



**COLUMBUS METROPOLITAN
HOUSING AUTHORITY**

COMMUNITY. COMMITMENT. COLLABORATION.

INVITATION FOR BIDS (IFB) NO. 2022-008 ROOF
REPLACEMENT (Chestnut Grove)

Attachment A

Roof Building #1

| Description | Quantity |
|--|-------------|
| 1. Tear off composition shingles (no haul off) | 241.39 SQ |
| 2. Remove Additional charge for steep roof - 7/12 to 9/12 slope | 2.23 SQ |
| 3. Remove Additional charge for steep roof - 10/12 - 12/12 slope | 24.48 SQ |
| 4. Remove Additional charge for high roof (2 stories or greater) | 241.39 SQ |
| 5. Rubber roofing - Fully adhered system - 45 mil | 1.00 SQ |
| 6. Roofing felt - 15 lb. | 241.39 SQ |
| 7. R&R Drip edge | 1,071.00 LF |
| 8. R&R Valley metal - (W) profile | 506.00 LF |
| 9. Asphalt starter - universal starter course | 1,071.00 LF |
| 10. Laminated - comp. shingle rfg. - w/out felt | 242.00 SQ |
| 11. Material Only Laminated - comp. shingle rfg. - w/out felt | 24.33 SQ |
| This supports the waste factor for materials only. | |
| 12. Additional charge for high roof (2 stories or greater) | 241.39 SQ |
| 13. Additional charge for steep roof - 7/12 to 9/12 slope | 2.23 SQ |
| 14. Additional charge for steep roof - 10/12 - 12/12 slope | 24.48 SQ |
| 15. R&R Flashing - L flashing - color finish | 12.00 LF |
| 16. Step flashing | 94.00 LF |
| 17. Flashing - pipe jack | 20.00 EA |
| 18. Roof vent - turtle type - Metal | 52.00 EA |
| 19. Rain cap - 8" | 7.00 EA |
| 20. Continuous ridge vent - shingle-over style | 376.55 LF |
| 21. Ridge cap - composition shingles | 883.00 LF |
| General Conditions: | |
| 22. Roofing - General Laborer - per hour | 56.00 HR |
| 23. Temporary protection - allowance | 1.00 EA |
| 24. Dumpster load - Approx. 30 yards, 5-7 tons of debris | 5.00 EA |
| 25. Telehandler/forklift and operator | 80.00 HR |

Roof Building #2

| Description | Quantity |
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| Roofing Items: | |
| 26. Tear off composition shingles (no haul off) | 61.62 SQ |
| 27. Remove Additional charge for steep roof - 7/12 to 9/12 slope | 59.33 SQ |
| 28. Remove Additional charge for steep roof - 10/12 - 12/12 slope | 2.05 SQ |
| 29. Remove Additional charge for steep roof greater than 12/12 slope | 0.24 SQ |
| 30. Roofing felt - 15 lb. | 61.62 SQ |

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| 31. R&R Drip edge | 605.00 LF |
| 32. R&R Valley metal - (W) profile | 152.00 LF |
| 33. Asphalt starter - universal starter course | 605.00 LF |
| 34. Laminated - comp. shingle rfg. - w/out felt | 62.00 SQ |
| 35. Material Only Laminated - comp. shingle rfg. - w/out felt | 6.33 SQ |
| This supports the waste factor for materials only. | |
| 36. Additional charge for steep roof greater than 12/12 slope | 0.24 SQ |
| 37. Additional charge for steep roof - 7/12 to 9/12 slope | 59.33 SQ |
| 38. Additional charge for steep roof - 10/12 - 12/12 slope | 2.05 SQ |
| 39. R&R Flashing - L flashing - color finish | 1.00 LF |
| 40. Step flashing | 81.00 LF |
| 41. Flashing - pipe jack | 5.00 EA |
| 42. Roof vent - turtle type - Metal | 5.00 EA |
| 43. Continuous ridge vent - shingle-over style | 206.55 LF |
| 44. Ridge cap - composition shingles | 243.00 LF |
| General Conditions: | |
| 45. Roofing - General Laborer - per hour | 15.00 HR |
| 46. Temporary protection - allowance | 1.00 EA |
| 47. Dumpster load - Approx. 30 yards, 5-7 tons of debris | 1.25 EA |
| 48. Telehandler/forklift and operator | 40.00 HR |

Roof Building #3

| Description | Quantity |
|--|-----------|
| 50. Remove Additional charge for steep roof - 7/12 to 9/12 slope | 59.33 SQ |
| 51. Remove Additional charge for steep roof - 10/12 - 12/12 slope | 2.05 SQ |
| 52. Remove Additional charge for steep roof greater than 12/12 slope | 0.24 SQ |
| 53. Roofing felt - 15 lb. | 61.62 SQ |
| 54. R&R Drip edge | 605.00 LF |
| 55. R&R Valley metal - (W) profile | 152.00 LF |
| 56. Asphalt starter - universal starter course | 605.00 LF |
| 57. Laminated - comp. shingle rfg. - w/out felt | 62.00 SQ |
| 58. Material Only Laminated - comp. shingle rfg. - w/out felt | 6.33 SQ |
| This supports the waste factor for materials only. | |
| 59. Additional charge for steep roof greater than 12/12 slope | 0.24 SQ |
| 60. Additional charge for steep roof - 7/12 to 9/12 slope | 59.33 SQ |
| 61. Additional charge for steep roof - 10/12 - 12/12 slope | 2.05 SQ |
| 62. R&R Flashing - L flashing - color finish | 1.00 LF |
| 63. Step flashing | 81.00 LF |
| 64. Flashing - pipe jack | 5.00 EA |
| 65. Roof vent - turtle type - Metal | 5.00 EA |

