



www.trijetprecision.com
 Ph 866-607-1653 Fax 907-268-2086
 1960 South Eklutna Street Palmer, Alaska

Estimate

Date	Estimate #
4/9/2024	1226
Expires 30 days from date of issue.	

Name / Address		Payment for all orders are DUE ON DELIVERY unless separate terms have been setup prior to job initiation. Please contact our accounting department for a credit application if additional payment terms are required.		
The Rotary Club of Soldtona Steven Tran Ph (707) 480-2198				
Job Name	Terms	Rep	P.O. No.	Due Date
04/09/2024 Aluminum Salmon Sculpture	Due on receipt			4/9/2024
Description		Qty	Cost	Total
3/16" 5052 Aluminum Salmon Sculpture Material \$1600 Drafting/Design, waterjet cutting & fabrication \$1200 Crate for shipping \$1375 Shipping \$900		1	5,075.00	5,075.00
1/4" 5052 Aluminum Salmon Sculpture Material \$2000 Drafting/Design, waterjet cutting & fabrication \$1200 Crate for shipping \$1375 Shipping \$900			5,475.00	5,475.00
Palmer City Tax (3% Sales Tax on first \$1,000 up to \$30.00 charge)			30.00	30.00
** Tax will be applied according to selection. *Included drafting, design, material, waterjet cutting, fabrication and shipping. No coatings included.				
Prices quoted are for quantities shown. Our standard terms and conditions apply. Estimates are subject to availability and mill increases. Please send confirmation email to accept this estimate.		Subtotal		\$10,580.00
		Sales Tax (3.0%)		\$0.00
		Total		\$10,580.00



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Estimate

Date	Estimate #
4/19/2024	1231
Expires 30 days from date of issue.	

Name / Address
The Rotary Club of Soldtona Steven Tran
Ph (707) 480-2198

Payment for all orders are DUE ON DELIVERY unless separate terms have been setup prior to job initiation. Please contact our accounting department for a credit application if additional payment terms are required.

Job Name	Terms	Rep	P.O. No.	Due Date
04/09/2024 Aluminum Salmon Sculpture	Due on receipt			4/9/2024

Description	Qty	Cost	Total
3/16" 5052 Aluminum Salmon Sculpture 4ft Material \$300 Drafting/Design, waterjet cutting & fabrication \$700 Crate for shipping \$450 Shipping \$200 Palmer City Tax (3% Sales Tax on first \$1,000 up to \$30.00 charge)	1	1,650.00	1,650.00
** Tax will be applied according to selection.			
*Included drafting, design, material, waterjet cutting, fabrication and shipping. No coatings included.			
		30.00	30.00

Prices quoted are for quantities shown. Our standard terms and conditions apply. Estimates are subject to availability and mill increases. Please send confirmation email to accept this estimate.	Subtotal	\$1,680.00
	Sales Tax (3.0%)	\$0.00
	Total	\$1,680.00

From: Nicolas Grochowski <design@trijetprecision.com>
Sent: Tuesday, April 23, 2024 10:48 AM
To: kashi@alaska.net
Subject: Re: Request for Quote

Joe,

In my opinion, powder coat would be a more durable option (depending on the powder selected, a handful of colors, such as "neon," are not UV stable). Feel free to review the selection available on the [Prismatic website](#). Check out this page, which details which coatings are [UV-resistant](#). I would recommend going with something semi-gloss to high gloss. The flat/matte/satin finishes tend to hold dirt and other marks.

I have not worked with a powder coat shop in Eagle River, but Advanced Powder in Wasilla could handle a part of that size. Presumably, you would only have the full-scale coated?

If a single-stage coating were used, there would be an additional charge of \$1,750. If a 2-stage or clear coat were required, it would increase to \$2,100.

-Nick

On Tue, Apr 23, 2024 at 9:16 AM <kashi@alaska.net> wrote:

Thanks, Nick

We were thinking about powder-coating as a more durable alternative. The other option was aircraft paint, which has good longevity as well,

What are your thoughts and suggestions about that? I heard that there is a powder-coating operation in Eagle River with a big-enough oven. Have you had any dealings with them and any idea of their contact info and cost?

We are meeting this evening at Kenai River Brewing at 445 PM for beer and burgers and will finalize everything.

