPTON</u></b>                 |
|-------------------|----------------------------------|--|
| 1130-SS           | Kier & Wright                    | Surveying                                |
| 0241-SD           | Duran and Venables               | Site Demolition, Grading, Paving         |
| 0320-SC           | McGuire and Hester               | Structural & Site Concrete, Reinf. Steel |
| 0550-MM           | Westco Iron Works                | Misc. Metals, Handrails                  |
| 0991-PT           | Valdez Painting                  | Painting                                 |
| 1344-MT           | Montgomery Contractors           | House Relocation/Moving                  |
| 2200-PL           | Accel Air Systems                | Plumbing                                 |
| 2600-EL           | Prime Electric                   | Electrical                               |
| 3217-ST           | Cee-Gee, Inc.                    | Parking Lot Striping                     |
| 3290-LI           | Eggli Landscaping                | Landscape / Irrigation                   |
| 3300-SU           | Granite Rock Construction        | Site Utilities                           |

**END OF APPENDIX B**

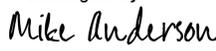
**San Mateo County – Project Development Unit**  
**San Mateo County Office Building 3 (COB-3) and Parking Structure 2 (PS2)**

---

4. All other terms and conditions of the Agreement dated June 26, 2018, between the County and Contractor shall remain in full force and effect.

**THIS CONTRACT IS NOT VALID UNTIL SIGNED BY ALL PARTIES. NO WORK WILL COMMENCE UNTIL THIS DOCUMENT HAS BEEN SIGNED BY THE COUNTY PURCHASING AGENT OR AUTHORIZED DESIGNEE.**

**For Contractor:**

DocuSigned by:  
  
02D8706298714F0...  
Contractor Signature  
Mike Anderson Sr. Vice President, Operations

02-Mar-2021 | 10:12 PST  
Date

Truebeck Construction, Inc.  
Contractor Name (please print)

---

COUNTY OF SAN MATEO

By:  
President, Board of Supervisors, San Mateo County

Date:

ATTEST:

By:  
Clerk of Said Board

  
Jasmine Gao

02-Mar-2021 | 10:15 PST

  
Sam Lin

02-Mar-2021 | 10:57 PST

  
Karen Rodgers

02-Mar-2021 | 11:15 PST

Reviewed

# TRUEBECK

CONSTRUCTION

February 26, 2021

County of San Mateo, Project Development Unit  
1402 Maple Street  
Redwood City, CA 94063

Attn: Jasmine Gao

Regarding: Parking Structure 2

Subject: Authorization for Amendment 18

Truebeck Construction requests formal contractual incorporation for authorization to proceed with the scope of work to add a Parking Guidance System as a change order to the contract listed as PCO 5072 on the Parking Structure 2 project per the Attachment A summaries:

| BP Number                                 | BP Name                            | Trade: Change Order | Contingency      | Allowances  | Insurance   | Fee              | TOTAL             | Comments |
|---|------------------------------------|---------------------|------------------|-------------|-------------|------------------|-------------------|----------|
| <b>Parking Structure 2 - Amendment 18</b> |                                    |                     |                  |             |             |                  |                   |          |
|   | PCO 5072 - Parking Guidance System |                     | \$ 20,900        |             |             | \$ 34,834        | \$ 55,735         |          |
|   | Line 23 - Electrical               | \$ 855,387          |                  |             |             |                  | \$ 855,387        |          |
|   | Line 28 - Approved Alternates      | \$ (158,705)        |                  |             |             |                  | \$ (158,705)      |          |
|   | <b>Amendment 18 Summary</b>        | <b>\$ 696,682</b>   | <b>\$ 20,900</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ 34,834</b> | <b>\$ 752,417</b> |          |

Please feel free to contact myself at (415)855-5969 with any questions or if you need any additional information. If not, please return one (1) signed copy of Amendment 18 as our official authorization to proceed with this work.

Sincerely,

*Nate Lohman*

Nate Lohman  
Project Manager

Cc: Mike Anderson, Jim Murphy, Mike Paye

Truebeck Construction, Inc.

951 Mariners Island Blvd., Suite 700, San Mateo, CA 94404

T 650.227.1957 F 650.227.1958 CA License #903798

[www.truebeck.com](http://www.truebeck.com)

**San Mateo County – Project Development Unit  
New County Office Building and Parking Structure Project**

**DOCUMENT 00 5501-C(Allowance Authorization)**

**NOTICE TO PROCEED FOR DESIGN SERVICES RELATED TO PCO 5072  
AGREEMENT 84700-18-R075918**

Dated: FEBRUARY 5, 2021

To: Truebeck Construction, Inc.  
(Name of CMR)

Address: 951 Mariners Island Blvd., Suite#700, San Mateo, CA 94404

**AGREEMENT 84700-18-R075918: PCO 5072 PARKING GUIDANCE SYSTEM**

You are notified to proceed with design services not to exceed a total cost of \$50,000 related to PCO 5072 for the additional parking guidance system to be added to the Parking Structure 2 project. All costs related to this direction to proceed are to be tracked against the approved alternate bid amount indicated on page 56 of approved Amendment 16 GMP for PS2, and submitted for formal approval as a proposed amendment to the agreement as soon as final costs are confirmed.



*Bid Alternate Summary  
County Government Center, Parking Structure 2*

| #                                      | Bid Package | Description   | Bid Values          | Pending | Accepted | Rejected | Date Presented | Notes                                  |
|--|-------------|---|---------------------|---------|----------|----------|----------------|--|
| <b>Alternates Adds Accepted by PDU</b> |             |   |                     |         |          |          |                |  |
| 01)                                    | ALL         | Deduct if offsite parking is provided by Project Development Unit via bussing program               | Incl. w/ Allowances |         | X        |          | 5/2/19         |  |
| 11)                                    | 1115-PC     | Design, Furnish and Install Vehicle Counting System   | \$258,705           |         | X        |          | 5/2/19         | Must be taken with 18                  |
| 18)                                    | 2600-EL     | Parking Control System Power & Infrastructure   | Incl. w/ Amend 6    |         | X        |          | 5/2/19         |  |
| 19)                                    | 2600-EL     | Future EV Charging Conduit for Additional 60 stalls   | Incl. w/ Amend 6    |         | X        |          | 5/2/19         | Alternate if County wants to add later |
| 21)                                    | 2600-EL     | Infrastructure for Exterior Site Cameras  | Incl. w/ Amend 6    |         | X        |          | 5/2/19         |  |
| 22)                                    | 2600-EL     | Furnish and install Exterior Site Cameras   | Incl. w/ Amend 6    |         | X        |          | 5/2/19         |  |
| 23)                                    | 2600-EL     | Furnish and install additional conduit for Mobile Coffee Cart                                       | Incl. w/ Amend 6    |         | X        |          | 5/2/19         |  |
| 26)                                    | 2600-EL     | Dual Service Complete   | Incl. w/ Amend 6    |         | X        |          | 5/2/19         |  |
| 30)                                    | 3122-GD     | Premium cost to furnish and install rubberized asphalt in lieu of specified asphalt concrete paving | \$36,000            |         | X        |          | 5/2/19         |  |
| 36)                                    | 7310-ST     | New Striping of Existing Parking Lot  | \$17,800            |         | X        |          | 5/2/19         |  |
| <b>Total</b>                           |             |   | <b>\$312,505</b>    |         |          |          |                |  |