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| 66. Continuous ridge vent - shingle-over style | 206.55 LF |
| 67. Ridge cap - composition shingles | 243.00 LF |
| General Conditions: | |
| 68. Roofing - General Laborer - per hour | 15.00 HR |
| 69. Temporary protection - allowance | 1.00 EA |
| 70. Dumpster load - Approx. 30 yards, 5-7 tons of debris | 1.25 EA |
| 71. Telehandler/forklift and operator | 40.00 HR |

Roof Building #4

| Description | Quantity |
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| 74. Remove Additional charge for steep roof greater than 12/12 slope | 2.06 SQ |
| 75. Roofing felt - 15 lb. | 36.75 SQ |
| 76. R&R Drip edge | 369.00 LF |
| 77. R&R Valley metal - (W) profile | 98.00 LF |
| 78. Asphalt starter - universal starter course | 369.00 LF |
| 79. Laminated - comp. shingle rfg. - w/out felt | 37.00 SQ |
| 80. Material Only Laminated - comp. shingle rfg. - w/out felt | 4.00 SQ |
| This supports the waste factor for materials only. | |
| 81. Additional charge for steep roof greater than 12/12 slope | 2.06 SQ |
| 82. Additional charge for steep roof - 7/12 to 9/12 slope | 34.69 SQ |
| 83. Additional charge for steep roof - 10/12 - 12/12 slope | 2.05 SQ |
| 84. Step flashing | 43.00 LF |
| 85. Flashing - pipe jack | 2.00 EA |
| 86. Roof vent - turtle type - Metal | 3.00 EA |
| 87. Continuous ridge vent - shingle-over style | 126.65 LF |
| 88. Ridge cap - composition shingles | 149.00 LF |
| General Conditions: | |
| 89. Roofing - General Laborer - per hour | 9.00 HR |
| 90. Temporary protection - allowance | 1.00 EA |
| 91. Dumpster load - Approx. 30 yards, 5-7 tons of debris | 0.75 EA |
| 92. Telehandler/forklift and operator | 40.00 HR |

Roof Building #5

| Description | Quantity |
|--|----------|
| 93. Tear off composition shingles (no haul off) | 49.76 SQ |
| 94. Remove Additional charge for steep roof - 7/12 to 9/12 slope | 48.29 SQ |
| 95. Remove Additional charge for steep roof greater than 12/12 slope | 1.47 SQ |
| 96. Roofing felt - 15 lb. | 49.76 SQ |

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| 97. R&R Drip edge | 500.00 LF |
| 98. R&R Valley metal - (W) profile | 97.00 LF |
| 99. Asphalt starter - universal starter course | 500.00 LF |
| 100. Laminated - comp. shingle rfg. - w/out felt | 50.00 SQ |
| 101. Material Only Laminated - comp. shingle rfg. - w/out felt | 5.00 SQ |
| This supports the waste factor for materials only. | |
| 102. Additional charge for steep roof greater than 12/12 slope | 1.47 SQ |
| 103. Additional charge for steep roof - 7/12 to 9/12 slope | 48.29 SQ |
| 104. Step flashing | 64.00 LF |
| 105. Flashing - pipe jack | 4.00 EA |
| 106. Roof vent - turtle type - Metal | 4.00 EA |
| 107. Continuous ridge vent - shingle-over style | 158.95 LF |
| 108. Ridge cap - composition shingles | 187.00 LF |
| General Conditions: | |
| 109. Roofing - General Laborer - per hour | 12.00 HR |
| 110. Temporary protection - allowance | 1.00 EA |
| 111. Dumpster load - Approx. 30 yards, 5-7 tons of debris | 1.00 EA |
| 112. Telehandler/forklift and operator | 40.00 HR |

Chestnut House Location #0841

| Description | Quantity |
|---|-------------|
| 113. Remove Laminated - comp. shingle rfg (per SHINGLE) | 1,924.00 EA |
| 114. Laminated - comp. shingle rfg (per SHINGLE) | 1,924.00 EA |
| 115. R&R Valley metal - (W) profile | 463.00 LF |
| 116. Ice & water barrier | 1,389.00 SF |
| 117. R&R Roof vent - turtle type - Metal | 31.00 EA |
| 118. R&R Rain cap - 8" | 5.00 EA |
| General Condition Items: | |
| 119. Roofer - per hour | 48.00 HR |
| 120. Temporary Protection – Allowance* | 1.00 EA |
| 121. Dumpster load – Approx. 30 yards, 5-7 tons of debris | 1.00 EA |
| 122. Boom lift – 50'-60' reach (per week) | 1.00 WK |
| 123. Telehandler/forklift and operator | 40.00 HR |
| Labor Minimum Applied | |
| 124. Flat roof/membrane roofing labor minimum | 1.00 EA |