



City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** July 15, 2009
From: Dave Semple **File:**
Director, Parks and Public Works Operations
Re: **Contract T.3567 - No. 2 Road Bridge Painting**

Staff Recommendation

- a) That Contract T.3567, No. 2 Road Bridge Painting, be awarded to Nor Lag Coatings Ltd. at the tendered amount of \$626,463.60;
- b) That the source of funds be the Major Road Network Operating, Maintenance and Rehabilitation Provisional Account.

Dave Semple
Director, Parks and Public Works Operations
604-233-3350

FOR ORIGINATING DIVISION USE ONLY					
ROUTED TO:	CONCURRENCE		CONCURRENCE OF GENERAL MANAGER		
Budgets & Accounting	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>			
REVIEWED BY TAG	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	REVIEWED BY CAO	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Staff Report

Origin

The No. 2 Road Bridge is due for painting and tenders were subsequently issued and closed on June 17, 2009. This report presents the results of the tender process and recommends award of the contract to Nor Lag Coatings Ltd.

Analysis

The No. 2 Road Bridge was opened in July 1993 and while it is predominantly a pre-cast concrete structure, there are a number of painted metal components, most notably the street lights, guardrail 'top rails' and outside sidewalk railings. The bridge was inspected by an outside bridge maintenance Engineer (MainRoad Contracting Ltd) in June of 2000, and again in May 2006. The issue of the wearing painted surface coating was included in the scope of these inspections. In both reports, the inspections concluded the surface is wearing and deteriorating, as would be expected. In the 2006 report, the inspector noted the deterioration is beginning to accelerate and recoating should be applied in order to reduce overall future maintenance costs. With increasing concerns about the impacts to future maintenance costs as the deterioration is starting to expose bare metal at isolated locations and increasing concerns about the appearance of the bridge, it is important to proceed with structure painting in 2009.

Staff therefore issued a tender for painting works. The scope of work includes cleaning using high pressure water blasting, mechanical cleaning, and application of both a base and topcoat of paint on all of the steel components. The final finish and colour will match the original painting of the bridge (light blue). The process will incorporate environmentally sound practices including containment of the cleaning/painting areas and waste water from the cleaning process will be collected and disposed of offsite. All of the work will be conducted to meet, or exceed, all environmental and WorkSafe BC requirements.

Subject to Council approval, painting is tentatively scheduled to commence in late July 2009 and will continue until approximately the end of September 2009. Traffic control measures and advance notice signage will advise motorists of any traffic impacts and keep delays to a minimum. There will be the need to close each of the sidewalks (one at a time) in order to safely complete the works, but there will be detailed signage to direct pedestrians to the opposite side of the bridge. The bicycle lane and curb lane of traffic will be impacted in off-peak hours/directions but all travel lanes will be open during peak traffic times/directions.

A total of four bids were received. One bid was withdrawn due to the proponent's inability to do the work.

Nor Lag Coatings Ltd.	\$ 626,463.60
Remdal Painting & Restoration	\$ 1,314,903.00
Ross Rex Industries Painter Ltd.	\$ 1,644,160.00

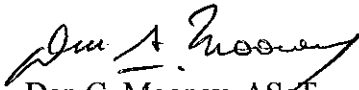
Nor Lag Coatings Ltd. have successfully completed similar work for a number of jurisdictions, including the recent re-painting of the Pattullo Bridge for TransLink. The tender bid recommended is from Nor Lag Coatings in the amount of \$626,463.60.

Financial Impact

Funding for the No. 2 Road Bridge Painting Program, including the contract and City work proposed, is available from the Major Road Network Operating, Maintenance and Rehabilitation Provisional Account.

Conclusion

The tender proposed by Nor Lag Coatings Ltd. represents best value to the City for the repainting of the No. 2 Road Bridge and is therefore recommended for award. The No. 2 Road Bridge Painting Program is scheduled to start in late July and is planned for completion in late September.



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