**COUNTY OF SAN MATEO**

DocuSigned by:  
By: Sam Lin, Sam Lin  
EE1B7F4B372C432...  
Its: Assistant Director, Project Development Unit, San Mateo County  
Date: FEBRUARY 5, 2021 2/9/2021 | 2:55 PM PST

DS

DS

Jasmine Gao

**END OF DOCUMENT 00 5501-C(ALLOWANCE AUTHORIZATION)**

2/5/2021 | 1:39 PM PST

New County Office Building and Parking Structure Project  
Project Manual for CM at-Risk Services  
March 2018

00 5501-C - 1



PCO #5072

## Prime Contract Potential Change Order #5072: Parking Guidance System

|                             |   |                      |   |
|-----------------------------|---|----------------------|---|
| <b>TO:</b>                  | County of San Mateo - Project Development Unit<br>1402 Maple Street<br>Redwood City California, 94063 | <b>FROM:</b>         | Truebeck Construction<br>951 Mariners Island Blvd. Suite 700<br>San Mateo California, 94404 |
| <b>PROJECT:</b>             | 419006.000 - County San Mateo-PS2<br>Brewster/Veterans/Middlefield<br>Redwood City, California 94063  | <b>CONTRACT:</b>     | 419006.000 - County of San Mateo-Parking<br>Structure                                       |
| <b>PCO NUMBER/REVISION:</b> | 5072 / 3  | <b>CREATED DATE:</b> | 5/26 /2020  |
| <b>CREATED BY:</b>          | Nate Lohman (Truebeck Construction)   | <b>TOTAL AMOUNT:</b> | \$752,416.56  |
| <b>SCHEDULE IMPACT:</b>     | 0 days  |                      |   |

### POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)

#### Revision 3: Revision 3 changes are in italics:

- 1. Corrects the Contingency calculation. In this revision the 3.0% contingency is calculated as 3% of the cost of work.*
- 2. Clarifies that if the schedule should be extended due to this scope of work liquidated damages will not apply.*

Revision 2: Revision 2 changes are to adjust the budget applied to this change order to \$158,705.

#### CE #5072 - Parking Guidance System

This change order is generated from a PDU request to provide a car counting system using the Park Assist technology to monitor every stall. This quote is being provided based on that request and is based on the attached quotation with scope performed by Park Assist and Del Monte Electric. Included is the supply and installation for the following device count:

1. M4 Sensors - Qty 304
2. Wireless Sensors - Qty 149
3. Level Count Display Signage - Qty 10
4. Digital Sign Inserts - qty 26
5. Server, Head End, Software - Included

Owner Acknowledges that scope design documents were not provided or generated as a basis for the bidders, and this quotation is based on the request to monitor every stall.

This change order excludes painting, additional electrical panels, changes to electrical room if more space should be required, scanning of existing concrete, coring, patching, re-striping, additional signage (other than specifically noted in quote), concrete work, adjustment or relocation of other devices or equipment, off hours work, traffic control if the garage is open for use. Scope for Electrical work is also not determined until design is complete, at this time electrical work is included only for cabinets at the satellite electrical rooms, assumed panels in electrical room have capacity. Pricing does not include integration with vehicle gates, card readers, or security systems.

Currently we are excluding the costs for temporary construction site facilities, site supervision, misc cleanup, as well as all general conditions [GCs, GR1, GR2]. These are being deferred until the timing of this potential scope is more accurately determined to provide more accurate costs. Providing pricing for these items at this time would be a conservative (higher) value than at a time when more information is available. We will push to incorporate this scope while constructing the Parking Garage Structure, however this additional work does have potential to be performed after completion and reserve the right for an appropriate contract adjustment.

*If this scope of work should extend the schedule, liquidated damages will not apply for work related to this scope of work and at a later date a contract amendment will be provided to update the project completion date.*

#### ATTACHMENTS:

| # | Cost Code                        | Description                       | Type                                       | Amount              |
|---|----------------------------------|-----------------------------------|--|---------------------|
| 1 | 326-260000 - Electrical          | Park Assist - PGS                 | Subcontract                                | \$855,387.00        |
| 2 | 340-001000 - Alternates Approved | Parking Guidance System With draw | Other                                      | \$(158,705.00)      |
|   |                                  |                                   | <b>Subtotal:</b>                           | <b>\$696,682.00</b> |
|   |                                  |                                   | <b>Fee (5.00%):</b>                        | <b>\$34,834.10</b>  |
|   |                                  |                                   | <b>Construction Contingency (≈ 3.00%):</b> | <b>\$20,900.46</b>  |
|   |                                  |                                   | <b>Grand Total:</b>                        | <b>\$752,416.56</b> |



