

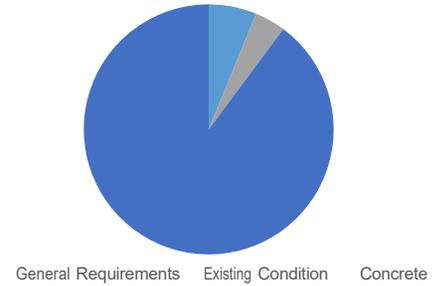
GENERAL SUMMARY

Prepared for: Packaging Corporation of American, 10100 N. 151st Ave., Glendale, AZ 85355
Project ID: 18072024
Scope: Concrete
Date: 03/06/25



| BUILDING GSF | | 364,777 | |
|----------------------------|----------------------|---------------------|--------------------------|
| DIVISION NO. | DESCRIPTION | TOTAL DIV. COST | TOTAL DIV. COST (PER SF) |
| 1000 | General Requirements | \$ 101,000 | \$ 0.28 |
| 2000 | Existing Condition | \$ 64,670 | \$ 0.18 |
| 3000 | Concrete | \$ 1,462,971 | \$ 4.01 |
| TOTAL TRADE COST | | \$ 1,628,641 | \$ 4.46 |
| OVERHEAD AND PROFIT | 15% | \$ 244,296 | \$ 0.67 |
| INSURANCE | 3% | \$ 48,859 | \$ 0.13 |
| CONTINGENCY | 5% | \$ 81,432 | \$ 0.22 |
| TAX | 6.3% | \$ 46,277 | \$ 0.28 |
| TOTAL TRADE COST | | \$ 2,049,505 | \$ 5.62 |

DIVISION COST COMPARISON



DETAILED BREAKDOWN OF ITEMS

Prepared for: Packaging Corporation of American, 10100 N. 151st Ave., Glendale, AZ 85355
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Date: 03/06/25

| SR # | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY | UNIT MANHOUR | HOURLY WAGE | LABOR COST | MAT. COST | UNIT COST | SUB COST |
|---------------------------------------|-----------------------|------------------------|--|------|----------|--------------|-------------|------------|-----------|--------------|-------------------|
| GENERAL REQUIREMENTS | | | | | | | | | | | |
| 1 | | | Permits | LS | 1 | 0.000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2 | | | Supervision and Coordination | LS | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 45,000.00 | \$ 45,000.00 |
| 3 | | | Submittals and Shop drawings | LS | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 3,000.00 | \$ 3,000.00 |
| 4 | | | Final Cleaning | LS | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 8,000.00 | \$ 8,000.00 |
| 5 | | | Mobilization Costs | LS | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 30,000.00 | \$ 30,000.00 |
| 6 | | | Temporary Control & Facilities | LS | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 15,000.00 | \$ 15,000.00 |
| SUBTOTAL | | | | | | | | | | | \$ 101,000 |
| EXISTING CONDITIONS | | | | | | | | | | | |
| DEMOLITION | | | | | | | | | | | |
| 7 | S-011 | Plan Notes | Sawcut & Remove 8" Thick Existing Concrete Slab (7341 LF) | SF | 51736 | 0.025 | \$ 50.00 | \$ 1.25 | \$ - | \$ 1.25 | \$ 64,670.00 |
