



# Prototyping Service Packages

Bayview Yards Prototyping Lab offers a set of carefully curated packaged services designed to provide targeted support that meets your specific business needs. The lab is outfitted with the expertise, capabilities, and equipment to adhere to any project's detailed specifications and requirements.

Our team worked with companies at different stages across various in many industries and stages. They tailor services to support each client. As experts, they are collaborative and eager to work with you to meet your unique goals.

For additional information or to book a consultation please visit [bayviewyards.org/prototyping-lab/](http://bayviewyards.org/prototyping-lab/)

Complimentary Initial Consultation (30 mins)	✓
Expected Time Requirements (hours)	10
Idea Validation	✓
Primary Research (feasibility of design and surface product market research)	✓
Secondary Research and Analysis (features, function, materials, and construction)	Additional cost
Basic Initial Concept Sketches	✓ 1-3 sketches
Client Feedback Session (60 minutes)	✓
1:1 Co-Design Session	Additional cost
CAD Model Development	✓ Representative Non-Functional Model
Secondary Client Feedback Session (60 minutes)	✓
Final Revisions	✓
Rendering of CAD Model to Digital Product Shots	✓ Basic



## PROOF OF CONCEPT PACKAGE VISUALIZE

IDEATION STAGE COMPANIES OR PRODUCTS

Explore different solutions, and the best design approaches through ideation, brainstorming, and experimentation with our collaborative, expert team.

This rapid and cost-effective approach will polish your idea, equipping you with the confidence to present it professionally, and take the next best steps.

Explore the potential of your idea using early-stage research, conceptualization and representational 3D modelling services.



## PROTOTYPING DESIGN PACKAGE DESIGN

INITIAL PROTOTYPE DEVELOPED, FUNCTIONALITY REQUIRED

Combining industrial, electrical, and mechanical design, our team will fine-tune the details of your product design by creating a 3D model. This model determines your product's various parts (represented at coherent sizing) and details mechanical adjustments and manufacturing considerations for prototyping.

Our robotics and electronics designer will enable the development of IoT smart devices and electronics prototype.

Our advanced secondary research will identify components, materials, and means of fabrication. We'll help bring your idea into the tangible world and prepare you to launch into the next stage of your prototyping journey.



## FABRICATION PACKAGE BUILD

DESIGN FILES COMPLETE, REQUIRE ONE-OFF BUILDS OR SMALL BATCHES

Benefit from the superior equipment and subject matter expertise of our experienced team. Trust us to build your prototype while leveraging the latest advanced manufacturing tools, technologies, and processes.

Trust us to build your prototype, custom made-to-order parts and small batch fabrications while leveraging the latest advanced manufacturing tools, technologies, and processes.

### ✓ 3D Printing

The speed and repeatability of 3D printing allows users to rapidly and reliably iterate from prototype to final part.

With a mix of 3D printer technology, we can offer an array of materials, sizes, fidelity, quality, consistency, and detail which are chosen based on the requirement of the job at hand.

Our Metal X printer enables the fabrication of complex geometries with the highest precision and accuracy in a range of materials from stainless steel to copper.

### ✓ IOT Hardware

Create intelligent and connected prototypes and devices, including: schematic design & PCB layout (2 layers) and milling of test circuit boards, microcontrollers, biometrics and sensors, and connectivity.

### ✓ Advanced Manufacturing

Build machine parts and components in a variety of materials and finishes. CNC tools enable repeatability, replication, and consistency which are all critical benefits when making design iterations and small production runs. Our carefully curated list of machines ensure we can quickly fabricate your prototype.

### ✓ Traditional Manufacturing

Offering a range of traditional tools, we use quality equipment to build, etch, engrave, cut, weld, etc., with a wide range of materials. We use quality equipment of large and small scale.



## PROMOTION PACKAGES LAUNCH

PROTOTYPE IS READY TO LAUNCH (IN PRODUCTION)

Our creative team will collaborate with you to tell your brand story using our suite of commercial grade tools and technologies.

Showcase professional-grade photos of your product or prototype for websites, social media or print content. Create live-action promotional videos to enhance credibility with potential clients or investors. Develop product showcases and teaser videos that effectively convey your mission and call-to-action (without the use of motion graphics, animation or 3D imaging).

### ✓ Photo services

**Pre-Production**  
setup, lighting, and test shots

**Production**  
1hr product photoshoot

**Post-Production**

- Photo selection (50 photos)
- Photo re-touching colour correction and tuning)
- Digital manipulation / graphic design

### ✓ Video services

**Pre-Production**

- Concept Consultation
- Ideation Meeting
- Scripting Session

**Production**  
Video Shoot

**Post-Production**  
Editing & Audio



**High-energy video**  
(1 minute)

**Teaser clip**  
(20 seconds for social or web)