**PCO #5072**

**County of San Mateo - Project Development Unit**  
402 Maple Street  
Redwood City California 94063

**Truebeck Construction**  
951 Mariners Island Blvd. Suite 700  
San Mateo California 94404

**SIGNATURE**

**DATE**

Sam Lin

*Nate Lohman*

2/26/21

**SIGNATURE**

**DATE**

Nate Lohman , Project Manager



| Line Item   | Work Description                              | Subcontractor            | PCO 5072 R2<br>Parking Guidance System |
|---|---|--------------------------|--|
| <b>Subcontracts</b>   |   |                          |  |
| 1   | Elevators                                     | Thyssen-Krupp            | Sent 1/25/21                           |
| 2   | Ground Improvements                           | Condon-Johnson           |  |
| 3   | Survey/Building Layout                        | Brian-Kangas-Faulk       |  |
| 4   | Concrete Reinforcing Steel                    | Camblin Steel            |  |
| 5   | Misc. Iron, Stairs, Steel Decking             | Concord Iron Works, Inc. |  |
| 6   | Metal Mesh                                    | Pacific Erectors         |  |
| 7   | Metal Panels                                  | Alumawall, Inc.          |  |
| 8   | Flashing/Sheet Metal                          | Omni Sheet Metal         |  |
| 9   | Paintings and Coatings                        | Valdez Painting          |  |
| 10  | Parking Control Equipment                     | Amano McSann             |  |
| 11  | Signage                                       | Ad-Art Sign Company      |  |
| 12  | Fire Protection                               | Cosco Fire Protection    |  |
| 13  | Plumbing                                      | Broadway Mechanical      |  |
| 14  | HVAC Systems                                  | Air Systems, Inc.        |  |
| 15  | Earthwork, Grading, Paving, Site Demolition   | O.C. Jones and Sons      |  |
| 16  | Site Concrete                                 | Ghiloti Construction     |  |
| 17  | Landscape/Irrigation                          | Egglis Landscape         |  |
| 18  | Vine Cabling                                  | Egglis Landscape         |  |
| 19  | Site Utilities                                | Robert A Bothman         |  |
| 20  | Striping                                      | O.C. Jones and Sons      |  |
| 21  | Roofing/Waterproofing                         | Enterprise Roofing       |  |
| 22  | Ceramic Tile                                  | California Tile          |  |
| 23  | Electrical                                    | Del Monte Electric       | \$855,387.00                           |
| 24  | Structural Concrete                           | Large Concrete           |  |
| 25  | Drywall & Metal Framing, Insulation           | Level 5                  |  |
| 26  | Floors, Frame & Hardware                      | Truebeck                 |  |
| 27  | Miscellaneous Specialties                     | Truebeck                 |  |
| 28  | Alternates Approved                           |                          | (\$158,705.00)                         |
| 29  | Value Engineering approved                    |                          |  |
| 30  | EV Car Chargers                               | Wesco                    |  |
| 31  |   |                          |  |
| 32  |   |                          |  |
| 33  |   |                          |  |
| 34  |   |                          |  |
| <b>DIRECT CONSTRUCTION SUBTOTAL</b>   |   |                          | <b>\$696,682.00</b>                    |
| <b>Truebeck Construction: General Requirements: Site ( GR-2's)</b>          |   |                          |  |
| 35  | GR-2s Lump Sum                                |                          |  |
| 36  |   |                          |  |
| 37  |   |                          |  |
| 38  |   |                          |  |
| 39  |   |                          |  |
| 40  |   |                          |  |
| 41  |   |                          |  |
| <b>GENERAL REQUIREMENTS 2 COSTS SUBTOTAL</b>                                |   |                          | <b>\$0.00</b>                          |
| <b>SUBTOTAL: DIRECT COST OF CONSTRUCTION</b>                                |   |                          | <b>\$696,682.00</b>                    |
| <b>Truebeck Construction: Construction Management Costs</b>                 |   |                          |  |
| 42  | CMR General Conditions                        | Truebeck                 |  |
| 43  | CMR General Requirements (GR1) (NTE)          | Truebeck                 |  |
| 44  | CMR General Requirements (GR1) directed       | Truebeck                 |  |
| 45  |   |                          |  |
| 46  |   |                          |  |
| 47  |   |                          |  |
| 48  |   |                          |  |
| 49  |   |                          |  |
| 50  |   |                          |  |
| <b>TRUEBECK MANAGEMENT COSTS SUBTOTAL</b>                                   |   |                          | <b>\$0.00</b>                          |
| <b>Contingencies and Allowances</b>   |   |                          |  |
| 51  | Construction Contingency (3%) *               |                          | \$20,900.46                            |
| 52  | Reinforcing Steel Allowance                   | NA                       |  |
| 53  | Misc. Iron Allowance                          | NA                       |  |
| 54  | Metal Panel Allowance                         | NA                       |  |
| 55  | Painting Allowance                            | NA                       |  |
| 56  | Parking Control Allowance                     | NA                       |  |
| 57  | Fire Protection Allowance                     | NA                       |  |
| 58  | Plumbing Allowance                            | NA                       |  |
| 59  | Site Grading Allowance                        | NA                       |  |
| 60  | Site Utilities Allowance                      | NA                       |  |
| 61  | Parking Lot Striping Allowance                | NA                       |  |
| 62  | Roofing/Waterproofing Allowance               | NA                       |  |
| 63  | Temp Power Electrical Allowance               | NA                       |  |
| 64  | Structural Concrete Allowance                 | NA                       |  |
| 65  | Drywall & Metal Framing, Insulation Allowance | NA                       |  |
| 66  | Doors, Frames, and Hardware Allowance         | NA                       |  |
| 67  | Rough Carpentry Allowance                     | Truebeck                 |  |
| 68  | Site Concrete Allowance                       | NA                       |  |
| 69  | Offsite Parking Allowance                     | NA                       |  |
| 70  | EV Chargers Base scope Allowance              | NA                       |  |
| 71  | Additional Charger Allowance                  | NA                       |  |
| 72  | Lime Treatment Allowance                      | NA                       |  |
| 73  | Lime Treatment Support Allowance              | NA                       |  |
| 74  | Re-Grade Lime treated pad                     | NA                       |  |
| 75  | PG&E Service Contract                         | NA                       |  |
| 76  | Electrical Revision Allowance                 | NA                       |  |
| 77  | PG&E Substructure - Temp Allowance            | NA                       |  |
| 78  | Offhaul contaminated soil Allowance           | NA                       |  |
| 79  | SD Line removal Allowance                     | NA                       |  |
| 80  | Remob on 10/31/19 Allowance                   | NA                       |  |
| 81  | Site Signage Electrical Allowance             | NA                       |  |
| 82  | Contaminated Soil Allowance                   | NA                       |  |
| 83  | Existing SD Rework Allowance                  | NA                       |  |
| 84  | Data Connection to ROC Allowance              | NA                       |  |
| 85  | Crane Path Allowance                          | NA                       |  |
| 86  | Escalation Allowance                          | NA                       |  |
| 87  | Approved PCO Adjustment Allowance             | NA                       |  |
| 88  |   |                          |  |
| 89  |   |                          |  |
| 90  |   |                          |  |
| 91  |   |                          |  |
| <b>CONTINGENCES AND ALLOWANCES SUBTOTAL</b>                                 |   |                          | <b>\$20,900.46</b>                     |
| <b>SUBTOTAL : DIRECT COST, MANAGEMENT AND ALLOWANCES</b>                    |   |                          | <b>\$717,582.46</b>                    |
| <b>Markups</b>  |   |                          |  |
| 92  | CMR Fee (GMP)                                 | Truebeck                 | \$34,834.10                            |
| 93  | CMR Fee (PCOs = 5.00%)                        |                          |  |
| 94  | Bonds, Insurance and Taxes(CO = 0%)           | Truebeck                 |  |
| 95  | CCIP Worker's Compensation Credit             | Truebeck                 |  |
| 96  |   |                          |  |
| 97  |   |                          |  |
| 98  |   |                          |  |
| 99  |   |                          |  |
| 100   |   |                          |  |
| <b>MARKUPS SUBTOTAL</b>   |   |                          | <b>\$34,834.10</b>                     |
| <b>CONSTRUCTION TOTALS: DIRECT COST, CONTINGENCIES, ALLOWANCES AND FEES</b> |   |                          | <b>\$752,416.56</b>                    |
| <b>Truebeck Construction: Construction Management Costs</b>                 |   |                          |  |
| 101   | Pre-Construction Services                     | Truebeck                 |  |
| 102   |   |                          |  |
| <b>PRECONSTRUCTION SUBTOTAL</b>   |   |                          | <b>\$0.00</b>                          |
| <b>CHANGE ORDER TOTALS</b>  |   |                          | <b>\$752,416.56</b>                    |

**San Mateo County - Project Development Unit  
Parking Structure 2**

**Cost Proposal (CP)**

**NEW COUNTY OFFICE BUILDING AND PARKING STRUCTURE PROJECT**

CP Number: PCO# 5072 R3 Date: 2/26/2021  
 Contract Number: PDU:84700-18-R075918/TCI: 419006.000  
 In Response To: Car Counting System

RFP #, etc.