I expect to Email you afterwards with the go-ahead on everything. Can you provide me with the detailed quote for each by Email today so that I have something in the files to approve and move along.

We really appreciate your help and patience sorting this out. What sort of rough time-frame would be expected to complete the prototype?

Thanks

Joe Kashi

From: Nicolas Grochowski

Sent: Tuesday, April 23, 2024 8:55 AM

To: kashi@alaska.net

Cc: Michael Dye <Michael.Dye@nrim.com>; Bob Lambe <bob_lambe@hotmail.com>; steven tran <steven.anthony.tran@gmail.com>; brian.soldotnarotary@gmail.com; Cambid-J Choy <cchoy2@alaska.edu>

Subject: Re: Request for Quote

The tail section is relatively short, and there will be complete joint penetration, so I would not be worried about long-term durability.

As shown in two of the images, a weld allows the joint to be sanded down and blended with the surrounding material. Steven had mentioned that you guys would be painting the sign so the localized "fluffed" weld area would not be visible post-coating.

On Mon, Apr 22, 2024 at 6:37 PM <kashi@alaska.net> wrote:

Steve uses SolidWorks, making adjustments here should not be a problem. Any concerns about splice long-term reliability in a flexing environment? Ideally, for the sculpture aesthetics, splice should not be too intrusive visually.

Thanks

Joe Kashi

From: Nicolas Grochowski
Sent: Monday, April 22, 2024 10:36 AM
To: kashi@alaska.net
Cc: Michael Dye <Michael.Dye@nrim.com>; Bob Lambe <bob_lambe@hotmail.com>; steven tran <steven.anthony.tran@gmail.com>; brian.soldotnarotary@gmail.com; Cambid-J Choy <cchoy2@alaska.edu>
Subject: Re: Request for Quote

Joe,

You are correct; each quote (16' and 4') includes materials, waterjet cutting fabrication (rolling and attachment of ribs), and preparation for shipment/freight.

Both signs would be 5052; however, only the 4' prototype can be cut from a single sheet. The 16-foot sculpture is too large to cut in one piece. There would be one splice in the caudal peduncle on the 16-foot sign. I am not worried about splicing. I've attached some sample photos of a piece of spliced aluminum sample made by our fabricators (not only one section is fully prepped/cleaned up, so you can see that it is two pieces.)

I appreciate the additional information on the prototype's purpose. We can certainly work together to adjust the sculpture for the full-size version. However, depending on the scope of the modifications and the time required to implement them, additional charges may be incurred.

I presume Steven has access to CAD. It may be more efficient for you to make the changes.

V/R,

-Nick

On Fri, Apr 19, 2024 at 5:34 PM <kashi@alaska.net> wrote:

Hi, Nick

This all sounds great and we really look forward to working with you.

Just so that I am clear and not erring, I understand that this prototype quote and the quote for the full-scale sculpture includes fabricating and welding/attaching the ribs and any other metal as depicted in Steve Tran's computer model, as well as preparing the materials for shipment. The 4 foot prototype and the 16 foot full scale sculpture will be waterjet-cut from single sheets of 5052 Aluminum and not spliced sheet metal.

We are going to try to experiment with adjusting some radius on the prototype body and maybe some adjustment of the ribs/fins to make the sculpture wiggle a bit in the wind and turn in the right direction depending upon summer and winter winds. Is that something we can work on jointly with you. It's one of the reasons for the prototype sculpture.

Please let me know if I am incorrect in any of my understanding. I will be approving the quotes on behalf of Soldotna Rotary Club after our sculpture committee meeting Tuesday evening.

Thanks and best regards

Joe Kashi

From: Nicolas Grochowski
Sent: Friday, April 19, 2024 1:58 PM
To: kashi@alaska.net
Cc: steven tran <steven.anthony.tran@gmail.com>
Subject: Re: Request for Quote

Steve and Joe,

I've attached the quote requested for the 4' sculpture.

V/R,

-Nick

On Fri, Apr 19, 2024 at 10:20 AM <kashi@alaska.net> wrote:

I was just confirming my understanding of the plan – it works for me.

