LA NPDT

PRODUCT DEVELOPMENT PROCESS

Stage 1 is a fixed $800. Every later stage gets its own fixed quote from our team before it starts. Typical ranges are on page 2.



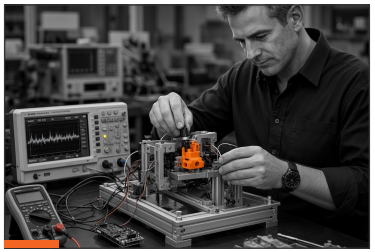
1 | Review/Analysis + Plan

Technical feasibility analysis, key risks, and a staged plan with the recommended next step.



2 | Concept Design

Concepts, initial product visuals, CAD, rough parts list (BOM) and a cost-to-make estimate.



3 | Benchtop Proof of Concept

Proves the 1 to 2 riskiest functions on a test rig. Not yet a working version of the product.



4 | Provisional Patent Application

Drawings and technical input for your patent attorney's provisional filing.



5 | Technical Design & Engineering

Detailed mechanical, electrical and firmware design, ready for prototype build.



6 | Alpha Prototyping & Testing

First working version of the product, built and tested against your requirements.



7 | Beta Prototype

Refined units built from alpha findings, close to production look, feel and function.



8 | Intellectual Property Protection

Technical support for utility patents and other protection with your attorney.



9 | Manufacturing Planning & DFM

Production plan, cost and tooling tweaks, supplier quotes, then manufacturing handoff.



10 | Marketing Materials

Renderings, photos and sales sheets for investors, buyers and campaigns.

OPTIONAL ADD-ONS

Add to any stage. Priced separately.

- **+ Prior Art Search**
  Closest existing patents and products.
- **+ Market Research**
  Market size, competitors, price points.
- **+ Potential Consumer Survey**
  Target buyers rate your concept.

▶ **11a** | Licensing



a1 | Licensee Scouting



a2 | Terms Negotiation

▶ **11b** | Venturing



b1 | Funding Search



b2 | Manufacturing



Product Launch

Start stage 1 ($800)

LA NPDT

STAGE PRICES BY COMPLEXITY

Typical labor per stage. Stage 1 is a fixed $800; every other stage gets its own fixed quote from our team before it starts.

Stage Number matches the process map	PRODUCT COMPLEXITY A Basic One part; no moving parts, no electronics	B Simple One mechanism or simple electronics	C Moderate Several mechanisms, medium electronics + firmware	D Complex Multi-subsystem, firmware, hydraulics, app or custom tech
1 Review/Analysis + Plan	$800	$800	$800	$800
2 Concept Design	$2,000 to $6,000	$5,000 to $10,000	$9,500 to $15,000	$15,000 to $25,000
3 Benchtop Proof of Concept	$1,000 to $5,000	$2,500 to $10,000	$5,000 to $15,000	$20,000 to $35,000
5 Technical Design & Engineering	$2,000 to $6,000	$5,000 to $10,000	$12,000 to $25,000	$15,000 to $35,000
6 Alpha Prototyping & Testing	$2,000 to $6,000	$6,000 to $12,000	$8,000 to $22,000	$15,000 to $30,000
7 Beta Prototype	$1,000 to $6,000	$4,000 to $12,000	$6,000 to $22,000	$10,000 to $30,000
9 Manufacturing Planning & DFM	$2,500 to $7,000	$5,000 to $12,000	$8,000 to $12,000	$11,000 to $20,000
Whole program (sum of the stages above, labor)	**$11,300 to $36,800**	**$28,300 to $66,800**	**$49,300 to $111,800**	**$86,800 to $175,800**
Typical timeline (end to end, stages run back to back)	**3 to 6 months**	**5 to 9 months**	**7 to 12 months**	**9 to 15+ months**

How it works

- Intro call: our team walks you through this map, names your product class and recommends where to start.
- Starting at stage 2 or later? Our team sends a fixed quote within 48 hours of your call.
- Stage 1 is optional. Simple products with clear CAD, sketches or a spec can start at stage 2.
- Benchtop Proof proves the 1 to 2 riskiest functions on a test rig; a working version comes at stage 6.
- Each later stage gets its own fixed quote before it starts, based on results so far.
- Terms: stage 1 is paid up front. Later stages: 50% to start, 50% on delivery.

Optional add-ons

Prior Art Search — **from $600**
Closest patents and products. Not a legal opinion.

Market Research — **from $900**
Market size, competitors, price points, target buyer.

Potential Consumer Survey — **from $1,500**
Concept survey of target buyers. Panel fees at cost.

Whole program = the sum of stages 1, 2, 3, 5, 6, 7 and 9. Labor only; equipment and machine time included.
Ranges are typical, not a quote. Your exact price may come in below or above the range, depending on your product. Our team will tell you up front if it does.
Timelines exclude tooling, certification, pilot runs and your review time between stages; custom circuit boards can add 3 to 7 weeks.
Not included: materials and parts (billed at cost), production tooling, certification and lab fees, patent and attorney fees (stages 4 and 8), marketing materials (stage 10), licensing or venturing (stage 11), and app or cloud software.

About LA NPDT

LA New Product Development Team is a product development company in Ruston, Louisiana, founded in 2015. Industrial design, mechanical and electrical engineering, firmware and prototyping work as one team under one roof, so files never get handed between vendors. Clients across the US and overseas: consumer products, medical devices, sporting goods, industrial equipment and defense-adjacent R&D.

2015
Founded in Ruston, LA

1,000+
Product development projects

120+
Published case studies

5.0 ★
Google rating, 45 reviews

A+
BBB rating

Start stage 1 ($800)

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