**To: COUNTY OF SAN MATEO**

Attention: Jasmine Gao Subject Ref. No: (for Project Manager Use Only)  
**[ENTER OWNER ADDRESS]**  
 Telephone: 650.599.9048 Fax: \_\_\_\_\_  
**From: [INSERT CMR'S NAME/ADDRESS]**  
Truebeck Construction  
951 Mariners Point Blvd Ste#700, San Mateo, CA 94404

This Cost Proposal is in response to the above-referenced

Brief description of change(s):

Revision 3: Revision 3 changes are in italics:

1. Corrects the Contingency calculation. In this revision the 3.0% contingency is calculated as 3% of the cost of work.
2. Clarifies that if the schedule should be extended due to this scope of work liquidated damages will not apply.

Revision 2: Revision 2 changes are to adjust the budget applied to this change order to \$158,705.

CE #5072 - Parking Guidance System

This change order is generated from a PDU request to provide a car counting system using the Park Assist technology to monitor every stall.

This quote is being provided based on that request and is based on the attached quotation with scope performed by Park Assist and Del Monte Electric.

Included is the supply and installation for the following device count:

1. M4 Sensors - Qty 304
2. Wireless Sensors - Qty 149
3. Level Count Display Signage - Qty 10
4. Digital Sign Inserts - qty 26
5. Server, Head End, Software - Included

Owner Acknowledges that scope design documents were not provided or generated as a basis for the bidders, and this quotation is based on the request to monitor every stall.

This change order excludes painting, additional electrical panels, changes to electrical room if more space should be required, scanning of existing concrete, coring, patching, re-stripping, additional signage (other than specifically noted in quote), concrete work, adjustment or relocation of other devices or equipment, off hours work, traffic control if the garage is open for use. Scope for Electrical work is also not determined until design is complete, at this time electrical work is included only for cabinets at the satellite electrical rooms, assumed panels in electrical room have capacity. Pricing does not include integration with vehicle gates, cardreaders, or security systems.

Currently we are excluding the costs for temporary construction site facilities, site supervision, misc cleanup, as well as all general conditions [GCs, GR1, GR2]. These are being deferred until the timing of this potential scope is more accurately determined to provide more accurate costs. Providing pricing for these items at this time would be a conservative (higher) value than at a time when more information is available. We will push to incorporate this scope while constructing the Parking Garage Structure, however this additional work does have potential to be performed after completion and reserve the right for an appropriate contract adjustment.

If this scope of work should extend the schedule, liquidated damages will not apply for work related to this scope of work and at a later date a contract

| ITEM DESCRIPTION   | CMR         | Line 23 - Electrical | Line 28 - Approved Alternates | N/A     | N/A     | N/A     | TOTAL                |
|--|-------------|----------------------|-------------------------------|---------|---------|---------|----------------------|
| Direct Labor Cost  | excluded    | \$ 14,334.35         |                               |         |         |         | \$ 14,334.35         |
| Material   | excluded    | \$ 493.15            |                               |         |         |         | \$ 493.15            |
| Equipment  | excluded    |                      |                               |         |         |         | \$ -                 |
| Other  | excluded    | \$ 798,415.00        | \$ (158,705)                  |         |         |         | \$ 639,710.00        |
| <b>Total Cost of Extra Work</b>  | excluded    | \$ 813,242.50        | \$ (158,705)                  |         |         |         | \$ 654,537.50        |
| CMR Self- Performing (not to exceed 15% of total Cost of Extra Work)   | excluded    | excluded             |                               |         |         |         | excluded             |
| Subcontractor's Overhead & Profit on Labor, Materials, & Equipment (Not to exceed 15% of total Cost of Extra Work) |             | \$ 42,144.50         |                               |         |         |         | \$ 42,144.50         |
| Overhead & Profit to CMR for Subcontractor's Work (not to exceed 5% of total cost of extra work)                   |             |                      |                               |         |         |         |                      |
|  | \$ 34,834   |                      |                               | \$ -    | \$ -    | \$ -    | \$ 34,834.10         |
| Contingency (3% of total Cost of Extra Work)   | \$20,900.46 |                      |                               | \$ -    | \$ -    | \$ -    | \$ 20,900.46         |
| (Percent of Total Cost above not including any Overhead, Profit or Contingency)                                    | excluded    |                      |                               | #DIV/0! | #DIV/0! | #DIV/0! | 87%                  |
| <b>GRAND TOTAL</b>   | \$ 55,735   | \$ 855,387.00        | \$ (158,705)                  | \$ -    | \$ -    | \$ -    | <b>\$ 752,416.56</b> |
| <b>REQUESTED CHANGE IN CONTRACT TIME (DAYS)</b>  |             |                      |                               |         |         |         |                      |
| <b>0</b>   |             |                      |                               |         |         |         |                      |
| By CRM:  |             | Signature: _____     | Date: _____                   |         |         |         |                      |



## Bid Alternate Summary County Government Center, Parking Structure 2

| # | Bid Package | Description | Bid Values | Pending | Accepted | Rejected | Date Presented | Notes |
|---|-------------|-------------|------------|---------|----------|----------|----------------|-------|
|---|-------------|-------------|------------|---------|----------|----------|----------------|-------|

### Alternates Adds Accepted by PDU

|     |         |   |                     |  |   |  |        |  |
|-----|---------|---|---------------------|--|---|--|--------|--|
| 01) | ALL     | Deduct if offsite parking is provided by Project Development Unit via bussing program | Incl. w/ Allowances |  | X |  | 5/2/19 |  |
| 11) | 1115-PC | Design, Furnish and Install Vehicle Counting System                                   | \$258,705           |  | X |  | 5/2/19 | Must be taken with 18                  |
| 18) | 2600-EL | Parking Control System Power & Infrastructure   | Incl. w/ Amend 6    |  | X |  | 5/2/19 |  |
| 19) | 2600-EL | Future EV Charging Conduit for Additional   | Incl. w/ Amend 6    |  | X |  | 5/2/19 | Alternate if County wants to add later |
| 21) | 2600-EL | Infrastructure for Exterior Site Cameras  | Incl. w/ Amend 6    |  | X |  | 5/2/19 |  |
| 22) | 2600-EL | Furnish and install Exterior Site Cameras   | Incl. w/ Amend 6    |  | X |  | 5/2/19 |  |
| 23) | 2600-EL | Furnish and install additional conduit for  | Incl. w/ Amend 6    |  | X |  | 5/2/19 |  |
| 26) | 2600-EL | Dual Service Complete   | Incl. w/ Amend 6    |  | X |  | 5/2/19 |  |
| 30) | 3122-GD | Premium cost to furnish and install rubber specified asphalt concrete paving          | \$36,000            |  | X |  | 5/2/19 |  |
| 36) | 7310-ST | New Striping of Existing Parking Lot  | \$17,800            |  | X |  | 5/2/19 |  |
|     |         |   | <b>\$312,505</b>    |  |   |  |        |  |

Value previously approved in budget. Listed as a partial deduct to this change order withholding \$100,00 for potential impacts.