Joe

From: steven tran
Sent: Friday, April 19, 2024 9:37 AM
To: Joe Kashi <kashi@alaska.net>
Cc: Nicolas Grochowski <design@trijetprecision.com>
Subject: Re: Request for Quote

Hi Joe,

Unless Nick has other suggestions on material for the 1/4 scale model, that would be a good plan.

On Fri, Apr 19, 2024, 10:10 AM <kashi@alaska.net> wrote:

Steve – a question Is the plan to use 3/16 for the prototype and ¼ for the 16 foot model?

Joe

From: steven tran
Sent: Friday, April 19, 2024 7:03 AM
To: Nicolas Grochowski <design@trijetprecision.com>
Cc: Joe Kashi <kashi@alaska.net>
Subject: Re: Request for Quote

Hi Nick,

For the model, 3/16" 5052 should work just fine. Unless you have a better suggestion that would be a substantial savings in material cost.

Thank you

On Wed, Apr 17, 2024, 11:54 AM Nicolas Grochowski <design@trijetprecision.com> wrote:

Steve,

What material would you like to use for the 4' Sculpture? 3/16" 5052?

I should have the quote for a 4' over to you by the end of the week.

-Nick

On Wed, Apr 17, 2024 at 6:37 AM steven tran <steven.anthony.tran@gmail.com> wrote:

Hi Nick,

Thank you for getting this quote over.

One more quote I forgot to have added was a 4ft scale model of the sculpture.

I've added Joe to the conversation as he has been essential for coordination of the project.

Thanks,

Steven

On Mon, Apr 15, 2024, 4:03 PM Nicolas Grochowski <design@trijetprecision.com> wrote:

Steven,

Sorry for the delay, I just noticed this email was still in my out box.

I've attached the itemized quote for the 3/16" and 1/4" options.

A few things to note: I was only able to source 5052 Aluminum, I doubt this would be an issue, but wanted you to be aware. Additionally, the freight forwarder would require a product like this to be in a fully enclosed crate. Building this crate is a fairly substantial cost due to its size. If you or someone from your organization wanted to come pick it up with a trailer (no crate included) and secure/cover at your discretion you would be welcome to do so.

Feel free to reach out with any questions.

V/R,

-Nick

On Mon, Apr 8, 2024 at 2:07 PM steven tran <steven.anthony.tran@gmail.com> wrote:

Thank you Nick, very much appreciated.

On Mon, Apr 8, 2024 at 1:02 PM Nicolas Grochowski <design@trijetprecision.com> wrote:

Steven,

I'm currently waiting to hear back from my supplier about raw material. Sheets longer than 10-12 feet are not commonly stocked up here. I hope to be able to quote this by mid this week.

V/R,

-Nick

On Fri, Apr 5, 2024 at 4:16 PM steven tran <steven.anthony.tran@gmail.com> wrote:

Hi nick,

Eventually coated/painted.

On Fri, Apr 5, 2024, 9:04 AM Nicolas Grochowski <design@trijetprecision.com> wrote:

Steven,

Another quick question: Will this sculpture be painted or be kept as raw aluminum?

On Wed, Apr 3, 2024 at 1:06 PM steven tran <steven.anthony.tran@gmail.com> wrote:

Hi Nick thanks for getting back to me.

If you could quote the full sculpture, including material, but provide itemized cost that would be great!

This project is being funded by The Rotary Club of Soldotna and were hoping to have funds allocated ASAP as the deadline is 4/15.

Thanks

On Tue, Apr 2, 2024 at 4:34 PM Nicolas Grochowski <design@trijetprecision.com> wrote:

Steven,

That is correct. The main body of the salmon would need to be cut into two pieces and welded together.

Do you want a quote for just waterjet cutting/material, or do you also need the sculpture welded?

-Nick

On Tue, Apr 2, 2024 at 4:21 PM steven tran <steven.anthony.tran@gmail.com> wrote:

Hi Design,

I have attached a STEP file of a sculpture that I am looking to have quoted.

The material would be 6061, and would like to know a prices for variations of thickness 3/16" and 1/4".

As the scupture sits, it is 16ft long which would require welding as your table is 14ft long, unless I am mistaken.

Please let me know if you have any questions or concerns with the file format and/or design.

--

Steven Tran

(707)480-2198

www.linkedin.com/in/steven-a-tran

steven.anthony.tran@gmail.com

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Nicolas Grochowski

CAD & Quoting

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