



| SR # | DRAWING# | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT OF MEASUREMENT | UNIT COST | TOTAL ITEM COST | TOTAL TRADE COST |
|--|-------------------|----------|---|--------|---------|------------------|---------------------|-----------|-----------------|-------------------|
| DIV. 07 THERMAL AND MOISTURE PROTECTION | | | | | | | | | | \$ 352,728 |
| ROOF ASSEMBLY-1 | | | | | | | | | | |
| 1 | | | TPO ROOFING MEMBRANE | 3,329 | 10% | 3,662 | SF | \$ 5.3 | \$ 19,408 | |
| 2 | A121B, A321-A323 | | 1/2" COVER BOARD | 3,157 | 10% | 3,473 | SF | \$ 3.5 | \$ 12,154 | |
| 3 | | | 4-1/2" THICK RIGID INSULATION (MIN. R-25) | 3,157 | 10% | 3,473 | SF | \$ 2.3 | \$ 7,987 | |
| ROOF ASSEMBLY-2 | | | | | | | | | | |
| 4 | | | ASPHALT ROOF SHINGLES | 14,637 | 10% | 16,101 | SF | \$ 6.5 | \$ 104,655 | |
| 5 | | | 30# FELT UNDERLAYMENT (2 LAYERS) | 14,637 | 10% | 16,101 | SF | \$ 1.3 | \$ 20,931 | |
| 6 | | | 7/16" O.S.B. | 14,637 | 10% | 16,101 | SF | \$ 3.4 | \$ 54,742 | |
| 7 | A121B, A324, A325 | | 2-1/2" THICK RIGID INSULATION-POLYISOCYANURATE INSULATION PANEL (MIN. R-25) W/ 2" AIR GAP- VENT SPACER STRIPS | 14,637 | 10% | 16,101 | SF | \$ 2.3 | \$ 37,032 | |
| 8 | | | 2" THICK RIGID INSULATION (MIN. R-25) | 14,637 | 10% | 16,101 | SF | \$ 2.1 | \$ 33,811 | |
| ROOF ASSEMBLY-3 | | | | | | | | | | |
| 9 | | | STANDING SEAM METAL ROOF | 809 | 10% | 890 | SF | \$ 12.4 | \$ 11,035 | |
| 10 | | | 30# FELT UNDERLAYMENT | 809 | 10% | 890 | SF | \$ 1.3 | \$ 1,157 | |
| 11 | A121B, A324, A326 | | 7/16" O.S.B. | 809 | 10% | 890 | SF | \$ 3.4 | \$ 3,026 | |
| 12 | | | 4-1/2" THICK RIGID INSULATION-POLYISOCYANURATE INSULATION PANEL (MIN. R-25) | 809 | 10% | 890 | SF | \$ 2.4 | \$ 2,136 | |
| ROOF ASSEMBLY-4 | | | | | | | | | | |
| 13 | | | ASPHALT ROOF SHINGLES | 649 | 10% | 714 | SF | \$ 6.5 | \$ 4,640 | |
| 14 | | | 30# FELT UNDERLAYMENT (2 LAYERS) | 649 | 10% | 714 | SF | \$ 1.3 | \$ 928 | |
| 15 | | | 7/16" O.S.B. | 649 | 10% | 714 | SF | \$ 3.4 | \$ 2,427 | |
| 16 | A121A, A301, A325 | | 2-1/2" THICK RIGID INSULATION-POLYISOCYANURATE INSULATION PANEL (MIN. R-25) W/ 2" AIR GAP- VENT SPACER STRIPS | 649 | 10% | 714 | SF | \$ 2.3 | \$ 1,642 | |
| 17 | | | 2" THICK RIGID INSULATION (MIN. R-25) | 649 | 10% | 714 | SF | \$ 2.1 | \$ 1,499 | |
| ROOF ASSEMBLY-5 | | | | | | | | | | |
| 18 | A121A, A301, A325 | | TPO ROOFING MEMBRANE | 250 | 10% | 275 | SF | \$ 5.3 | \$ 1,458 | |
| 19 | | | 1/2" COVER BOARD | 250 | 10% | 275 | SF | \$ 3.5 | \$ 963 | |