| SUBTOTAL | | | | | | | | | | | \$ 64,670 |
| CONCRETE | | | | | | | | | | | |
| CAST IN PLACE CONCRETE | | | | | | | | | | | |
| SUN RDC UNIT FOUNDATION: | | | | | | | | | | | |
| 8 | S-031 | 2/S-031 | 3'-0" Thk Concrete Mat Slab (53 CY) | SF | 572 | 0.230 | \$ 78.00 | \$ 17.94 | \$ 22.50 | \$ 40.44 | \$ 23,132 |
| 9 | | | Slab Reinforcement #5 @ 9" O.C. EW T&B | LBS | 3182 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 5,791 |
| 10 | | | Trench Reinforcement #5 Z Bar @ 12" O.C. (18 x 6.5' Long) #5 U Bar @ 12" O.C. (19 x 3.5' Long) | LBS | 206 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 376 |
| 11 | | | 6" Thk Pit Wall (2.5 CY) | SF | 139 | 0.045 | \$ 78.00 | \$ 3.51 | \$ 4.85 | \$ 8.36 | \$ 1,159 |
| 12 | | | Wall Reinforcement #4 @ 12" O.C. | LBS | 123 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 225 |
| 13 | | | Dowels #4 @ 12" O.C. W/ 'Set-3G' Epoxy (ESR-4057) | LBS | 347 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 631 |
| 14 | | | Formwork | SF | 46 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 162 |
| 15 | | | Excavation | CY | 49 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 346 |
| SUBTOTAL SUN RDC | | | | | | | | | | | \$ 31,820 |
| CORRUGATOR/ HARMAX FOUNDATION: | | | | | | | | | | | |
| 16 | S-040 | Plan Notes 11/S-002 | 2'-0" Thk Slab On Grade (417 CY) | SF | 6191 | 0.180 | \$ 78.00 | \$ 14.04 | \$ 16.50 | \$ 30.54 | \$ 189,067 |
| 17 | | | Slab Reinforcement #5 @ 10" O.C. T&B #5 @ 12" O.C. EW T&B | LBS | 15613 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 28,416 |
| 18 | | | 8" Thk Containment Wall (3 CY) | SF | 139 | 0.050 | \$ 78.00 | \$ 3.90 | \$ 5.85 | \$ 9.75 | \$ 1,351 |
| 19 | | | Wall Reinforcement #4 @ 12" O.C. EW Doweled W/ Hilti RE-500 Epoxy | LBS | 185 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 337 |
| 20 | | | Dowels #5 @ 12" O.C. W/ 'Set-3G' Epoxy (ESR-4057) | LBS | 6694 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 12,184 |
| 21 | | | Formwork | SF | 277 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 970 |
| 22 | | | 8" Thk Slab On Grade (39 CY) | SF | 1709 | 0.056 | \$ 78.00 | \$ 4.37 | \$ 6.25 | \$ 10.62 | \$ 18,150 |
| 23 | Plan Notes 9/S-002 | | Slab Reinforcement #5 @ 12" O.C. EW | LBS | 3568 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 6,494 |
| 24 | | | Reinforcement #4 U Bar @ 12" O.C. (3) - #4 Bar | LBS | 2127 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 3,872 |

