

Quicken Loans Arena 10 year Lease-Obligated Major Capital Repair, Replace & Update Preliminary Estimated Expense Range

Architectural/Structural Systems

| | <u>Preliminary Estimated</u> | |
|--|------------------------------|-------------|
| | <u>Expense Range:</u> | |
| • Roof Replacement | \$5,500,000 | \$6,250,000 |
| • Exterior Precast Concrete Panel Sealing / Painting | \$4,950,000 | \$5,600,000 |
| • Window Replacement | \$1,250,000 | \$1,450,000 |
| • Sidewalks, Steps, and Railing Replacement | \$700,000 | \$775,000 |
| • Elevator and Escalator Refurbishment | \$700,000 | \$850,000 |
| • Multi-level Seating Space Replacements, Updates and Reconfigurations | \$4,900,000 | \$5,900,000 |

Mechanical & Electrical Systems

| | | |
|--|-------------|-------------|
| • Building Automation System Control Replacement & Commissioning | \$500,000 | \$650,000 |
| • Energy-efficient Chilled Water Pump Replacement | \$1,750,000 | \$2,000,000 |
| • Energy-efficient Condenser Water Pump Replacement | \$550,000 | \$725,000 |
| • Energy-efficient Water Cooled Centrifugal Chillers | \$2,700,000 | \$3,500,000 |
| • Energy-efficient Cooling Tower Replacement | \$750,000 | \$900,000 |
| • Air Handler Coil Replacement | \$2,250,000 | \$2,750,000 |
| • Reheat & Variable Air Volume box replacement | \$800,000 | \$925,000 |
| • High Volume Cooling/Heating Fan & Fan Coil Replacement | \$850,000 | \$950,000 |
| • Ventilation Management and Control System Replacement | \$500,000 | \$700,000 |
| • Energy-efficient Bi-Polar Filters for Seating Bowl Air Handler Units | \$800,000 | \$900,000 |
| • Energy-efficient Variable Speed Chiller Plant Replacement | \$500,000 | \$600,000 |
| • Pneumatic Control Systems Update to Digital | \$1,500,000 | \$2,000,000 |
| • Ice Floor and Chiller Plant Replacement | \$3,500,000 | \$4,000,000 |
| • Lighting Control System Replacement | \$925,000 | \$1,150,000 |
| • Arena Bowl Lighting System Replacement | \$2,000,000 | \$2,250,000 |

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Event Systems

| | <u>Preliminary Estimated</u> | <u>Expense Range:</u> |
|---|------------------------------|-----------------------|
| • Arena Bowl Curtain Replacement | \$750,000 | \$950,000 |
| • Video Control Room Update to HD | \$3,500,000 | \$4,500,000 |
| • Arena Bowl Sound System and Amplifier Replacement | \$1,400,000 | \$1,800,000 |
| • HD Scoreboard System | \$8,000,000 | \$9,000,000 |

Safety & Security Systems

| | | |
|--|-------------|-------------|
| • Fire Alarm System Update and Replacement | \$625,000 | \$700,000 |
| • Security Command Center Refurbishment and Camera Updates | \$2,850,000 | \$3,225,000 |

Preliminary Estimated Expense Range:

\$55 million to \$65 million over 10 years.

QUICKEN LOANS ARENA TOTAL TEAM MEMBERS, WITH CUYAHOGA COUNTY BREAKDOWN BY DISTRICT
1/23/2014

| | <u>Total</u> |
|------------------------------------|--------------|
| <u>Cuyahoga County by District</u> | |
| District 1 | 161 |
| District 2 | 190 |
| District 3 | 133 |
| District 4 | 122 |
| District 5 | 84 |
| District 6 | 74 |
| District 7 | 279 |
| District 8 | 224 |
| District 9 | 52 |
| District 10 | 118 |
| District 11 | 141 |
| | <u>1,578</u> |
| Outside Cuyahoga County | 570 |
| Total Team Members | <u>2,149</u> |