

Klamath County Economic Development Grant Final Report

Please provide the following information and submit with your final drawdown request. 20% of the grant is withheld until we receive the final report.

Viowiess Ceramics Manufacturing Expansion / \$15,000

Title of Project / Funds Awarded

Viowiess Co

Name of Organization

William Wiessmeyer

Contact Person

1114 E. Main St

Address

Klamath Falls, OR 97601

City, State, Zip

860 508 1466

Phone Number

williamw@viowiess.com

Email Address

Date of Project 09/01/2021

Submit Report to:
Klamath County Finance
305 Main Street
Klamath Falls, OR 97601
541-883-4202

1. For written material and other media where the organization provided acknowledgement of the grant, provide a detailed list of all materials and an electronic version of the material. (Including audio or video recordings.)

https://www.heraldandnews.com/news/local_news/can-3d-printers-help-build-an-ice-cream-shop-a-house-local-startup-aims-to/article_a679b15c-1e21-5832-8e90-32f92f74b629.html
<https://www.viowiess.com/press-releases/2020/12/1/viowiess-co-begins-3d-printed-microhome-development>

2. Detail the matching funds expended and provide proof of their expenditure.

Please see the final budget, final budget narrative, and attached receipts

3. Update the budget forms from your original application with actual revenues and expenses.

Please see the attached budget and budget narrative

4. How many jobs were created or retained by the project?

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5. How would you characterize and measure the economic impact of the grant?

The grant had a positive impact on promoting R&D and long-term economic growth for the target company and local community.

The grant resulted in an internship opportunity for an OIT graduate with an option of employment as well as a secondary spin-off business designed to create employment for food workers.

6. What are your suggestions to improve the grant process?

Encourage a site visit during grant evaluation process or a face to face prior to award to assess grant applicants in final pool.

By signing this you are agreeing that you have paid all bills accrued through this process; as well as agreeing that the Logo Usage Agreement is now terminated.

William Wiessmeyer
Signature

09/01/2021

Date

William Wiessmeyer Officer

Printed Name and Title

Viowiess Co KCF 2020 Grant Final Report Budget Narrative

The original budget allowed for total cash expenditures of \$70,900 and total expenses of \$86,900 on a grant award of \$30,000.

The actual grant award was \$15,000 with final project cash expenditures at \$28,655 and a total project expense of \$40,655. End of program matching was roughly 48% with \$8,155 in cash invested by the business owner and an additional \$5,500 matched using Viowiess Co operating revenue.

The original budget and project plan allowed for the purchase of a large format ceramics printer, small format ceramics printer, large format plastic printer for mold creation, and a kiln for firing printed ceramics.

After the grant was awarded at 50% we decided to abandon the purchase of the large and small format ceramics printers because of their high individual unit, setup, and maintenance costs.

Instead of directly attempting to 3D print ceramics, we pivoted our plan to focus on acquiring a kiln and large format plastics 3D printer that could print large ceramic molds and forms. We had originally intended to commercialize at least one ceramic 3D-print, however, without ceramic 3D printers and a long delay in getting electrical contractors on site to update the building we abandoned this commercialization strategy and focused on R&D for 3D-printed ceramic molds.

Instead of purchasing a new kiln budgeted at \$5000, we acquired a Merrill based ceramics company which included a kiln, pouring equipment, and several hundred molds for \$4000. Some of the molds have commercial potential and we plan to sell a line of slip-cast garden gnomes in 2022 due to the increased demand for gardening decor since the 2019 pandemic.

We acquired a 20ft A-grade shipping container in Q2 of 2021 for use with the large format plastics 3D printer at a cost of \$4,950. The intent is to 3D print plastic moulds that can be concreted and foam-injected to form a new type of insulative paneling. This is Viowiess Co's first major step into the 3D-printed shipping container modification and a step towards creating a 3D-printed housing industry in Klamath County.

The large format plastics 3D printer cost more than originally budgeted (\$12,800 vs \$10,500) due to increased shipping costs of \$1,500 and import tariffs of roughly \$800. The machine took nearly 6 months to assemble due manufacturer issues including some missing/damaged parts and pandemic related shipping delays. The machine was not operational until June of 2021.

Klamath County Economic Development Grant Application Project Budget

	Comit	Pending	Total	Actual	Comments/Explanations
INCOME					
County Grant Request		\$30,000		\$15,000.00	
Cash Revenues -					
Source: EIDL		\$21,900			
Source: 30% Match		\$9,000		\$8,155.00	personal savings
Source: Viowiess Co Revenue		\$10,000	0	\$5,500.00	
Total Cash Revenues	-	\$70,900	\$0	\$28,655	
In-Kind Revenues:					
Source: Intern Labor		\$16,000		\$12,000.00	1 OIT intern at 6 months
Source:					
Source:					
Total In-Kind Revenues	-	\$16,000	-	\$12,000	
Total Revenue	-	\$86,900	\$0	\$40,655	
EXPENSES					
Cash Expenses -					
Personnel costs		\$9,600	0	\$0.00	intern stipends
Travel costs		\$0	0		
Materials and supplies		\$6,750		\$430.72	16kg petG purchase
Professional Services		\$6,000	0	\$5,394.10	winema 3 phase 220v electrical
				\$1,080.00	room electrical finish work
Other: LF Ceramic 3D Printer	-	\$27,500		-	not purchased
Other: SM Ceramic 3D Printer		\$5,550			not purchased
Other: LF FDM 3D Printer		\$10,500	0	\$12,800.00	Modix BigM purchase
Other: 220V LF Kiln		\$5,000	0	\$4,000.00	Kiln purchase
Other: 20ft A Grade Container		\$0		\$4,950	20ft shipping container purchase
Total Cash Expenses	-	\$70,900	\$0	\$28,655	
In-Kind Expenses			0		
Incubator Labor		\$16,000	0	\$12,000.00	1 OIT intern at 6 months
Other:			0		
Other:			0		
Other:			0		
Other:			0		
Other:			0		
Total In-Kind Expenses	-	\$16,000	0	\$12,000	
Total Expenses	-	\$86,900	-	\$40,655	
Net Income<Expense>	-	\$0	\$0	\$0	

NOTES

- Be as specific as possible; provide explanation to help clarify budget items
- Use the "Actual" column when preparing your final report; submit this form with the final report
- Use additional space or lines if necessary to provide complete information
- Value all volunteer labor at