

# City of Foster City Recreation Center Rebuild Project (CIP 301-678) Member Agency Energy Grant Program Application

## 1. Overview and Description

The Foster City Recreation Center is nearly 50 years old and requires reconstruction to address structural, seismic, City’s resiliency goals, and community programmatic needs, as well as enhance emergency response readiness. To address these needs, the Foster City Capital Improvement Project (CIP 301-678) aims to replace the existing Recreation Center. The project will use a build-to-budget approach, intending to construct the new facility on the site of the current building.

In November 2022, the City Council awarded the professional design, bidding, and construction support services to Group 4 Architecture, Research + Planning, Inc. (Group 4). Subsequently, in March 2023, the City Council awarded the construction management and support services to Griffin Structures. Construction is scheduled to begin in September 2024. In alignment with the City’s Climate Action Plan, the project is on track to minimally achieve LEED Silver certification but ultimately is positioned to achieve LEED Platinum and/ meet net-zero Carbon standards, which grant funds would help achieve.

The project team’s disciplined approach to sustainable design has the building designed to achieve a LEED Silver certification with the possibility of achieving LEED Gold or Platinum with the addition of photovoltaics. The following list summarizes strategies for each of the LEED categories.

### Schematic Design LEED Checklist

## SUSTAINABLE STRATEGIES- LEED CHECKLIST (8/2023)



 <p><b>Integrative Process</b></p> <ul style="list-style-type: none"> <li>- Owner Project Requirements, Basis of Design</li> </ul>	 <p><b>Materials &amp; Resources</b></p> <ul style="list-style-type: none"> <li>- Prereq: Storage, Collection of Recyclables</li> <li>- Prereq: Construction, Demolition Waste Management</li> <li>- Building Product Disclosure and Optimization                             <ul style="list-style-type: none"> <li>▪ Environmental Product Declarations</li> <li>▪ Sourcing of Raw Materials</li> <li>▪ Material Ingredients</li> </ul> </li> <li>- Construction Waste Management</li> </ul>
 <p><b>Location &amp; Transportation</b></p> <ul style="list-style-type: none"> <li>- Sensitive Land Protection- locate on previously developed site</li> <li>- Surrounding Density and Diverse Uses</li> <li>- Access to Quality Transit</li> <li>- Bicycle Facilities</li> <li>- Reduce parking footprint</li> <li>- Electric Vehicles</li> </ul>	 <p><b>Indoor Environmental Quality</b></p> <ul style="list-style-type: none"> <li>- Prereq: Min. Indoor Air Quality</li> <li>- Prereq: Environmental Tobacco Smoke control</li> <li>- Enhanced Indoor Air Quality Strategies</li> <li>- Low-emitting materials</li> <li>- Construction indoor air quality management plan</li> <li>- Indoor air quality assessment</li> <li>- Interior lighting</li> <li>- Daylight</li> <li>- Quality views</li> <li>- Acoustic performance</li> </ul>
 <p><b>Sustainable Sites</b></p> <ul style="list-style-type: none"> <li>- Prereq: Construction Activity Pollution Prevention</li> <li>- Open Space</li> <li>- Heat Island</li> <li>- Light Pollution Reduction</li> </ul>	 <p><b>Innovation</b></p> <ul style="list-style-type: none"> <li>LEED Accredited Professional</li> </ul>
 <p><b>Water Efficiency</b></p> <ul style="list-style-type: none"> <li>- Prereq: Outdoor/Indoor water use reduction</li> <li>- Prereq: Building Level Water Metering</li> <li>- Outdoor/Indoor water use reduction</li> <li>- Water metering</li> </ul>	 <p><b>Regional Priority</b> (for Foster City)</p> <ul style="list-style-type: none"> <li>Indoor Water Use</li> <li>Optimize Energy</li> </ul>
 <p><b>ENERGY &amp; Atmosphere</b></p> <ul style="list-style-type: none"> <li>- Prereq: Fundamental Commissioning</li> <li>- Prereq: Min. Energy Performance</li> <li>- Prereq: Building-level energy metering</li> <li>- Prereq: Fundamental refrigerant management</li> <li>- Enhanced Commissioning</li> <li>- Optimize Energy Performance</li> <li>- Advanced Energy Metering</li> <li>- Renewable Energy Production <b>(REQUIRES PV ALTERNATE)</b></li> </ul>	

## 2. Outcomes and Benefits

The primary objective of the Recreation Center Rebuild Project (Project) is to establish a state-of-the-art facility designed to meet the community's current and future recreational needs. The construction and maintenance of the new Recreation Center will strictly adhere to the provisions outlined in the California Health and Safety Code sections 16000 through 16022, as well as the California Building Standards, guaranteeing a structurally sound building upon completion.

The Project was informed by extensive community input at multiple stages of the design process to inform the building program and design. This input included 2 rounds of community engagement with nearly 2,000 responses from online surveys, open houses, intercept kiosks at community events, task force meetings, and public meetings. The community's feedback was integrated into the design of the project to ensure alignment with community needs, values, and preferences.

In addition, the Project offers a unique opportunity to advance the City Council's Innovation and Sustainability and Climate Action Plan goals. The City is on track to minimally achieve LEED Silver certification for the new all-electric Recreation Center building. With the goal of ultimately reaching zero net carbon, the Project has been designed to be photovoltaic ready with battery back-up as a bid alternate and to have the potential to expand electric vehicle charging beyond those installed on day one. The addition of a photovoltaic system, which is currently a bid alternate on the construction bid documents, would allow the project to meet requirements for LEED Gold, potentially Platinum and meet net-zero carbon performance. This goal will be accomplished with the support of the requested grant funding from Peninsula Clean Energy. The architect's construction estimate for the photovoltaic array is approximately \$1.5 million to \$1.7 million.

## 3. Budget

The City Council has approved funding in the amount of \$55,374,250 to the Project (CIP 301-678). The remainder of the funding needed for the current Project budget estimate of \$64,958,000 is planned to be appropriated in the FY 2024-2025 budget to be adopted by the City Council on June 17, 2024. The final Project budget will be determined by the bidding and the award of a construction contract.

Grant funding from Peninsula Clean Energy will be used to offset the cost for the photovoltaic system bid alternate which will provide alternative energy for the building and help the City lead by example to achieve its sustainability goals with a higher LEED certification and potential for a LEED Zero Carbon building.

## 4. Timeline

June – July 2024: Bid and Award to Contractor for Demolition and Construction of new Recreation Center

August 19, 2024: Recreation Center closes

Fall 2024 – Summer 2026: Construction

Summer 2026: Projected Grand Opening of new Recreation Center. With spaces for small, medium, and large-scale classes, meetings and events, the new facility will provide a vibrant hub of activity for our community.