

ADMINISTRATIVE 18

NORTH LANARKSHIRE COUNCIL

REPORT

To: PLANNING AND ENVIRONMENT COMMITTEE	Subject:
From: DIRECTOR OF PLANNING AND ENVIRONMENT	C86/04 Coltness Bridge Strengthening Tender Report
Date: 28 March 2007	Ref: PER-03-075

1. Purpose of Report

1.1. The purpose of this report is to advise Committee of the action taken by the Director of Administration in consultation with the Convenor in accepting a tender from PLS Construction Ltd for the Contract, C86/04 Coltness Bridge Strengthening'.

2. Background and Resources

2.1. The existing bridge, comprising a masonry arch with plate girder extensions each side, carries Coltness Road over the South Calder Water near Wishaw. The poor condition of the side extensions necessitated a reduction in the width of the carriageway to a single lane, located centrally over the masonry arch, with traffic light control. The aim of this project is to remove the requirement for traffic lights and restore 2-way traffic over the bridge.

2.2. The project involves the retention and repair of the central masonry arch and the replacement of the existing plate girder side extensions with a precast prestressed concrete deck supported on the existing abutments. To facilitate the phased construction of the Works a temporary diversion of a trunk water main and its subsequent replacement within the new deck is required.

2.3. A temporary overbridge with traffic light control will be installed to maintain single lane traffic flow over the bridge during the initial phases of the Works. Periodic road closures will however be required. A temporary speed restriction will be imposed through the Works.

2.4. Planning and Environment (Roads and Structures Design) designed the replacement prestressed concrete beam deck extensions to comply with current highway loading standards as appropriate.

2.3 Funding for the Project is contained within the Planning and Environment Capital Allocation 2007/2008 under the heading of Bridge Investment Programme.

3. Sustainability Implications

3.1. The design of the new side extensions incorporates the existing mass concrete abutments and wing walls.

3.2. The South Calder Water will not be affected by the above Works.

4. Proposals / Considerations

4.1. The tender documents were issued to six Contractors, five returning tenders as follows:

Contractor	Tender Amount Before Checking	Tender Amount After Checking	Comments
PLS Construction Ltd	£405,798.00	£405,598.00	Lowest, arithmetic error
M. Mackenzie Construction Ltd	£433,065.00	£429,538.77	Arithmetic error
DCT Civil Engineering Ltd	£454,088.86	£454,093.66	Arithmetic error
Henry Boot Scotland Ltd	£484,377.67	£484,377.67	
Makers UK Ltd	£520,308.40	£520,308.40	Highest
Marshall Construction Ltd	-	-	Tender not returned

4.2. The projected costs, based on tender value, are highlighted below:

Tender Costs	£405,598.00
Contingencies	£ 40,902.00
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	£446,500.00
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In-house Fees	£ 90,000.00
Public Utility Diversion Costs	£150,000.00
Total for Project	<hr/>
	£686,500.00
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4.3. The tender of £405,598.00 submitted by PLS Construction Ltd, has been consistently and competitively priced and is worthy of consideration for acceptance.

4.4. All permanent works will be executed within land owned by N.L.C or on land where exists a right of access to N.L.C and its contractors.

4.5. Traffic Orders for the temporary closures of Coltness Road and the speed restriction during the Works will be processed when the Contractors programme is known.

4.6. The Pre-Tender Health and Safety Plan has been prepared by the Planning Supervisor and issued to all tenderers. The appointed Contractor will be required to develop the Construction Phase Health and Safety Plan prior to commencement of work on site.

4.7. Project management arrangements will be introduced to achieve cost effective project completion.

5. Recommendations

5.1. It is recommended that Committee homologate the action taken in awarding the Contract.


David M Porch
DIRECTOR OF PLANNING AND ENVIRONMENT
(16 February 2007)

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