

# Harai & Associates, Inc.

Consulting Civil Engineers & Land Surveyors

P.O. Box 625 Petersburg, Alaska 99833  
Telephone & Fax (907) 772-9216

July 18, 2023

Michelle Lopez  
Director, Elderly Housing  
Petersburg Borough  
P.O. Box 1530  
Petersburg, Alaska 99833

Re: Elderly Housing, Main Entrance Repair – Engineering Proposal

Michelle;

I would like to offer my engineering services for the Main Entrance - Repair Design Proposal. This proposal is in response to your request for design work relating to structural issues on the main entrance ramp & cover. All of these structural issues are related to deterioration and rot on the wooden structural members.

A brief site visit with you, we discussed would it be best to repair the existing or demolish the existing and replace with new. I stopped by the site at a later dated and did some preliminary inspection. I now tentatively conclude that it would be best to repair the existing. This would be the more cost effective and would probably provide 25+ years of additional life to the structure. Further inspection would be done under this engineering proposal.

This engineering service proposal is for the design, bidding and contract administration of the main entrance repair from start to finish. I would be working closely with you, your staff and the Petersburg Borough staff in the design and bidding process.

Cost for these services is estimated as follows and not to exceed.

Gather site & project information (old design plans) Professional Engineer: 4 hrs@ \$120/hr =	\$480.00
Site inspection & measurements:: Professional Engineer: 6 hrs@ \$120/hr =	\$720.00
Preliminary design & approval Professional Engineer: 40 hrs@ \$120/hr =	\$4,800.00

Michelle Lopez  
July 18, 2023  
Page 1 of 2

Final design & project manual/specifications: Professional Engineer: 28 hrs @ \$120/hr =	\$3,360.00
Project bidding: Professional Engineer: 8 hrs @ \$120/hr =	\$960.00
Project award, administration & inspection: Professional Engineer: 28 hrs @ \$120/hr =	\$3,360.00
Project closeout: Professional Engineer: 8 hrs @ \$120/hr =	<u>\$960.00</u>
<b>Engineering services total =</b>	<b>\$14,640.00</b>

Additional cost for printing construction contracts, bid advertisement and other associated cost will be billed separately and are not included in this engineering services contract cost.

If this engineering services proposal is acceptable, let me know and I can start on the project about the end of August. Tentative schedule is: completion of the design and bid document would be approximately the end of October. Construction bid advertisement would be in November. Award of contract could be estimated in December. Completion of repair work would be approximately in June of 2024. If you have questions or I can be of further help, please call me. Thank you, for considering my engineering and design services.



Susan E. Harai, PE/LS  
Harai & Associates, Inc.