| | | | | | | | | | | | | |
|------------------------------------|---------------------|--|-----|-----|-----|----|----|------------|----------------|---------------|----------------|---------------|
| | | COPING 1'-8"Wx10"H CAST STONE COPING | | | | | | | | | | |
| 20 | | 2'-3"WIDE CAST STONE CAP 24"L | 117 | 10% | 129 | LF | \$ | 7.8 | \$ | 1,006 | | |
| 21 | | PREFINISHED METAL COPING 9"W | 17 | 10% | 19 | LF | \$ | 7.8 | \$ | 149 | | |
| 22 | A121A, A121B, A321- | PREFINISHED METAL COPING CAST STONE | 174 | 10% | 191 | LF | \$ | 6.5 | \$ | 1,241 | | |
| 23 | A326, A511-A514 | COPING AT BASE OF CUPOLA | 17 | 10% | 19 | LF | \$ | 6.5 | \$ | 125 | | |
| 24 | | 2'-7"Wx2'-7"Lx1'-3"H CAST STONE COPING | 284 | 10% | 313 | SF | \$ | 7.8 | \$ | 2,441 | | |
| 25 | | | 2 | 0% | 2 | EA | \$ | 7.8 | \$ | 16 | | |
| | | FACIA, FLASHING AND VENTS | | | | | | | | | | |
| 26 | | 11"H PREFINISHED METAL RAKE FASCIA | 308 | 10% | 338 | LF | \$ | 6.5 | \$ | 2,200 | | |
| 27 | | PREFINISHED METAL FASCIA W/ DRIP EDGE | 430 | 10% | 473 | LF | \$ | 6.5 | \$ | 3,076 | | |
| 28 | | PREFINISHED METAL STEP FLASHING | 68 | 10% | 74 | LF | \$ | 6.5 | \$ | 484 | | |
| 29 | | PREFINISHED METAL FLASHING W/ DRIP EDGE | 430 | 10% | 473 | LF | \$ | 6.5 | \$ | 3,076 | | |
| 30 | A121A, A121B, A321- | 1'-4"L PREFINISHED METAL FLASHING SILL | 30 | 10% | 33 | LF | \$ | 9.1 | \$ | 300 | | |
| 31 | A326, A511-A514 | PREFINISHED RECEIVER AND COUNTER FLASHING W/ SEALANT AND TERMINATION BAR | 172 | 10% | 189 | LF | \$ | 6.2 | \$ | 1,173 | | |
| 32 | | PREFINISHED METAL RIDGE VENT- FIELD ROOFED | 522 | 10% | 574 | LF | \$ | 6.5 | \$ | 3,732 | | |
| 33 | | PREFINISHED METAL FASCIA VENT | 17 | 10% | 19 | LF | \$ | 6.5 | \$ | 122 | | |
| | | GUTTER, DOWNSPOUTS, DRAIN, SCUPPERS ETC | | | | | | | | | | |
| 34 | | 6"Dx8"W PREFINISHED METAL GUTTER | 243 | 10% | 267 | LF | \$ | 14.5 | \$ | 3,868 | | |
| 35 | | 3"Dx4"W PREFINISHED METAL GUTTER | 102 | 10% | 112 | LF | \$ | 14.5 | \$ | 1,621 | | |
| 36 | | 3"Dx4"W PREFINISHED DOWNSPOUT AND RND. CAST IRON BOOT | 41 | 10% | 45 | LF | \$ | 14.5 | \$ | 655 | | |
| 37 | A121A, A121B, A321- | 5" DIA. PREFINISHED METAL DOWNSPOUT W/ ROUND CAST IRON DOWNSPOUT BOOT | 98 | 10% | 108 | LF | \$ | 14.5 | \$ | 1,566 | | |
| 38 | A326, A511-A514 | METAL GUTTER EXTENTION TO MATCH EXISTING | 17 | 10% | 19 | LF | \$ | 14.5 | \$ | 278 | | |
| 39 | | THRU-WALL SCUPPER | 2 | 0% | 2 | EA | \$ | 100.0 | \$ | 200 | | |
| 40 | | ROOF DRAIN TO MATCH EXISTING | 1 | 0% | 1 | EA | \$ | 650.0 | \$ | 650 | | |
| | | MISC. WORK | | | | | | | | | | |
| 41 | | ROOF CRICKET | 208 | 10% | 229 | SF | \$ | 7.2 | \$ | 1,651 | | |
| 42 | A121A, A121B | HIGH PERFORMANCE COATED STEEL TUBE CROSS | 1 | 0% | 1 | EA | \$ | 400.0 | \$ | 400 | | |
| 43 | | WEATHER BARRIER OVER 1/2" RIGID INSULATION | 102 | 10% | 112 | SF | \$ | 1.4 | \$ | 157 | | |
| 44 | A121B, 3/A514 | ROOF EXPANSION JOINT COVER W/ FIRE RETARDANT | 30 | 10% | 33 | LF | \$ | 2.4 | \$ | 79 | | |
| 45 | A121A | TREATED 2X WOOD BLOCKING AND SHIMS | | | | | | | | | | |
| | | ASPHALT SHINGLES ON BUILT-UP COUNTER SLOPE | 116 | 10% | 128 | SF | \$ | 6.5 | \$ | 829 | | |
| SUB TOTAL | | | | | | | | \$ | 352,728 | \$ | 352,728 | |
| OVERHEAD & PROFIT (25%) | | | | | | | | 25% | \$ | 88,182 | \$ | 88,182 |
| TOTAL BID | | | | | | | | \$ | 440,909 | \$ | 440,909 | |



ALTERNATE

| SR # | DRAWING# | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT OF MEASUREMENT | UNIT COST | TOTAL ITEM COST | TOTAL TRADE COST |
|---------------------------------------|----------|--|-------|---------|------------------|---------------------|-----------|-----------------|------------------|
| ALTERNATE#1 | | | | | | | | | \$ 1,856 |
| BELL TOWER @ 45' A.F.F ROOFING | | | | | | | | | |
| 46 | | STANDING SEAM METAL ROOF | 90 | 10% | 99 | SF | \$ 12.4 | \$ 1,228 | |
| 47 | A902 | HIGH PERFORMANCE COATED STEEL TUBE CROSS | 1 | 0% | 1 | EA | \$ 300.0 | \$ 300 | |
| 48 | | 8"H CAST STONE COPING | 38 | 10% | 42 | SF | \$ 7.8 | \$ 329 | |
| ALTERNATE#2 | | | | | | | | | \$ 24,362 |
| WEST CANOPY ROOFING | | | | | | | | | |
| 49 | | ASPHALT ROOF SHINGLES | 2,628 | 10% | 2,891 | SF | \$ 6.5 | \$ 18,790 | |
| 50 | | 2'-3"W CAST STONE CAP | 22 | 10% | 24 | LF | \$ 12.7 | \$ 307 | |
| 51 | A902 | 4" DIA. DOWNSPOUT | 59 | 10% | 65 | LF | \$ 14.5 | \$ 942 | |
| 52 | | CONTINUOUS PREFINISHED METAL GUTTER | 271 | 10% | 298 | LF | \$ 14.5 | \$ 4,322 | |