DETAILED BREAKDOWN OF ITEMS

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 **Design Bids** Date: **03/06/25**

| SR # | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY | UNIT MANHOUR | HOURLY WAGE | LABOR COST | MAT. COST | UNIT COST | SUB COST |
|-----------------------------------|-----------|----------------------------------|---|------|----------|--------------|-------------|------------|-----------|-----------|-------------------|
| 25 | S-041 | | Dowels #4 @ 16" O.C. | LBS | 992 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 1,806 |
| 26 | | | 10" Thk Slab On Grade @ Sump Pit (1 CY) | SF | 25 | 0.100 | \$ 78.00 | \$ 7.80 | \$ 9.80 | \$ 17.60 | \$ 445 |
| 27 | | 10/S-002 | 8" Thk Wall (2.5 CY) -Height Is Assumed As 48". Kindly VIF | SF | 106 | 0.050 | \$ 78.00 | \$ 3.90 | \$ 5.85 | \$ 9.75 | \$ 1,030 |
| 28 | | | Reinforcement #5 @ 12" O.C. EW | LBS | 275 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 501 |
| 29 | | | Dowels #4 @ 12" O.C. | LBS | 106 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 193 |
| 30 | | | Excavation | CY | 463 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 3,240 |
| SUBTOTAL CORRUGATOR/HARMAX | | | | | | | | | | | \$ 268,057 |
| EVOL 1 FOUNDATION: | | | | | | | | | | | |
| 31 | S-020 | Plan Notes 11/S-002 | 1'-0" Thk Slab On Grade (35 CY) | SF | 1027 | 0.125 | \$ 78.00 | \$ 9.75 | \$ 6.85 | \$ 16.60 | \$ 17,055 |
| 32 | | | Reinforcement #5 @ 12" O.C. T&B | LBS | 2143 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 3,901 |
| 33 | | | 2'-0" Thk Pad (12 CY) | SF | 172 | 0.180 | \$ 78.00 | \$ 14.04 | \$ 16.50 | \$ 30.54 | \$ 5,241 |
| 34 | | | Reinforcement #5 @ 12" O.C. T&B | LBS | 477 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 869 |
| 35 | | | 2'-0" Thk Slab (84 CY) | SF | 1254 | 0.180 | \$ 78.00 | \$ 14.04 | \$ 16.50 | \$ 30.54 | \$ 38,297 |
| 36 | | | Reinforcement #6 @ 12" O.C. EW T&B | LBS | 10045 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 18,283 |
| 37 | | | 1'-6 1/2" Thk Raised Slab (2 CY) | SF | 40 | 0.132 | \$ 78.00 | \$ 10.30 | \$ 11.25 | \$ 21.55 | \$ 853 |
| 38 | | | Reinforcement (8) # 5 Bars #4 @ 18" O.C. | LBS | 220 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 400 |
| 39 | | | 6" Thk Slab (3 CY) | SF | 155 | 0.050 | \$ 78.00 | \$ 3.90 | \$ 4.85 | \$ 8.75 | \$ 1,357 |
| 40 | | | Reinforcement #4 @ 12" O.C. EW | LBS | 207 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 377 |
| 41 | S-022 | 6" Thk Wall (3 CY) | SF | 154 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 5.85 | \$ 10.92 | \$ 1,682 | |
| 42 | | Reinforcement #4 @ 12" O.C. EW | LBS | 206 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 374 | |
| 43 | | Formwork | SF | 110 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 385 | |
| 44 | | Dowels #5 Slip Dowels @ 12" O.C. | LBS | 539 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 981 | |
| 45 | S-020 | 5/S-023 | 2'-4" x 1'-8 1/2" Box Slitter Foundation (50 LF) | CY | 8 | 2.850 | \$ 78.00 | \$ 222.30 | \$ 185.50 | \$ 407.80 | \$ 3,290 |
| 46 | | | Reinforcement #5 @ 12" O.C. EW | LBS | 382 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 695 |
| 47 | | | Dowels #5 @ 18" O.C. | LBS | 110 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 200 |
| 48 | | | Excavation | CY | 67 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 466 |
| SUBTOTAL EVOL 1 | | | | | | | | | | | \$ 94,706 |
| EVOL 2 FOUNDATION: | | | | | | | | | | | |
| 49 | S-020 | | 1'-0" Thk Slab On Grade (35 CY) | SF | 1027 | 0.125 | \$ 78.00 | \$ 9.75 | \$ 6.85 | \$ 16.60 | \$ 17,055 |
| 50 | | | Reinforcement #5 @ 12" O.C. T&B | LBS | 2143 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 3,901 |
| 51 | | | 2'-0" Thk Pad (12 CY) | SF | 172 | 0.180 | \$ 78.00 | \$ 14.04 | \$ 16.50 | \$ 30.54 | \$ 5,241 |
| 52 | | | Reinforcement #5 @ 12" O.C. T&B | LBS | 477 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 869 |
| 53 | | | 2'-0" Thk Slab (84 CY) | SF | 1254 | 0.180 | \$ 78.00 | \$ 14.04 | \$ 16.50 | \$ 30.54 | \$ 38,297 |

DETAILED BREAKDOWN OF ITEMS

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 **Design Bids** Date: **03/06/25**

