

Grant Preparation April 2022

The Edwin Fox Ship and Visitor Centre located in Picton is the home of the Edwin Fox built in 1853. The significance of the Fox is that it is the oldest surviving wooden ship that brought immigrants to New Zealand. It is the last surviving ship that took convicts to Australia, and it is the only surviving wooden Crimean War troop carrier and it happens to be the last remaining ship of the Dunbar Shipping Fleet, once one of the largest shipping fleets in the world. The preservation of the ship has been recognised internationally as a recipient of the World Ship Trust Award as well as featuring around the world on the extremely popular BBC Coast television series.

Our application includes five quotes for various aspects of repair and maintenance work which is required in the short to medium term.

1	Sprinkler remedial work - urgent	FFP Quote QU000757	\$2,949.40
2a	Dry Dock repairs - steel	Cuddons Quote 1 Feb 2022	\$28,362.00
2b	Dry Dock repairs - concrete	Crafar Crouch Quote 1 Feb 2022	\$6,819.00
3	Roof and downpipe repairs	Bainbridge Building Quote Q3575	\$41,841.00
4	Sprinkler remedial work	FFP Quote QU000845	\$10,145.00
5	Signwriting repairs	BB Signs Q007524	\$3,950.00
		TOTAL excl GST	\$95,066.40

1 Sprinkler Remedial Work (URGENT) – FFP Quote QU000757 \$2,949.40

The fire sprinkler system provides some basic protection for the wooden structure of the ship. The work quoted for is required for the Building Warrant of Fitness and is regarded as essential work. We received this year's Building Warrant of Fitness on the basis this work will be done as soon as possible. The background to this work is that we changed our inspection and maintenance suppliers from Wormalds and found we were no longer compliant with current standards.

Displays have been updated (including the addition of cabins and bunk beds) so the design of the sprinkler system needs to be brought up to date.

2a Dry Dock Repairs – steel – Cuddons Quote 1 February 2022 \$28,362.00

2b Dry Dock Repairs – concrete – Crafar Crouch Quote 1 February 2022 \$6,819.00

The dry dock gate prevents seawater entering the dock. Necessary work includes steel repairs to the dry dock gate and a poured concrete and epoxy wall behind it in order to properly keep seawater out. The Edwin Fox is no longer in a state to be refloated and any water in the dry dock represents potential irreparable damage. The dry dock maintenance has been an ongoing concern since it was built in 1999. The Marlborough District Council gave us a grant to have the dry dock surveyed. The remedial work planned is based on the survey and awareness of holes in the dry dock walls, plus the dry dock gate seals, have also been an ongoing concern.

The dry dock will be subject to considerable vibration with the planned demolition of the nextdoor Eco World building later this year and the building of the temporary ferry terminal building and precinct. We have been working with Port Marlborough and Heritage New Zealand about managing these risks. These identified risks are compounded by the need for maintenance and repairs.

The concrete wall to be built behind the steel dry dock gate is the best mitigation of issues related to holes in the gate, weak areas, as well as related issues, to ensure the gate is sealed properly. The concrete wall will also be able to be extended later to mitigate projected sea level rises. Port Marlborough has estimated a 1 metre rise and we are already seeing increased risks from extreme tidal events that are becoming more frequent.

3 Roof and Downpipe Repairs – Bainbridge Building Quote Q3575 \$41,841.00

The roof over the Edwin Fox dry dock was built in 2000. Currently it has some leaking panels which mean that water is coming onto the structure of the ship. The height of the dry dock roof is a complicating factor. Panels need to be replaced and sealed. Replacing the fasteners for the roof panels and also improving the downpipes (significant repairs are required) will help to keep the ship safe and dry. This work will be the first significant maintenance on the roof since it was built in 2000.

4 Sprinkler Remedial Work – FFP Quote AU000845 \$10,145.00

This part of our application refers to recommendations to the sprinkler system ensuring better protection for the ship from fire risk. These improvements will ensure that the sprinkler system is fit for purpose.

The existing system was only designed to protect the ship in a basic way given that she is made of very old and very dry wood. This set of recommendations outlined in the quote will ensure better protection for the ship as well as better protection for visitors. Visitors who are in the hold, should there be a fire event, will need an escape route and the installation of these improvements to the sprinkler system will assist with this.

5 Signwriting Repairs – BB Signs Quote Q0007524 \$3,950.00

The signage on the dry dock roof was developed to ensure that boats entering Picton harbour would be aware of the offering of the Edwin Fox as a significant part of New Zealand and international maritime heritage. The lettering is large so that those onboard all vessels are able to read it. Currently the signage is peeling, faded, and generally looking very tired.

As scaffolding is a significant part of the roof repairs, it seems most prudent to combine the refreshing of the signage in conjunction with the roof repairs and maintenance outlined above. The water blasting of the roof where the lettering is to be applied is part of the project to refresh the lettering.