

Project Goals:

Part I:

Glia will coordinate the development of an open source injection mold for tourniquets. This will include the open source design and build of the mold and testing.

Part II:

Glia will use the injection mold and existing manufacturing practices to build tourniquets for medical aid in Ukraine.

Progress:

September 2022:

- Received completed mold design and sent to mold shop to begin build
- Sewing shop selected
- Design review meetings with mold designer
- Mold shop figuring out logistics for building mold
- Geometric dimension and tolerance review with mold builder engineer
- Pricing of materials
- Setting up mold spotting arrangements with Canadian shop
- Internal injection mold meetings - ongoing
- Progress report completed
- Glia produced quarterly fiscal report (start of October)

August 2022:

- Selected mold designer and completed mold design
- Made device design modifications for simpler mold design
- Coordinated with designer to influence design choices for a more widely accessible product, such as; generic components, simplifying build, etc.
- Selected molding shop and location for mold build
- Met with mold shop to secure timelines and expectations
- Sent parts to selected industrial sewing shops for sample creation
- Received samples from industrial sewers and QC performed
- Sewing instructions for shops finalized and posted to Github
- Coordinating with production facility on part quotes, press sizes and material specs
- Progress report completed

July 2022:

- Obtained mold quotes and researched a selection of mold designers (to be done in non-open software)
- Completed potential designer presentation, collected feedback
- Glia received second instalment via wire transfer from Public Invention: USD\$21,970 on July 13, 2022
- Progress report completed

June 2022:

- Developed detailed project plan and arranged contracts between all parties
- Coordinated all organization, network and designated workloads/tasks
- Glia received first instalment via wire transfer from Public Invention: USD\$14,235 on June 15, 2022
- Glia produced quarterly fiscal report

Financial Report:

Injection Molded Tourniquet Project: Budgets

Summary

Exchange Rate 1.27

Total Investment Public Invention (USD) 36,205.00

Total Investment Glia (CAD) 16,449.65

Total Project Budget (CAD) 62,430.00

| | <i>Budget</i> | <i>Actual</i> | <i>Variance</i> <i>Overatures</i> <i>will be</i> <i>negative.</i> |
|---|---------------|---------------|--|
| Part I: Injection Mold Design, Machine Mold, and Test Mold | | | |
| Total Budget (CAD) | 45520.00 | 11949.48 | 33570.52 |
| Solidworks Design of Mold | 6000.00 | 5085.00 | 915.00 |
| Redesign of Mold in FeeCAD | 5000.00 | 0.00 | 5000.00 |
| Mold Build | 17500.00 | 0.00 | 17500.00 |
| Fine-tuning & Fitting Mold | 1500.00 | 0.00 | 1500.00 |
| Shipping | 2000.00 | 0.00 | 2000.00 |
| Storage | 1000.00 | 0.00 | 1000.00 |
| Glia Labour | 6900.00 | 4655.92 | 2244.08 |
| Engineering Consultation | 250.00 | 0.00 | 250.00 |
| Glia Overhead | 2840.00 | 2208.56 | 631.44 |
| Miscellaneous | 500.00 | 0.00 | 500.00 |
| Contingency | 2030.00 | 0.00 | 2030.00 |
| Part II: Production of Injection Molded Parts | | | |
| Total Budget (CAD) | 16910.00 | 0.00 | 16910.00 |

Injection Molded Tourniquet Project 2022:
Quarterly Fiscal Report - September 30, 2022



| | | | |
|---------------|----------|----------|----------|
| Molding Part | 1000.00 | 0.00 | 1000.00 |
| Shipping | 500.00 | 0.00 | 500.00 |
| Sewing | 11000.00 | 0.00 | 11000.00 |
| Glia Labour | 2155.00 | 0.00 | 2155.00 |
| Overhead | 1025.00 | 0.00 | 1025.00 |
| Miscellaneous | 500.00 | 0.00 | 500.00 |
| Contingency | 730.00 | 0.00 | 730.00 |
| Totals (CAD) | 62430.00 | 11949.48 | 50480.52 |