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|--------------------------------|----------------------|------------------------|--|---------|--------------------------------|--------------|-------------|------------|-----------|-----------|-------------------|
| 54 | S-022 | Plan Notes 11/S-002 | Reinforcement #6 @ 12" O.C. EW T&B | LBS | 10045 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 18,283 |
| 55 | | | 1'-6 1/2" Thk Raised Slab (2 CY) | SF | 40 | 0.132 | \$ 78.00 | \$ 10.30 | \$ 11.25 | \$ 21.55 | \$ 853 |
| 56 | | | Reinforcement (8) # 5 Bars #4 @ 18" O.C. | LBS | 220 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 400 |
| 57 | | | 6" Thk Slab (3 CY) | SF | 155 | 0.050 | \$ 78.00 | \$ 3.90 | \$ 4.85 | \$ 8.75 | \$ 1,357 |
| 58 | | | Reinforcement #4 @ 12" O.C. EW | LBS | 207 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 377 |
| 59 | | | 6" Thk Wall (3 CY) | SF | 154 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 5.85 | \$ 10.92 | \$ 1,682 |
| 60 | | | Reinforcement #4 @ 12" O.C. EW | LBS | 206 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 374 |
| 61 | | | Formwork | SF | 110 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 385 |
| 62 | | | Dowels #5 Slip Dowels @ 12" O.C. | LBS | 539 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 981 |
| 63 | | | 2'-4" x 1'-8 1/2" Box Slitter Foundation (50 LF) | CY | 8 | 2.850 | \$ 78.00 | \$ 222.30 | \$ 185.50 | \$ 407.80 | \$ 3,290 |
| 64 | | | S-020 | 5/S-023 | Reinforcement #5 @ 12" O.C. EW | LBS | 382 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 |
| 65 | Dowels #5 @ 18" O.C. | LBS | | | 110 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 200 |
| 66 | Excavation | CY | | | 67 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 466 |
| SUBTOTAL EVOL 2 | | | | | | | | | | | \$ 94,706 |
| SCRAP TRENCH FOUNDATION | | | | | | | | | | | |
| 67 | S-050 | 2/S-050 | 6'-0" W X 10" Thk Concrete Slab (51 CY) | SF | 1779 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 7.85 | \$ 12.92 | \$ 22,981 |
| 68 | | | Reinforcement #4 @ 12" O.C EA Way T & B Cont. Bar | LBS | 4753 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 8,650 |
| 69 | | | 4'-0" H X 10" Thk Cont. Concrete Wall (68 CY) | SF | 2372 | 0.085 | \$ 78.00 | \$ 6.63 | \$ 6.85 | \$ 13.48 | \$ 31,969 |
| 70 | | | Reinforcement #5 @ 12" O.C EA Way T & B Cont. Bar | LBS | 9894 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 18,008 |
| 71 | | | Dowel Reinforcement #4 @ 12" O.C. | LBS | 3366 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 6,127 |
| 72 | | | Dowel Reinforcement #4 @ 18" O.C. Hilti RE-500 Epoxy | LBS | 594 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 1,081 |
| 73 | | | Formwork | SF | 5751 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 20,129 |
| 74 | | | Excavation | CY | 274 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 1,918 |
| SUBTOTAL SCRAP TRENCH | | | | | | | | | | | \$ 110,863 |
| T CAR FOUNDATION | | | | | | | | | | | |
| 75 | S-060 | 3/S-060 | 10'-7" W X 10" Thk Concrete Slab (22 CY) | SF | 5132 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 7.85 | \$ 12.92 | \$ 66,310 |
| 76 | | | Reinforcement #5 @ 12" O.C EA Way Cont. Bar | LBS | 12730 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 23,169 |
| 77 | | | Dowel Reinforcement #4 @ 18" O.C. | LBS | 432 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 786 |
| 78 | | | Excavation | CY | 30 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 213 |
| SUBTOTAL T CAR | | | | | | | | | | | \$ 90,479 |
| MSK HOODER FOUNDATION | | | | | | | | | | | |
| 79 | | | 12'-5" W X 1'-6" Thk Concrete Slab (21.2 CY) | SF | 419 | 0.132 | \$ 78.00 | \$ 10.30 | \$ 11.25 | \$ 21.55 | \$ 9,030 |
| 80 | | | Reinforcement #5 @ 12" O.C EA Way Top & Bottom Cont. Bar | LBS | 1748 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 3,182 |
| 81 | | | 1'-2" H X 8" Thk Cont. Concrete Wall (2.5 CY) | SF | 110 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 6.25 | \$ 11.32 | \$ 1,242 |

