

out of scope

From: Dandan Huang
Sent: Wednesday, 29 September 2021 1:38 pm
To: Sean Mallon
Cc: Andrew Torr (Andrew.Torr@kapiticoast.govt.nz); Glen O'Connor; Glen Prince; Jamie MacDuff
Subject: Waikanae River Bridge Clip on Cost Share
Attachments: Waka Kotahi and KCDC Waikanae Clip_on confirmation of cost share letter.pdf

Hi Sean,

Thank you for the opportunity to go over the cost estimate of the Waikanae River Bridge clip-on structure.

The attached letter provides an update on the negotiated price (with Wagner) and seeks confirmation from KCDC on cost share for the shared path clip-on.

Look forward to hearing from you.

Best regards,

Dandan (Grace) Huang (she/her)

Senior Project Manager, Infrastructure Delivery – Wellington and Top of South

Transport Services

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29 September 2021

Kapiti Coast District Council
175 Rimu Road
Paraparaumu
Attention:
Group Manager, Infrastructure Services: Sean Mallon

COMMERCIAL IN CONFIDENCE: MacKays to Peka Peka Revocation: Waikanae Bridge 'Clip-on' Shared Pathway

Dear Sean,

Waka Kotahi has made good progress with contract negotiations with Wagners for the Waikanae Bridge Clip-on shared path. We are about to commit to a contract at \$1.84M and recommend a further 30% in total contingent sums for a budget of \$2.35M.

I write to kindly ask that given this information, Kapiti Coast District Council confirm that it will proceed to fund its 50% cost share for the Waikanae Bridge 'Clip-on' Shared Pathway in accordance with our revocation agreements.

I can confirm that Waka Kotahi will assist in cash flowing KCDC's share of payments over two financial years and expect that we would invoice one half of your share in Q1 2022, and the second half in Q4 2022.

Background:

Waka Kotahi has been working with Wagners Limited (refer [Wagners Composite Fibre Technologies \(wagnerscft.com\)](http://Wagners Composite Fibre Technologies (wagnerscft.com))) on a negotiated design build contract to deliver lightweight fibre reinforced composite clip-on structures for the Waikanae Bridge as well as for the Otaki River and Waitohu Stream bridges further north. The decision to use Wagners was made after considering the state of the market for light weight civil structures, the reduced load demands on aging structures, the on-site assembly advantages that the Wagner product offered and the likely cost advantages compared to steel fabricated alternatives.

Our intended contract with Wagners will be a NZS 3916 design build contract in two separable portions:

- Separable portion A covers the cost of investigation and design of all three bridges. KCDC's share will only apply to the design work for the Waikanae Bridge.
- Separable portion B covers the manufacture, delivery and assembly of the Waikanae bridge clip-on, as well as safety barriers, abutments, service relocations, minor civil works and traffic management.

We have been negotiating the cost for separable portion A for some time. The final costs for the design work has been agreed and design work is now near completion. We also have a near final tender offer for the physical works costs in separable portion B, although this is still subject to the last element of final design work now being completed in separable portion A.

A breakdown of our Engineers Estimate and the Wagners contact tender offer is attached based on negotiations to date with Wagners. We do not expect that there will be significant movement in final costs

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because as mentioned above, design work is near completion. Therefore, we would now like to a commitment from KCDC in order to proceed with signing separable portion B in the next two weeks.

The overall budget we recommend holding includes provision for up to an additional 30% for contingencies (to the 95% percentile confidence limit as is the Waka Kotahi risk policy).

Once we have signed separable portion B, the clip-ons will be manufactured, shipped from Australia and installed. Our hope has been to have the work installed this side of Christmas, however we suspect that given Covid 19 related trans-Tasman shipping delays, it may not now be possible to start until January 2022.

In Summary

Please confirm that KCDC will fund its 50% cost share for the Waikanae Bridge 'Clip-on' Shared Pathway in accordance with our revocation agreements, and confirms that we should proceed to sign the current contract offer from Wagners.

Yours sincerely



Dandan (Grace) Huang
Project Manager
Waka Kotahi NZ Transport Agency

cc. Access and Transport Manager, Glen O'Connor (KCDC)
Project Manager, Andrew Torr (KCDC)
Principal Project Manager, Glen Prince (Waka Kotahi)
Project Manager, Jamie McDuff (Waka Kotahi)

Enc. Engineers estimate v Wagner tender price

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Item	Description	Prepared By:	Review By:	Date	Wagners Tender	Difference (Wagner - Engineer Estimate)
					27.09.2021	
					Amount	Amount
Waikanae Shared Path Clip-On Structure (Waka Kotahi NZ Transport Agency Contract No. 3406) Wagner's design, supply and install of Waikanae Clip-On Structure and Wagner's design of Otaki and Waitohu bridge Clip-on Structures						
	SUMMARY	Sep. Portion				
1	Contractor's Design - SH1 Waikanae Bridge (Waikanae- 1.1,1.1.3,1.4)	(A)				
1.1	Detailed Design - SH1 Bridges (Waikanae)					
1.3	Designer's Construction Monitoring - SH1 Waikanae River Bridge					
1.4	Other Contractors Design - SH1 Waikanae River Bridge					
2	Physical Works - Waikanae River Bridge	(B)				
2.1	Environmental Compliance - SH1 Waikanae River Bridge					
2.2	Traffic Management - SH1 Waikanae River Bridge					
2.3	Access and Temporary Works - SH1 Waikanae River Bridge					
2.4	Earthworks - SH1 Waikanae River Bridge					
2.5	Shared Path Clip-on - SH1 Waikanae River Bridge					
2.6	Services Protection or Relocation - SH1 Waikanae River Bridge					
2.7	Drainage - SH1 Waikanae River Bridge					
2.8	Pavement & Surfacing - SH1 Waikanae River Bridge					
2.9	Retaining Structures - SH1 Waikanae River Bridge					
2.10	Safety Barriers - SH1 Waikanae River Bridge					
3.0	Preliminary & General - SH1 Waikanae River Bridge	(B)				
3.1	On Site Overheads - Non-Time Related (C)					
3.2	On Site - Time Related Costs (D)					
3.3	Off-Site Overheads & Profit (E)					
4.0	Provisional Sums - SH1 Waikanae River Bridge	(B)				
4.1	Unscheduled Works					
4.2	On-Site Overheads on Provisional Sums					
4.3	Off-Site Overheads & Profit on Provisional Sums					
4.4	Working Day Allowance (Provisional)					
	Total - All sections					
					\$	
	Contingency (25% of base)			25		
	Funding Risk (25% of base)			25		
	95th Percentile Estimate				\$2,100,000	\$250,000
					\$2,350,000	\$250,000

section 9(2)(b)(ii)