

Sun Gallery Community Makerspace



Hayward People's Budget Proposal - Sector 6



Artistic rendering of our proposed outdoor courtyard, stage, and cafe experience outside of our new makerspace, which is the current art studio building shown in back. Missing in this rendering is the sun shade sails and lights that would hover between the gallery and stage.

Project Title: Sun Gallery Community Makerspace

Briefly describe project:

The [Sun Gallery](#), a well-loved art gallery in Hayward for 50 years, and the [Hayward Techies & Makers](#) club are partnering to build community in this unique opportunity to apply for the Hayward People's Budget.

Imagine a Makerspace provided to the community for creative pursuits, using new technologies such as 3D printers, a laser cutter, CNC router, screen-printing, vinyl cutter, high tech design software for making art / products / inventions, LED electronics, crafted wood projects, a tool shop, and so much more!

Outside of this creative space we'll upgrade our outdoor courtyard, bringing the community a café style experience where residents can enjoy a coffee, watch local musicians and performances performed on a newly built stage, as well as an outdoor workshop area!

How does this build community in your neighborhood:

The Sun Gallery *currently* serves the community by providing an area for all of its current programs which include *Art Camp*, outside small group music events, and the *Annual Day of the Dead Celebration*. Current programs inside the studio include field trip classes, art workshops, and also serves as a meeting area for creatives, including the *Folklorico Dance Group*, the *Seniors Ukulele Group* and the *B St. Writers*.

Our proposed upgrades to the outdoor courtyard, and of the Art Studio into a Makerspace, will further the Sun Gallery's mission of *Building Community Through Creativity*. This will provide a space for new innovations and creative pursuits, workshops and classes for adults & kids, 3D modeling and electronics, and emphasizing DIY (do-it-yourself). It'll bring people to work together and come up with new ideas, which can lead to entrepreneurship. These creative collaborations will enhance what the downtown area has to offer and instill a sense of community between our neighbors, businesses and organizations.

Watch our Video, Proposal Sketches and more at:

<https://sungallery.org/makerspace/>

Implementation Team:

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Implementation timeline and tasks:

Implementation Task	Month of Completion
Asphalt Repavement	August 2022
Paint inside Makerspace	September 2022
Stage Built	October 2022
Cafe Area and Canopy	November 2022
Makerspace Purchases	November 2022
Side Gate Built	December 2022

In the following budget we present 2 options if we were to be awarded the full \$62K budget, or half this budget if we were to share with another proposal. In the smaller budget we would not purchase a CNC machine for the makerspace, nor a canopy for an outdoor workspace, and we would need to reduce purchases of other items.

Budget: (min & max amounts)

Item	Details	\$31K Min	\$62K Max
Inside Makerspace			
Laser Cutter / Engraver	OMTech CO2 Laser Engraving Cutting Machine (\$3,500) + ventilation system + materials.	\$4,000	\$5,000
3D Printers	At least 3 printers.	\$1,500	\$3,000
Computers + Software	For operating machines and laptops for community use, including design software.	\$1,000	\$4,000
Video Projector	For outdoor movies and presentations.	\$500	\$500
50" TV + cart	For indoor classes and presentations. TV (\$500) + cart (\$250)	\$500	\$750
Mechanical Tools	Screwdrivers, hammers, wrenches, sockets, clamps, pliers, rulers, calipers, tape measures, box cutters, hack saws, scissors, wood saws, staple guns, vises, hole saws, files, ratchet sets, PVC pipe cutters.	\$500	\$1,500
Power Tools	Drills and drivers, bits, jigsaws, sanders, circular saws, hot glue guns, miter saw, dremel tools.	\$500	\$1,500
Advanced Power Tools	Milling / CNC machine.	---	\$3,000
Electronics Tools	Soldering irons, multimeters, heat guns, power sources, wire cutters and crimpers.	\$500	\$750
Electronics and Robotics	LEDs, electric parts, motors, sensors, servos, Arduinos, Raspberry Pi, other robotics parts.	\$1,000	\$2,000
Textiles Tools	min: Cricut or similar Vinyl cutter. max: Add Sewing machines, fabric scissors, needles, pins, pinking shears, quilting tools, rotary cutters.	\$500	\$1,800

General Workspace and Safety Equipment	Storage boxes, tool cabinets, whiteboards, safety glasses, gloves, dust masks, power strips, extension cords, pencils, markers, first aid kits, workbenches, toolboxes.	\$500	\$1,200
Consumables	Glue, tape, sandpaper, staples, blades, solder, thread, zip ties, batteries, wire, LEDs, paintbrushes, wood, paper, fabric, yarn, paint, vinyl rolls, 3D printer filament.	\$500	\$1,000
Painting & Upgrades	For fixing up the art studio makerspace.	\$1,000	\$1,000
Electrical Upgrade	Required to support equipment.	\$2,000	\$3,000
Miscellaneous	In case we missed anything above.	\$500	\$1,000
Total Inside:		\$15,000	\$31,000
Outside Courtyard			
Asphalt	min: Repave 1/2 to 2/3 of courtyard. max: Repave full courtyard.	\$4,000	\$8,000
Stage	Stage (\$3-6.5K), truss (\$1-2K), lights (\$750), amplifier set (\$750)	\$5,500	\$10,000
Cafe	Tables & chairs (\$1K for 4 sets), coffee & food cart (\$500), string lighting (\$200), sun shade sails (\$300), poles & misc (\$500)	\$2,000	\$2,500
Canopy	Outside workshop area along side of building.	---	\$2,000
Storage Shed	For workshop tools & equipment.	\$600	\$1,200
Portable Restroom	So outside area can be used while gallery is closed.	\$1,300	\$1,300
Side Gate	Replace gate which will include electronic entry.	\$2,100	\$3,000
Miscellaneous	In case we missed anything above.	\$500	\$3,000
Total Outside:		\$16,000	\$31,000
Total:		\$31,000	\$62,000