DETAILED BREAKDOWN OF ITEMS

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| SR # | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY | UNIT MANHOUR | HOURLY WAGE | LABOR COST | MAT. COST | UNIT COST | SUB COST |
|---|-----------|----------|--|------|----------|--------------|-------------|------------|-----------|-----------|------------------|
| 82 | S-080 | 3/S-080 | Reinforcement #5 @ 12" O.C EA Way Cont. Bar | LBS | 229 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 418 |
| 83 | | | Dowel Reinforcement #5 @12" O.C. | LBS | 493 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 898 |
| 84 | | | Formwork | SF | 361 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 1,265 |
| 85 | | | Excavation | CY | 31 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 217 |
| SUBTOTAL MSK HOODER | | | | | | | | | | | \$ 16,252 |
| STARCH SILO FOUNDATION | | | | | | | | | | | |
| 86 | S-090 | 3/S-090 | 24" Thk Concrete Pad (22 CY) | SF | 327 | 0.180 | \$ 78.00 | \$ 14.04 | \$ 16.50 | \$ 30.54 | \$ 9,977 |
| 87 | | | Reinforcement #6 @ 12" O.C EA Way Top & Bottom Cont. Bar | LBS | 1963 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 3,572 |
| 88 | | | Formwork | SF | 152 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 531 |
| 89 | | | Excavation | CY | 16 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 113 |
| SUBTOTAL STARCH SILO | | | | | | | | | | | \$ 14,194 |
| J & L FOUNDATION | | | | | | | | | | | |
| 90 | S-090 | 4/S-090 | 10" Thk Concrete Slab (3.2 CY) | SF | 112 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 7.85 | \$ 12.92 | \$ 1,450 |
| 91 | | | Reinforcement #4 @ 12" O.C EA Way Cont. Bar | LBS | 150 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 273 |
| 92 | | | 3'-8" H X 8" Thk Cont. Concrete Wall (3.7 CY) | SF | 166 | 0.050 | \$ 78.00 | \$ 3.90 | \$ 5.85 | \$ 9.75 | \$ 1,614 |
| 93 | | | Reinforcement #5 @ 12" O.C EA Way Cont. Bar | LBS | 344 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 626 |
| 94 | | | Dowel Reinforcement #4 @12" O.C. | LBS | 62 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 112 |
| 95 | | | Dowel Reinforcement #5 @18" O.C. Hilti RE-500 Epoxy | LBS | 63 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 114 |
| 96 | | | Formwork | SF | 812 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 2,841 |
| 97 | | | Excavation | CY | 16 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 112 |
| SUBTOTAL J & L | | | | | | | | | | | \$ 7,142 |
| ELECTRICAL NW FOUNDATION | | | | | | | | | | | |
| 98 | S-100 | 12/S-002 | 12" Thk X 3'-0" W Concrete Cont. Footing (6.3 CY) | SF | 188 | 0.125 | \$ 78.00 | \$ 9.75 | \$ 6.85 | \$ 16.60 | \$ 3,122 |
| 99 | | | Reinforcement #5 @ 16" O.C EA Way Cont. Bar | LBS | 397 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 722 |
| 100 | | | Dowel Reinforcement #5 @16" O.C. | LBS | 148 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 268 |
| 101 | | | Dowel Reinforcement #4 @12" O.C. Hilti RE-500 Epoxy | LBS | 71 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 129 |
| 102 | | | Formwork | SF | 41 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 145 |
| 103 | | | Excavation | CY | 2 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 16 |
| SUBTOTAL ELECTRICAL NW | | | | | | | | | | | \$ 4,404 |
| SHIPPING / WASTEWATER FOUNDATION | | | | | | | | | | | |
| 104 | S-100 | 12/S-002 | 12" Thk X 3'-0" W Concrete Cont. Footing (8 CY) | SF | 244 | 0.125 | \$ 78.00 | \$ 9.75 | \$ 6.85 | \$ 16.60 | \$ 4,054 |
| 105 | | | Reinforcement #5 @ 16" O.C EA Way Cont. Bar | LBS | 515 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 938 |
| 106 | | | Dowel Reinforcement #5 @16" O.C. | LBS | 192 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 349 |
| 107 | | | Dowel Reinforcement #4 @12" O.C. Hilti RE-500 Epoxy | LBS | 92 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 168 |
| 108 | | | Formwork | SF | 54 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 188 |