### Alternates Adds Rejected by PDU

|     |         |   |           |  |  |   |        |  |
|-----|---------|---|-----------|--|--|---|--------|--|
| 06) | 0331-SC | Add Steel Trowel Finish at Shotcrete Walls                                | \$129,312 |  |  | X | 5/2/19 |  |
| 07) | 0331-SC | Add Carbon Cure to satisfy Carbon Replacement Strategy                    | \$209,952 |  |  | X | 5/2/19 | Requirement not listed in Specs. Alternate includes in-situ carbon dioxide mineralization at the rate of 5% replacement. |
| 08) | 0742-MP | Curved ACM Panels at Ramp in lieu of Flat Segmented                       | \$85,600  |  |  | X | 5/2/19 |  |
| 10) | 0991-PT | Provide Painting of Underside of Interior Slab Soffits, Beams, and Column | \$398,471 |  |  | X | 5/2/19 |  |
| 15) | 2100-FP | Provide Fire Protection under PV System per sheet FP2.7                   | 137,750   |  |  | X | 5/2/19 | Alternate if County wants to add later   |
| 24) | 2600-EL | Renewable Annual Maintenance Agreement (Security System)                  | 28,500    |  |  | X | 5/2/19 |  |
| 27) | 2600-EL | Dual Service (Infrastructure Only)  | 64,200    |  |  | X | 5/2/19 |  |
| 34) | 3216-SC | Cost to place 4" Concrete w/ Integral Color in lieu of Asphalt Paving     | \$89,600  |  |  | X | 5/2/19 |  |
| 35) | 3216-SC | Cost to place 4" Concrete w/ Standard Finish in lieu of Asphalt Paving    | \$72,800  |  |  | X | 5/2/19 |  |

**Total \$1,216,185**

### Alternates Adds Listed as Pending

|     |         |   |           |   |  |   |        |  |
|-----|---------|---|-----------|---|--|---|--------|--|
| 16) | 2200-PL | Utilized Underground Pipe Hangers & Settlement Joints per RFI 29  | 173,630   | X |  |   | 5/2/19 |  |
| 20) | 2600-EL | Conduit, Wire, and Connections for New Site Signs   | Allowance | X |  |   | 5/2/19 | See allowance log  |
| 31) | 3122-GD | Over-excavate and backfill the building pad per section 6.5 of the Geotech Report for Site Winterization          | \$165,000 |   |  | X | 5/2/19 | May be required if existing soil is in adequate for compaction |
| 32) | 3122-GD | Apply 12" of 3% lime treatment over the building pad per section 6.5 of the Geotech Report for Site Winterization | Allowance |   |  | X | 5/2/19 | See allowance log  |

**Total \$338,630**



This quotation is valid for twenty (20) days.

Best regards,  
Del Monte Electric Co., Inc.

Joey Fong  
Project Manager  
2206-12.3

|   | Description              | Quantity | Unit | Net Cost | Labor | Unit | Total Material | Total Hours |
|---|--------------------------|----------|------|----------|-------|------|----------------|-------------|
| 1 | 3/4" EMT CONDUIT         | 200      | C    | 144.13   | 5.00  | C    | 288.26         | 10.00       |
| 2 | 3/4" EMT STL SS CPLG     | 10       | C    | 71.45    | 5.00  | C    | 7.14           | 0.50        |
| 3 | 3/4" EMT STL COMP CPLG   | 10       | C    | 281.27   | 30.00 | C    | 28.13          | 3.00        |
| 4 | 3/4" EMT 1-H STEEL STRAP | 13       | C    | 79.34    | 4.00  | C    | 10.31          | 0.52        |
| 5 | 3/4" EMT STRUT CLAMP     | 13       | C    | 182.83   | 3.00  | C    | 23.77          | 0.39        |
| 6 | 1/4x1 3/4" WEDGE ANCHOR  | 13       | C    | 68.29    | 16.00 | C    | 8.88           | 2.08        |
| 7 | #12 THHN                 | 300      | M    | 188.28   | 6.00  | M    | 56.48          | 1.80        |
| 8 | 1/4" POLYROPE (M)        | 100      | M    | 42.50    | 4.50  | M    | 4.25           | 0.45        |
| 9 | #12-3C EQUIPMENT TERM    | 7        | E    | 3.60     | 0.70  | E    | 25.20          | 4.90        |
|   | Totals                   | 666      |      |          |       |      | 452.43         | 23.64       |

|   | Labor Type              | Crew | Hours  | Rate \$ | SubTotal | Total    |
|---|-------------------------|------|--------|---------|----------|----------|
| 2 | F 617 (Through 5/31/20) |      | 50.00  | 11.82   | 139.77   | 1,652.08 |
| 3 | J 617 (Through 5/31/20) |      | 50.00  | 11.82   | 126.96   | 1,500.67 |
|   | Totals                  |      | 100.00 | 23.64   | 133.37   | 3,152.75 |

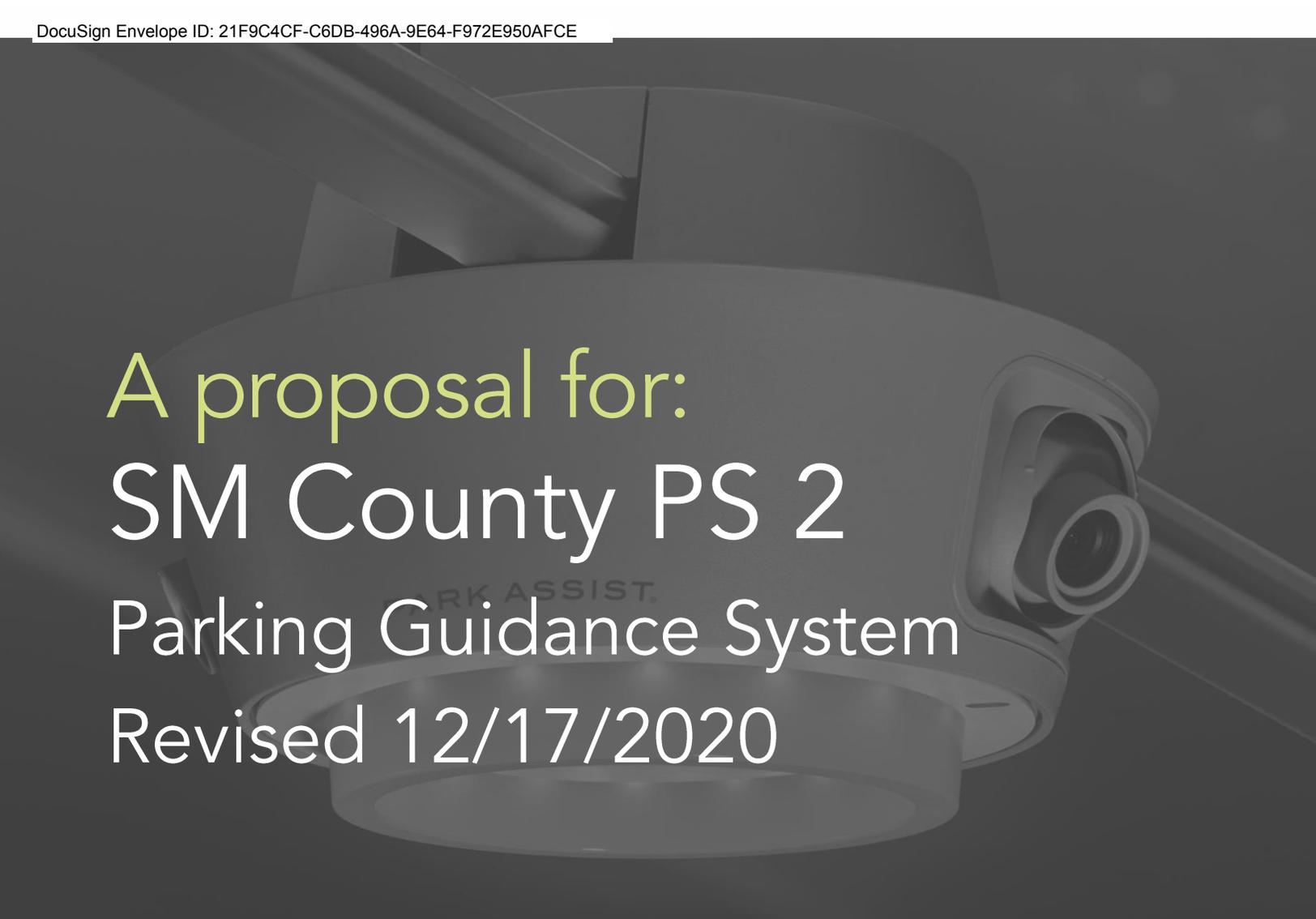
|   | Incidental Labor  | Hours | Rate \$ | SubTotal  | Total     | Full Rate |
|---|-------------------|-------|---------|-----------|-----------|-----------|
| 7 | Coordination Time | 80.00 | 139.77  | 11,181.60 | 11,181.60 | 139.77    |
|   | Totals            | 80.00 | 139.77  | 11,181.60 | 11,181.60 | 139.77    |

