
PROJECT DESCRIPTION: Fishing Jig

PROJECT SCOPE: Create CAD files and drawings per client input and sketches.

DESIGN CONCEPT:

This product design is based on a design concept from the client. The effort consists of redesigning all parts for the injection molding process, and optimizing the function and assembly of the device. At present the current design has numerous aspects that are not injection moldable, and will require revisiting the intended function of the device to design these aspects out of the product.

Parts in the assembly include (at present):

- Line loop
- Left leg
- Right leg
- Hook
- Left spool arm
- Right spool arm
- Knob

SAMPLE

ENGINEERING SERVICES by phase:

Feasibility

- Evaluate product concept(s)
- Evaluate general assembly, material, and manufacturability

Concept Development & Implementation

- Develop concept CAD files based on client input, drawings, and concept sketches
- Assembly integration for all parts (fit/function with each other)
- Finalize CAD files based on concept review

Prototype

- Create drawings and necessary translations for prototypes
- Assist in sourcing prototype parts
- Evaluate prototype part fit/function and product look and appeal

Production

- Finalize CAD files, drawings and translations for tooling and part quotes

Sourcing Services

- Provide CAD database to supplier for part, assembly, and packaging quotes.
- Interface with suppliers to coordinate parts and their fit/function during the tooling process
- Evaluate production parts for fit, function and cosmetics

PROTOTYPE COST:

Pricing does not include prototype materials, or testing. However, prototype cost can be estimated from concept CAD files early in the project.

PROPOSAL COST:

This estimate includes work outlined within this proposal billed at an hourly rate. It will not exceed the estimate below, based on the current project scope. Payment is due for each phase upon completion. After final payment, the CAD database is the property of the client.

Task	Hours	Cost	Status	Invoice
Feasibility	2			
Concept Development/Implementation	16			
Prototype	5			
Mechanical Prototype Parts	TBD			
Production	5			
Sourcing Services	5			
TOTAL	33			

This agreement constitutes the entire agreement between Contract Engineering Services, and the client. Please sign and mail with your payment to begin.

CLIENT:

Your Name Here
 Company Name Here
 Street
 City, State, Zip
 Phone Number
email-address@here.com

 Signature

Date _____

This proposal is not a guarantee that all work outlined within this estimate can be completed within the estimated time. With any design and development project, there is inherent risk that a design concept may not work, or be favorable for its intended use. This is also not a guarantee that the proposed work will be completed by a certain date, unless specified in writing. Should the project be cancelled by the client payment for that phase will be determined based on the number of hours accrued. CES assumes no risk for the use of data provided to the client. This proposal is valid for 30 days