

**Design, Fabrication, and Installation of
Sculptures for Avon/Dequindre Roundabouts
RFP-RH-21-062**

	Ivan Iler Studios 918 E. State St. St. Johns, MI 48879 https://www.ivanilerstudios.com/	Joshua Andres Sculpture 1600 N. M140 Watervliet, MI 49098 https://www.joshuaandressculpture.com/
Firm Established:	2009	2005
Years in Business:	12	16
Type of Organization:	Individual	Individual
How many years has firm been providing services? Provide Historical Narrative.	Opened its doors in 2009 as a metal fabrication shop and a custom motorcycle shop. In 2015, he was commissioned for his first two public sculptures. Since, he has gone on to create three other public sculptures for other Cities. Has six plus years experience working with City Officials to create large scale public sculptures.	Has been creating public art since 2005. Over the years his pieces have become larger in scale. Started with some "homeowner" pieces and moved to larger scale pieces in parks, hallways, lobbies, roundabouts, golf courses, hospitals, banks, cemeteries, child-care centers, and restaurants.
Provide three to five examples of similar projects.	List provided. Creator of World's largest brown trout sculpture located in Baldwin, MI. Was made with steel and aluminum with a variety of metal fabrication techniques. Has created a life-size black bear sculpture mounted in a steel tree. Installed using a pulley system designed by himself due to the challenging placement location. Created a sculpture that depicts seagulls in flight, made with stainless steel and installing them to a concrete base. In addition to the public structures he has created kinetic animal sculptures for events like the Scrapfest including a life-sized African Elephant and a 6 foot swimming blue whale.	List provided. <u>Harbor Shores Golf Course</u> -25 Sculptures were designed and fabricated tee maker sculptures at each hole plus large scale pience in entrance way, several additional sculptures on the grounds and a clock with custom logo. <u>Whirlpool Corporation</u> -Stainless Steel and glass sculpture. It is 16 feet tall. Designed with a lily pad benches to enjoy the artwork from beneath. <u>Mary Free Bed Hospital</u> -Fabricated from stainless steel and hand-blown glass. Currently located in Grand Rapids and Saginaw. Suspended from the lobby ceilings from cables.
List proposed Project Team including subcontractor and their roles and responsibility.	Most of the process is done by Ivan and his assistant Andy Flansburg. Sponsored by various industry leaders and possess most of the equipment needed for this scale of work. Andy's specialty is in the computer side of things. For example, programming their plasma cutter. Ivan does all his own cutting, fabricating and welding. For the bronze portions of these sculptures he will be making them in clay and Roger Smith from Leslie, Michigan will be casting them at his foundry. Any powder coating will be done by Powder Coat of Central Michigan. Ivan will be doing the handling and installation himself, and have a person that does his crane work.	For the most part a one man operation. Joshua designs, creates, fabricates and installs his own work. If sculptures include glass he will use water street glassworks to bring that part of the vision together. Materials come from various suppliers but primarily uses Alro Metals. For any large scale cutting works with Tigmaster using lasers and plasma cutters. Does have an apprentice that occasionally help with installations and various shop tasks. Depending on location, he will work with local rental companies
Describe Fabrication Methods.	Fabrication methods depend on what is being created at the time. Everything is done from hand forming, metal chasing, to cutting out forms on a machine.	Utilizes shears, brakes, and rollers to form sheet metal into shapes. Plasma cutters and lasers to cut metal to specific shapes. MIG and TIG welding to join all parts together and grinders to blen seamlessly.Utilizing finishes, patinas, colors and textures to distinguish specific components.

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Describe in detail proposed installation plan.	Time line provided. First sculpture installed by August 21, 2022, second sculpture by August 21, 2023.	Sculptures will be fabricated off site and delivered to their intended locations. Ducks, swimming fish, and crane will be installed by hand due to their size and placement. Estimating one to two days for install of these on site once site is complete and prepped. Landscaping will be added around sculpture. Apple will require a hoist or crane to set each section in place atop the existing footings.
Identify how your company has dealt and overcome issues with COVID.	Ivan and his assistant are both vaccinated and continue to practice wearing face masks. Deals with as many local vendors as possible and that has helped avoid material shortages. Has provided an additional timeline if he should become sick. Ivan has planned on ordering materials early just in case of any delay due to labor or material shortages in the supply chain. Because Ivan is the designer, fabricator, and installer of his work he does not need to rely heavily on others to make sure his work is completed as proposed.	Sees no real issues arising with this project as long as a plan is put together and stuck to. Changes to the timeline and project scope are generally what cause issues to arise. Joshua orders enough materials at the beginning of the project to allow for certain variables and maintains a good relationship with his suppliers should an issue arise where he needs something extra. Quotes through multiple suppliers to can keep costs at the end of the project the same as those at the beginning.
Estimated Project Completion Time - Avon Rd and Dequindre Rd. Roundabout Structures	August 21, 2022	210 days
Estimated Project Completion Time - Avon Rd., Dequindre Rd., and 23 Mile Rd. Roundabout	August 21, 2023	98 days
Cost Proposal - Avon Rd and Dequindre Rd. and Avon Rd, Dequindre Rd, and 23 Mile Road Roundabout Structures	\$ 300,000.00	\$ 190,000.00

*Note: Sculptures/Designs/Materials proposed by each vendor varied and the cost proposals reflect this.