|   | Subcontractors          | Alarm | Cost       | Total      | Vendor      | Markup %  |
|---|-------------------------|-------|------------|------------|-------------|-----------|
| 3 | Parking Counting System | Off   | 798,415.00 | 838,335.75 | Park Assist | 5.000     |
|   | Totals                  |       | 798,415.00 | 838,335.75 |             | 39,920.75 |

|  | Final Pricing                 | Calculated (\$) | Calculated (%) | Alarm |
|--|-------------------------------|-----------------|----------------|-------|
|  | Database Material (Extension) | 452.43          |                |       |
|  | Material Escalation           |                 |                |       |
|  | Quoted Material (Extension)   |                 |                |       |
|  | Quoted Material               |                 |                | On    |
|  | Material Tax                  | 40.72           | 9.000          |       |
|  | Material Total                | 493.15          |                |       |
|  | Direct Labor                  | 3,152.75        |                |       |
|  | Incidental Labor              | 11,181.60       |                |       |
|  | Labor Factoring               |                 |                |       |
|  | Labor Escalation              |                 |                |       |
|  | Indirect Labor                |                 |                |       |
|  | Labor Tax                     |                 |                |       |
|  | Labor Total                   | 14,334.35       |                |       |
|  | Subcontractors                | 798,415.00      |                |       |
|  | General Expenses              |                 |                |       |
|  | Equipment                     |                 |                |       |
|  | Total Cost                    | 813,242.50      |                |       |
|  | Database Material Overhead    |                 |                |       |
|  | Quoted Material Overhead      |                 |                |       |
|  | Labor Overhead                |                 |                |       |
|  | Subcontractors Overhead       |                 |                |       |
|  | General Expenses Overhead     |                 |                |       |
|  | Equipment Overhead            |                 |                |       |
|  | Adjustment Overhead           |                 |                |       |
|  | Total Overhead                |                 |                |       |
|  | Database Material Markup      | 73.97           | 15.000         |       |
|  | Quoted Material Markup        |                 | 15.000         |       |
|  | Labor Markup                  | 2,150.15        | 15.000         |       |
|  | Subcontractors Markup         | 39,920.75       | 5.000          |       |

---

|  | Final Pricing           | Calculated (\$) | Calculated (%) | Alarm |
|--|-------------------------|-----------------|----------------|-------|
|  | General Expenses Markup |                 |                |       |
|  | Equipment Markup        |                 |                |       |
|  | Adjustment Markup       |                 |                |       |
|  | Total Markup            | 42,144.87       | 5.182          |       |
|  | Adjustment #1           |                 |                |       |
|  | Adjustment #2           |                 |                |       |
|  | Adjustment #3           |                 |                |       |
|  | Final Adjustment        |                 |                |       |
|  | Selling Price           | 855,387.37      |                |       |
|  | Global Tax              |                 |                |       |
|  | Final Price             | 855,387.37      |                | On    |



A proposal for:  
SM County PS 2  
Parking Guidance System  
Revised 12/17/2020

Proposal presented to:  
Joey Fong, LEED  
Project Manager  
Del Monte Electric

Prepared by:  
William Cai  
415-816-1552  
[will.cai@parkassist.com](mailto:will.cai@parkassist.com)



## Park Assist Proposal – San Mateo County Parking Structure 2

May 28<sup>th</sup>, 2020

Joey Fong, LEED  
Project Manager  
Del Monte Electric



RE: Park Assist Proposal for SM County Paring Structure 2 – Parking Guidance System

Thank you for the opportunity to submit a proposal to Del Monte Electric for the San Mateo County Parking Structure 2 automated parking guidance project. Park Assist is well experience in with the parking guidance sector with Bay Area installations at San Francisco International Airport, Westfield Valley Fair, Hillside Shopping Center, Santana Row and Google YouTube Campus. We also have over 300 sites worldwide.

In our proposal, you will find why Park Assist has the best solution including:

- Proven parking guidance technology
- 99%+ Industry-leading detection accuracy
- Potential growth to single space APGS
- Real-time parking data

On behalf of all of us at Park Assist, I want to assure you of our steadfast commitment to make parking at San Mateo County Parking Structure as efficient, predictable, and enjoyable as possible. Equally important to us is your complete satisfaction. Please do not hesitate to call me with any questions. We appreciate the opportunity to work with Del Monte Electric and look forward to the next steps.

Sincerely,

William Cai  
Account Manager  
[will.cai@parkassist.com](mailto:will.cai@parkassist.com)  
415-816-1552

# M4 Camera Solution



Park Assist invented Camera-Based Parking Guidance to get parkers to a space as quickly and effortlessly as possible.

- The M4 Camera Sensor offers the ability to sense, identify and count vehicles per individual parking space
- The Sensors offer optional License Plate Recognition, and Streaming Surveillance on a single-space basis.
- Configured with one or two digital cameras, the M4 sensor can monitor up to four parking spaces simultaneously, capturing images that are processed to detect space occupancy
- Management will receive parking status and images from the site's Core Server for reporting purposes
- The Light Emitting Diode (LED) indicator is capable of displaying thousands of different colors, typically Green for available and Red for occupied, which will indicate real-time parking status for visitor

# Indication LED



Park Assist’s light rings are on average 8 times the size of the indicator lights used by other parking guidance solutions. With Park Assist’s ring design, Ward’s Entertainment Center will have a brighter indicator light and more color options to choose from.

