

**AGENDA FOR A SPECIAL MEETING OF THE TENDERS SUBCOMMITTEE TO
BE HELD IN THE CIVIC CENTRE, 6 WAIPAREIRA AVENUE, LINCOLN,
WAITAKERE CITY, ON WEDNESDAY, 24 APRIL 2002,
COMMENCING AT 3.45 PM.**

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1 APOLOGIES



**2 CONTRACT TA 0262.1 - DON BUCK ROAD/TRIANGLE ROAD INTERSECTION
UPGRADE**

PURPOSE OF THE REPORT

The purpose of this report is to seek approval to award Contract No: TA 0262.1, Roundabout Construction - Don Buck Road/Triangle Road Intersection Upgrade.

BACKGROUND

The installation of a roundabout at this intersection was approved through the 2001/2002 Annual Plan process. The intersection crash record and traffic delays justified the original project and attracted Transfund subsidy at 48%.

Additional desirable features were identified during detailed design, and in the consultations with businesses in the vicinity of the roundabout. These additions include a new car park access for the shops opposite Triangle Road, a new car park access for the shops and petrol station on the north-eastern corner, a smaller radius for the left turn to Triangle Road to slow traffic at the un-controlled pedestrian crossing place in the departure, and barrier protection on the kindergarten boundary. The additions do not attract subsidy.

SCOPE OF WORK

The main work is the construction of a roundabout at the intersection of Don Buck Road and Triangle Road, Massey. This entails the construction of roadway widening, carriageway overlay, kerb and channelling, footpaths, traffic islands, upgrading of existing storm water reticulation, road marking and signs and street lighting relocation. Other additional features are referred to in the Background section above.

Due to the importance of minimising delays to the public, and inconvenience to the businesses in the vicinity, the Request for Tender asked for consideration of two pricing options; Option 1 - Day Time Work ; Option 2 - Night Time Work.

TENDERS RECEIVED

Tenders were publicly advertised with five sets of documents being uplifted. Four tenders were received by the closing date of Tuesday 19 March 2002. These are summarised in Table 1 below:

TENDERER	REG OFFICE	DAYTIME TENDER PRICE (excl. GST)	NIGHT TIME TENDER PRICE (excl. GST)
Arrow Civil Engineers Limited	Onehunga	\$ 264,708.40	\$ 316,601.70
Auckland Civil Limited	Glenfield	\$ 283,059.38	\$ 564,842.76
HEB Contractors Limited	Drury	\$ 370,281.45	\$ 348,701.53
Civil Construction Group	Herne Bay	Unopened	Unopened
Pre-tender contract estimate		\$ 223,627.50	Not Estimated

Table 1 - Summary of Tender Prices

TENDER EVALUATION

In accordance with the conditions of tendering, tenders were evaluated using the Weighted Attribute Method of Transfund New Zealand's "Competitive Pricing Procedures Manual".

These procedures require that where the tender includes Provisional Sums (work valued by the Principal and placed within the Schedule of Prices) they are deducted from the Tender Sum prior to evaluating each tender. In this contract the value of Provisional Sums is \$500.00.

The "Two envelope process" as described in Section 2.7 of the Manual was followed. Under this method, only the first tender envelope is opened and the non-price attributes evaluated for all tenders before the second envelope containing the tender price is opened, and the tender prices duly included in the evaluation.

A summary of the evaluation results is shown in Table 2 and Table 3:

Tender Evaluation	Attributes	Rel Exper	Track Record	Tech Skills	Resou ces	Man Skills	Method	Price	Total Weight
Tenderer	Weight	5%	5%	2%	4%	4%	10%	70%	100%
	Tender Sum	Grades							Index
Arrow Civil Engineers Ltd	\$264,208.40	46	64	57	42	65	41	56	55
Auckland Civil Ltd	\$282,559.38	38	40	45	45	49	38	50	47
HEB Contractors Ltd	\$369,781.45	83	77	69	70	79	71	19	36
Civil Construction Group	Unopened	< 35	< 35	< 35	< 35	< 35	< 35	N/A	Disqualified
Median Tender Price	\$282,559.38								

Table 2 - Summary of Tender Evaluation Option 1 - Day Time Work

Tender Evaluation	Attributes	Rel Exper	Track Record	Tech Skills	Resou ces	Man Skills	Method	Price	Total Weight
Tenderer	Weight	5%	5%	2%	4%	4%	10%	70%	100%
	Tender Sum	Grades							Index
Arrow Civil Engineers Ltd	\$316,101.70	46	64	57	42	65	41	59	56
Auckland Civil Ltd	\$564,342.76	38	40	45	45	49	38	-12	4
HEB Contractors Ltd	\$348,201.53	83	77	69	70	79	71	50	57
Civil Construction Group	Unopened	< 35	< 35	< 35	< 35	< 35	< 35	N/A	Disqualified
Median Tender Price	\$348,201.53								

Table 3 - Summary of Tender Evaluation Option 2 - Night Time Work

With the exception of HEB Contractors Limited submission, the general standard of the tender submissions was poor. Arrow Civil Engineering Limited (ACEL), Auckland Civil Limited (ACL) and Civil Construction Group Limited did not address the questions asked in the Request for Tender (RFT) and consequently scored poor marks.