DETAILED BREAKDOWN OF ITEMS

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 **Date: 03/06/25**

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|-----------------------------|-----------|------------|---|---|----------|--------------|-------------|------------|-----------|-----------------------|--------------------|------------|
| 109 | | | Excavation | CY | 3 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 21 | |
| 110 | | | 3'-0" H X 8" Thk Cont. Concrete Wall (5 CY) | SF | 241 | 0.050 | \$ 78.00 | \$ 3.90 | \$ 5.85 | \$ 9.75 | \$ 2,349 | |
| 111 | | 11/S-002 | Reinforcement #4 @ 12" O.C EA Way Cont. Bar | LBS | 321 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 585 | |
| 112 | | | Dowel Reinforcement #4 @12" O.C. Hilti RE-500 Epoxy | LBS | 46 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 83 | |
| 113 | | | Formwork | SF | 482 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 1,686 | |
| SUBTOTAL WASTEWATER | | | | | | | | | | | \$ 10,420 | |
| SUPPORT FOUNDATION | | | | | | | | | | | | |
| 114 | | 12/S-002 | 12" Thk X 3'-0" W Concrete Cont. Footing (37 CY) | SF | 1106 | 0.125 | \$ 78.00 | \$ 9.75 | \$ 6.85 | \$ 16.60 | \$ 18,351 | |
| 115 | | | Reinforcement #5 @ 16" O.C EA Way Cont. Bar | LBS | 2332 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 4,245 | |
| 116 | | | Dowel Reinforcement #5 @16" O.C. | LBS | 867 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 1,578 | |
| 117 | | | Dowel Reinforcement #4 @12" O.C. Hilti RE-500 Epoxy | LBS | 418 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 760 | |
| 118 | | | Formwork | SF | 243 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 851 | |
| 119 | | | Excavation | CY | 14 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 95 | |
| 120 | S-100 | 01/S-003 | 10" Thk Concrete Slab (1.3 CY) | SF | 44 | 0.065 | \$ 78.00 | \$ 5.07 | \$ 7.85 | \$ 12.92 | \$ 568 | |
| 121 | | | | Reinforcement #5 @ 12" O.C Cont. Bar | LBS | 153 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 279 |
| 122 | | | | Dowel Reinforcement #5 @18" O.C. | LBS | 25 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 45 |
| 123 | | | | Formwork | SF | 9 | 0.100 | \$ 35.00 | \$ 3.50 | \$ - | \$ 3.50 | \$ 33 |
| 124 | | Excavation | CY | 1 | 0.125 | \$ 56.00 | \$ 7.00 | \$ - | \$ 7.00 | \$ 4 | | |
| SUBTOTAL SUPPORT | | | | | | | | | | | \$ 26,810 | |
| CONCRETE SLAB INFILL | | | | | | | | | | | | |
| 125 | S-011 | 13/S-003 | 8" Thick Concrete Slab Infill (822 CY) | SF | 36454 | 0.056 | \$ 78.00 | \$ 4.37 | \$ 6.25 | \$ 10.62 | \$ 387,069 | |
| 126 | | | | Reinforcement #5 @ 12" O.C Bar Each Way. Bottom | LBS | 76043 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 138,398 |
| 127 | | | | Dowel Reinforcement #4 @12" O.C. Hilti RE-500 Epoxy | LBS | 5386 | 0.015 | \$ 58.00 | \$ 0.87 | \$ 0.95 | \$ 1.82 | \$ 9,803 |
| CONCRETE FINISHING | | | | | | | | | | | | |
| POLISH CONCRETE: | | | | | | | | | | | | |
| 128 | A-701 | A-705 | F3: Polished Concrete Size: 800 Grit Note: Kindly VIF Whether The Contractor Is Responsible For Polishing The Concrete. | SF | 383130 | 0.004 | \$ 78.00 | \$ 0.31 | \$ 0.10 | \$ 0.41 | \$ 157,850 | |
| SUBTOTAL MISC | | | | | | | | | | | \$ 693,119 | |
| | | | | | | | | | | PROJECTED COST | \$1,628,641 | |
| OVERHEAD AND PROFIT | | | | | | | | | | 15% | \$244,296 | |
| INSURANCE | | | | | | | | | | 3% | \$48,859 | |
| CONTINGENCY | | | | | | | | | | 5% | \$81,432 | |
| TAX | | | | | | | | | | 6.3% | \$46,277 | |
| SUGGESTED BID | | | | | | | | | | | \$2,049,505 | |
| Note: | | | | | | | | | | | | |

DETAILED BREAKDOWN OF ITEMS

Prepared for: Packaging Corporation of American, 10100 N. 151st Ave., Glendale, AZ 85355
Project ID: 18072024
Scope: Concrete

 Design
Bids Date: 03/06/25

| SR # | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY | UNIT MANHOUR | HOURLY WAGE | LABOR COST | MAT. COST | UNIT COST | SUB COST |
|------|-----------|----------|-------------|------|----------|-----------------|----------------|------------|-----------|-----------|----------|
|------|-----------|----------|-------------|------|----------|-----------------|----------------|------------|-----------|-----------|----------|

1. We Have Not Included Concrete Embeds In Our Estimate. Kindly Coordinate W/ Respective Subcontractors For Equipment Accessories Installation.