- Park Assist’s ring display is an RGB LED which can display thousands of colors
- Each indicator can cover up to 4 parking stalls and are installed down the center of the drive aisle
- Due to fewer indicator lights, it is significantly easier for visitors to find an available parking space
- Park Assist’s reporting platform, Park Insights, will aggregate data and communicate with all dynamic signage, to provide real-time space counts for visitors

# Roof Top Sensors

## Wireless Sensor Network

Wireless sensors complement Park Assist guidance systems by extending space-level vehicle detection to uncovered areas such as roof areas and surface lots. Sensors transmit parking space status wirelessly through relay nodes to central data collector points, utilizing a self-repairing mesh radio network. All data flows into the central Park Assist core server for seamless management of the entire site.



A combination of magnetic and infrared technologies are used to detect vehicles, ensuring reliable sensing in a wide variety of situations. Sensors feature IP67 sealing to survive harsh environmental conditions. Multiple sensor models allow the system to adapt to a variety of requirements, including flush mount and surface mount sensors.



Standard sensor



Surface mount sensor



Flush mount sensor

Park Assist Proposal – San Mateo County Parking Structure 2

# Wireless Sensor Network



Ethernet data collector



WAN data collector



Relay node

| PART NUMBER       | DESCRIPTION  | PART NUMBER       | DESCRIPTION  |
|-------------------|--|-------------------|--|
| WS-S100-ST-US-BLK | Wireless sensor system, standard sensor, US, black, per space complete       | WS-S100-SM-EU-BLK | Wireless sensor system, surface mount sensor, EU, black, per space complete  |
| WS-S100-ST-US-YEL | Wireless sensor system, standard sensor, US, yellow, per space complete      | WS-S100-SM-EU-YEL | Wireless sensor system, surface mount sensor, EU, yellow, per space complete |
| WS-S100-FM-US     | Wireless sensor system, flush mount, US, per space complete                  | WS-S100-ST-AU-BLK | Wireless sensor system, standard sensor, AU, black, per space complete       |
| WS-S100-SM-US-BLK | Wireless sensor system, surface mount sensor, US, black, per space complete  | WS-S100-ST-AU-YEL | Wireless sensor system, standard sensor, AU, yellow, per space complete      |
| WS-S100-SM-US-YEL | Wireless sensor system, surface mount sensor, US, yellow, per space complete | WS-S100-FM-AU     | Wireless sensor system, flush mount, AU, per space complete                  |
| WS-S100-ST-EU-BLK | Wireless sensor system, standard sensor, EU, black, per space complete       | WS-S100-SM-AU-BLK | Wireless sensor system, surface mount sensor, AU, black, per space complete  |
| WS-S100-ST-EU-YEL | Wireless sensor system, standard sensor, EU, yellow, per space complete      | WS-S100-SM-AU-YEL | Wireless sensor system, surface mount sensor, AU, yellow, per space complete |
| WS-S100-FM-EU     | Wireless sensor system, flush mount, EU, per space complete                  |                   |  |



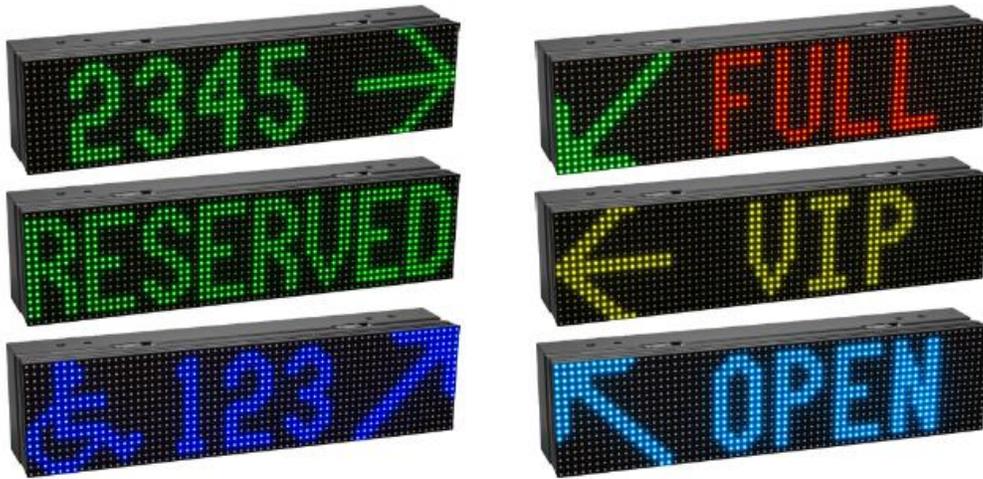
# Signage

## Variable Messaging Sign Insert

With a Park Assist smart-sensor system, digital variable messaging signs are placed at key driver wayfinding decision points within parking structures.

Each Park Assist VMS insert can display a wide range of guidance information, including the number of currently available spaces for its indicated area, icons, and textual messages enabling visitors to quickly make decisions about where to park.

Park Assist VMS inserts can be installed stand-alone or incorporated into an enclosure with one or more inserts.



Light emitting diodes (LEDs) are the key optical element, forming the basis for all illuminated characters and symbols. Character display color is selectable to meet client preferences. Power and network access are provided by Park Assist Floor Cabinets, which make wayfinding signage an extension of the smart-sensor network.

| PART NUMBER | DESCRIPTION   |
|-------------|---|
| VMS-NAV 1x2 | Sign insert, full 16 x 64 LED matrix, 8mm pitch, high brightness for outdoor use, True RGB 16.7M colors, 128 x 512 mm active area |

## Park Assist Proposal – San Mateo County Parking Structure 2

# Variable Messaging Sign Insert Specifications

## CONTENT DISPLAY:

|                         |  |
|-------------------------|--|
| - Capabilities          | Static text or dynamic digits, icons, static or scrolling arrows       |
| - Font                  | 8 x 14 (112 mm character height) or 9 x 16 (128 mm character height)   |
| - Active Area           | 128 mm x 512 mm (5" x 20.2")   |
| - Digit Color           | 24-bit RGB for 16.7M colors  |
| - Brightness            | Continuously adjustable via software, up to 6400 nits                  |
| - Maximum Viewing Range | 78 m @ 24-40 km/h (256' @ 15-25 mph)                                   |
| - Maximum Viewing Angle | Legible viewing maintained at $\pm 60^\circ$ off-axis in any direction |
| - LED Service Life      | 100,000 hours MTBF   |

## COMMUNICATIONS:

|                       |  |
|-----------------------|--|
| - Communication       | 2x switched Ethernet ports for daisy chaining comms. |
| - Protocols Supported | TCP, UDP, DHCP, SNMP, MQTT                           |

## ENVIRONMENT:

|                         |                              |
|-------------------------|------------------------------|
| - Operating Temperature | -30° to 60°C (-22° to 140°F) |
| - Environmental Sealing | IP65                         |

## MECHANICAL:

|                          |   |
|--------------------------|---|
| - Mounting Options       | 2x M8x1.25 threaded inserts on top<br>2x 3/8" threaded inserts on top<br>2x L-brackets bolted to back housing |
| - Service Access         | From front. Case is hinged on top, secured by 2x screws on bottom   |
| - Case Material          | Black powder-coated aluminum  |
| - Case Impact Resistance | IK08  |