In particular Civil Construction Group Limited do not appear to have a sound understanding of the requirements of a Weight Attributes Tender; the tender did not achieve over 35% in any attribute and was therefore excluded from further consideration. Accordingly, the price envelope is not opened and must be returned with the declination of the tender.

No tenderer submitted information for Option 2 - Night Time Work; the same marks were therefore awarded for each option, for every tender.

The lowest price tender was approximately \$41,000 or 18% higher than the Engineers Estimate. The difference is predominately attributable to carriageway construction. The high prices are considered to be in allowance for the difficulties of working in a restricted site at a very busy intersection.

TAGS, ERRORS OR OMISSIONS

The highest scoring tender was submitted by Arrow Civil Engineering Limited. Whilst this did not contain specific tags, there were a significant number of points that required clarification. These points were in the Technical Skills, Resources and Methodology categories, but have been clarified satisfactorily. Arrow Civil Engineering Limited have also confirmed their ability to commence work on the 29 April 2002.

The other conforming tenders submitted by Auckland Civil Limited and HEB's did not contain specific tags, but both have points that would require further clarification. These have not been addressed because Auckland Civil Limited and HEB tenders are not successful in regard to overall points awarded.

The tender prices for Option 2 - Night Time Work are in all cases not economic, and this option has eliminated from further consideration.

CREDIT CHECK

A credit check of Arrow Civil Engineers Limited revealed no adverse information.

SUMMARY

Unrealistic prices relative to budget submitted for Option 2 - Night Time Work eliminate this option from consideration for the Contract.

The results of the tender evaluation summarised in Table 2 Option 1 - Day Time Work, show that the tender submitted by Arrow Civil Engineers Limited achieved the highest index of 55. This tender is also the lowest priced tender.

Arrow Civil Engineers Limited has undertaken similar work for Waitakere City Council and is therefore recommended for award of the contract.

JOB COSTS

Excl. GST

Tender Sum - Option 1: Day Time Work Hours	
Arrow Civil Engineers Limited	\$264,708.40
Contingency	\$ 26,470.00
Engineering Design & Supervision	\$ 28,050.00

Total Job Cost	\$319,228.40

SOURCE OF FUNDING

Budget Description (from Annual Budget line item)	Codes	Budget	Committed to Other Projects	Allocation to this Project	Unallocated Balance
Network Improvement	75-9810-39230	\$223,000	Nil	\$223,000	Nil
Don Buck Triangle Roundabout Non-subsidised	75-9814-44760	\$62,400 [1]	1000	\$ 61,400	Nil
Parking Areas	46-7174-24710	\$24,000	Nil	\$18,000	\$6,000
Footpath Renewals	75-9861-24680	\$465,000	\$455,000	\$10,000	Nil
Street Furniture	46-7635-27510	\$10,000	\$6,000	\$4,000	Nil
Facilities for Disabled	75-9814-30640	\$10,000	\$1,800	\$2,828	\$5,372
			Total	\$319,228	

\$62,400, see [1] above, is the unsubsidised portion of the budget for the Sel Peacock/Alderman Intersection roundabout safety improvement project. Transfund has withdrawn subsidy for that project following a change to the cut-off BCR from 3 to 4. Further, advice from Council's consultant for that project is that at normal rates of traffic growth the capacity of the upgraded roundabout would be exceeded in six to seven years. It is known that traffic could increase significantly and suddenly earlier, owing to property development now expected in the Town Centre north of Great North Road. The funding contribution from the Aquatic Centre project remains available to improve the capacity of the Aquatic Centre roundabout approach.

The full Sel Peacock/Alderman intersection upgrade, is now considered inappropriate on two factors, BCR and capacity; a reassessment of traffic demand and network development requirements in the town centre is now required. This strategy is proposed in a separate report to the Finance and Operational Performance Committee.

RECOMMENDATIONS

1. That the information be received.
2. That the tender from Arrow Civil Engineers Limited for Contract No: TA 0262.1, Roundabout Construction - Don Buck Road/Triangle Road Intersection Option 1 - Day Time Work, in the sum of \$264,708.40 plus \$33,088.55 GST, totalling \$297,796.95 be accepted.
3. That authority to enter into Contract No: TA 0262.1, Roundabout Construction - Don Buck Road/Triangle Road Intersection Option 1 - Day Time Working Hours on behalf of Council be delegated to the Director: City Services.

Report prepared by: Reg Cuthers, Transportation Engineer Asset Development.

