**William F. Duffy, Sculptor**

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**Budget for Proposed Mathematical Sculpture for the Simons Foundation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **Description** | **Hours** | **Cost** |
| **3D Printing SLA-resin Estimate Provided by Solid Concepts\*** | Model design development for rapid prototyping in 8 sections and rapid prototyping in SLA resin printing dimensions: 36” X 36” X 36” |  | $18,500 |
|  |  |  |  |
| **Rubber Molds** | Develop rubber molds from the rapid-prototyped object patterns |  | $10,500 |
|  |  |  |  |
| **Studio Labor**\*\* | Skilled assistants | 167 | $2,500 |
|  |  |  |  |
| **Bronze Fabrication\*§** | Bronze casting: wax castings, refractory negatives, bronze welding, finishing & sandblasting, and patination |  | $47,000 |
|  |  |  |  |
| **Shipping****Installation** | Truck rental and shipping sculpture |  | $1,500 |
| Sculpture anchoring and installation, stainless steel pins, labor |  | $2,000 |
|  |  |  |  |
| **Overhead &** **Sculptor’s Fee**  | Contractor’s liability insurance, rent, studio utility expenses, etc. |  | $14,000 |
|  |  |  |  |
|  |  |  | **TOTAL****$96,000** |

\*At your request I can provide document of estimates from vendors.

**\*\*** Skilled assistant at $15.00 per hour

**§** Fabrication in stainless steel will be additional $6,000.00, for a total of $53,000 for fabrication cost