## ELECTRICAL:

|                    |  |
|--------------------|--|
| - Voltage          | 18 - 30V DC   24V DC nominal                                       |
| - Power Draw       | 30W nominal   50W maximum  |
| - Protection       | Reverse polarity protected   |
| - Power Connection | 2x parallel internal connectors, up to 5.2 mm <sup>2</sup> (10AWG) |
| - Product Safety   | UL Listed to UL Std. 48  |

## DIMENSIONS:

|                        |                |
|------------------------|----------------|
| - Height               | 128 mm (5")    |
| - Width                | 512 mm (20.2") |
| - Depth (cabinet only) | 90 mm (3.4")   |
| - Weight               | 3 kg (6.6 lbs) |



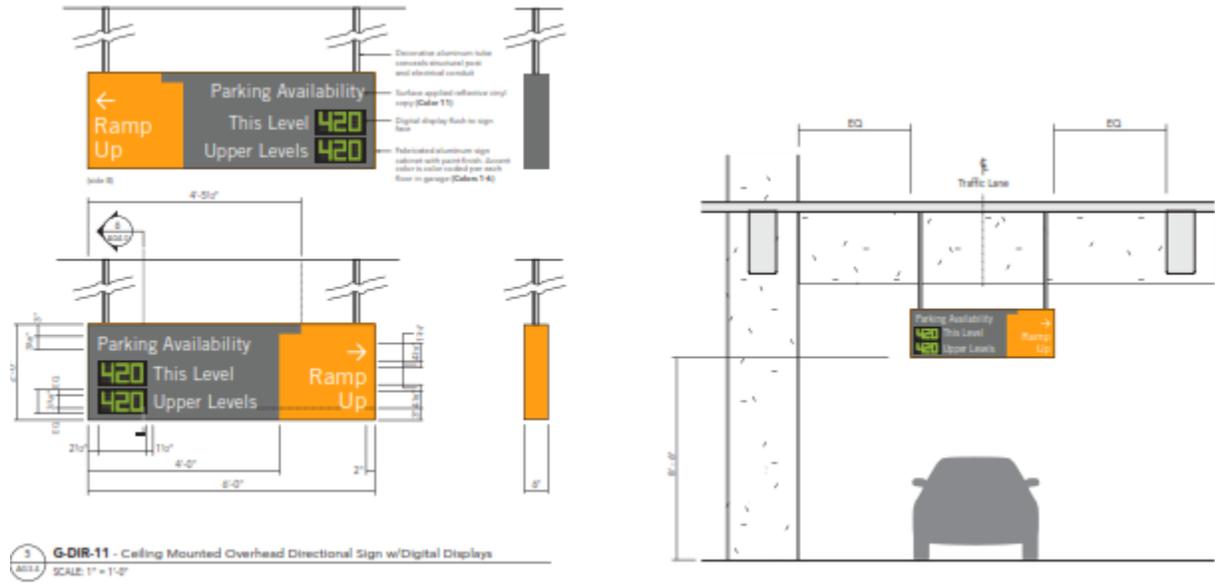
© 2019, Park Assist LLC. All rights reserved. The specifications in this document were effective at the time of printing. Photos are representative only; product may vary in appearance. Park Assist LLC reserves the right to change specifications and designs without prior notification. Rev 06/2019.



[www.parkassist.com](http://www.parkassist.com)

Park Assist Proposal – San Mateo County Parking Structure 2

# Sign Enclosures



| Levels       | Quantity  |
|--------------|-----------|
| Ground       | 4         |
| 2            | 2         |
| 3            | 1         |
| 4            | 1         |
| 5            | 1         |
| 6            | 1         |
| Roof/7       | 0         |
| <b>Total</b> | <b>10</b> |

## Park Assist Proposal – San Mateo County Parking Structure 2

# Bill of Materials

| Description   | QTY               |
|---|-------------------|
| Number of Covered Stall                                       | 873               |
| Number of Uncovered Stall                                     | 149               |
| M4 Sensors  | 304               |
| Wireless Sensors  | 149               |
| Level Count Display Signage                                   | 10                |
| 130mm Digital Sign Inserts                                    | 26                |
| Onsite Server, Head-End, Business Intelligence Software Suite | Included          |
| Park Assist Installation (Union Labor)                        | Included          |
| Park Assist Project Management                                | Included          |
| Commissioning, Networking & Configuration                     | Included          |
| Total Price for Base System                                   | \$ 762,476        |
| Approximate Tax   | \$ 35,939         |
| <b>System Price with Tax</b>                                  | <b>\$ 798,415</b> |

Scope included:

- Provide equipment and installation to monitor all covered stalls with Park Assist M4 sensors.
- Provide equipment and installation to monitor all un-covered stalls with wireless sensors.
- Provide equipment and installation for signs per page 9
- All installation labor will be union labor

Exclusions:

- Power and data path to Park Assist control cabinets (2 on this project).
- Data path from Park Assist server to Park Assist control cabinets.
- Internet connection to Park Assist server with 15mbps upload/download speed.
- Rooftop wireless sensors are designed based on current rooftop design. Cost might increase if solar panels are added.

## Park Assist Warranty Statement

For 1 year from the date of shipment (the "Equipment Warranty Period"), Park Assist warrants the Replacement Equipment will be free from substantial defects in materials and workmanship under conditions of normal use (the "Equipment Warranty"). If applicable, Park Assist further warrants for a period of thirty (30) days from substantial completion, Installation Services shall be performed in accordance with industry standards.

### EXCLUSIVE REMEDY

Park Assist's exclusive obligation under the Equipment Warranty shall be to, at its sole option, repair or replace defective Equipment, at no charge to Customer, so long as notice describing the nature of the defect and location of the Equipment is received by Park Assist within the Equipment Warranty Period and within fourteen (14) days after the defect is discovered. If Customer purchased Installation Services to install the Equipment originally, the Equipment Warranty shall also include the necessary labor required to replace a defective part if Park Assist, in its reasonable judgment, determines that such replacement is required. In no event shall the Equipment Warranty Period be extended by the repair or replacement of an item of Equipment. For the avoidance of doubt, to the extent there are any labor costs that are the responsibility of Park Assist in connection with the Equipment Warranty, any such labor shall be arranged by Park Assist and Park Assist will not reimburse Customer for any costs incurred by Customer to service the Equipment.

### WARRANTY EXCLUSIONS

The Equipment Warranty shall not apply to any defect, loss or damage arising in connection with:

1. Installation, maintenance or attempted repairs that are not performed by Park Assist or its designees;
2. Improper system maintenance not performed by Park Assist or its designees;
3. Improper software configuration not performed by Park Assist or its designees;
4. Product operation outside of specifications;
5. Unauthorized modification or tampering; or
6. any act or omission of a person or entity other than Park Assist or from fire, water, burglary, accident, transit, vandalism, acts of God, terrorism

### DISCLAIMER

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU ANY AND ALL OTHER WARRANTIES WHETHER WRITTEN, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE).

PARK ASSIST FURTHER DISCLAIMS ANY AND ALL WARRANTIES WHETHER WRITTEN, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) RELATED TO PRODUCTS OR HARDWARE NOT PROVIDED BY PARK ASSIST, WHETHER OR NOT PARK ASSIST INSTALLS SUCH PRODUCTS OR HARDWARE.

