



Waitakere City Council  
*Te Taiao o Waitakere*

## NOTICE OF MEETING

# TENDERS SUBCOMMITTEE

I hereby give notice that a Meeting of the Tenders Subcommittee will be held on:-

**DATE:**            Friday                    3 August 2007                    **TIME:**            9.00 am

**VENUE:**        Waitakere Central, 6 Henderson Valley Road, Henderson,  
Waitakere

to consider the business as set out herein and to take any necessary action connected therewith.

27 July 2007

pp.

Ngareta Delamere  
**COMMITTEE SECRETARY**

Telephone (09) 836 8000 extn 8552

### MEMBERSHIP:

Councillors    JM     Clews, QSO, JP (Chairman)  
                  RI     Clow (Deputy Chairman)

Chief Executive Officer

Director: City Services

Director: Corporate & Civic Services

Director: Strategic Performance

Director: Strategic Planning

Director: Public Affairs

Director: Finance

Mayor RA Harvey, QSO, JP (ex officio)

Deputy Mayor CA Stone (ex officio)

(Quorum 3 members)

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(The reports and recommendations contained in all agendas are reports and recommendations only and are not to be construed, in any way, as Council policy until adopted.)

**AGENDA FOR A MEETING OF THE TENDERS SUBCOMMITTEE TO BE HELD AT  
WAITAKERE CENTRAL, 6 HENDERSON VALLEY ROAD, HENDERSON,  
WAITAKERE, ON FRIDAY, 3 AUGUST 2007,  
COMMENCING AT 9.00 AM**

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**1 APOLOGIES**



**2 URGENT BUSINESS**

Section 46A(7) of the Local Government Official Information and Meetings Act 1987 provides that where an item of business is not on the agenda, it may only be dealt with at the meeting if:

- (i) the Committee by resolution so decides; and
- (ii) the Chairman has explained at the beginning of the meeting (when open to the public) that the item will be raised for discussion and decision, why the item is not on the agenda, and why it cannot be delayed until a subsequent meeting.

The Committee may make a decision on a matter determined to be urgent.

**NOTE:** Urgent Business need not be dealt with now and may be delayed until later in the meeting.



**3 CONFLICTS OF INTEREST**

The Council has acknowledged in its Code of Conduct that Elected Members need to be vigilant to stand aside from decision making when a conflict arises between their role as a member of the Council and any private or other external interest they might have. This note is provided as a reminder to members to check that no such conflicts arise in relation to any items on this agenda.



**4 CONFIRMATION OF MINUTES**

Meeting Minutes - Friday, 20 July 2007

**RECOMMENDATION**

That the minutes of the Meeting of the Tenders Subcommittee held on Friday, 20 July 2007, as circulated, be taken as read and now be confirmed.



**5 CONTRACT NO. TA07001A - ROAD ASSESSMENT AND MAINTENANCE MANAGEMENT (RAMM) PROFESSIONAL SERVICE**

**PURPOSE OF THE REPORT**

The purpose of this report is to seek approval from the Tenders Subcommittee to award Contract No. TA07001A - Road Assessment and Maintenance Management (RAMM) Professional Services.

**BACKGROUND**

This contract forms part of Transport Assets operational data programme provided for in the 2007/2008 Annual plan and specifically the management and maintenance of RAMM database.

**SCOPE OF WORK**

The scope of work includes providing all service required for management and operation Waitakere City Council's RAMM system till end of financial year 2008 with possible 12 months extension subject to the contractor's performance at Council's sole discretion. The extent of work includes, but not limited to the following:

- Management and maintenance of the RAMM database via the CJN hosting service;
- Annual database updating of new inventory, such as, new sub divisional roads, shape corrections, seal extensions, reseals, road widening, safety improvements etc;
- Collection and inputting of the data from the High-Speed Data (HSD) surveys. This includes roughness, rutting and geometry (provisional);
- Collection and inputting of visual road, surface water channel and cesspit cover only condition rating surveys;
- Carrying out new surveys for selected tables in the database;
- Inputting data from Council's other data providers or their representative;
- Collection and inputting of visual footpath rating survey;
- Carrying out surveys to validate the existing data contained in RAMM;
- Carrying out network video survey;
- Undertake independent field audits on data supplied by other Consultants and Contractors;
- Annual inventory updates as a result of maintenance works;
- Provision of database interrogation and supply of custom data at Council's discretion;
- Coordinate to supply data required by dTIMS Consultant;
- Prepare and undertake a Falling Weight Deflectometer (FWD) survey programme including data entry;
- Provision of Informix ACE reports, SQL and other RAMM supported formats at the Clients discretion to maximize the use of the RAMM system.

**TENDERS RECEIVED**

Tenders were publicly advertised with 11 sets of documents being downloaded from tender link. Three tenders were received by the closing date of 26 June 2007. The details for the tenders are summarised in Table 1 below:

TENDERER	REG OFFICE	TENDER PRICE (excl. GST)
Montgomery Watson Harza (MWH)	Auckland	\$241,786.30
OPUS International Consultant Limited (OPUS)	Papakura	\$265,619.63
Pavement Management System (PMS)	Hamilton	Disqualified
<b>Pre-tender contract estimate</b>		\$248,600.00

**Table 1 - Summary of Tender Prices**

### TENDER EVALUATION

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

These procedures require the Provisional Sums be deducted from the Tender Sum prior to evaluating each tender. The value of Provincial Sum was \$66,990.60 and \$42,696 for OPUS and MWH respectively and the engineer's estimate for the value of Provisional Sums is \$38,810.

The "Two envelope process" as described in Section 2.7 of the above 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:

Tender Evaluation	Attributes	Exper.	Track Record	Tech. Skill	Manag. Skill	Method	Price	Contract Number TA07001A Total Weights
	<b>Weights</b>	<b>20</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>20</b>	<b>20</b>	<b>100</b>
<b>Tenderer</b>	<b>Tender Sum</b>							<b>INDEX</b>
OPUS International Consultants Limited (OPUS)	\$198,629.03	82	78	88	81	88	55	78
Montgomery Watson Harza (MWH)	\$199,090.30	82	71	77	82	77	55	76
Pavement Management System (PMS)	-----	35	Disqualified					
Engineer's Estimate	\$209,790.00							

**Table 2 - Summary of Tender Evaluation**

OPUS and MWH both have provided RAMM professional service to the Council in the past and familiar with Council's procedures and contract specifications. All tenders were rated based on the recent experience with Council works, information contained in their tender submission and connection with referees.

OPUS received the highest index, Pavement management System was disqualified due to the lack of track record.

### TAGS, ERRORS OR OMISSIONS

There were no tags, errors and omissions identified in any of the tenders received.

## CREDIT CHECK

A credit check on OPUS dated 26 June 2007 revealed no adverse information.

## JOB COSTS

**excl. GST**

Tender sum - OPUS International Consultants Ltd	\$265,619.63
Contingency	\$ 26,561.96
Total Job Cost	<u>\$292,181.59</u>

Contingency amount has been calculated as being 10% of the contract amount over the two years contract period. This is to cover any unaccounted survey or field-testing that Council may wish to carry out within the contract duration.

## SOURCE OF FUNDING

Budget Description (from Annual Budget line item)	Codes	Budget	Committed to other Projects	Allocation to this Project	Unallocated Balance
RAMM Professional Services	46-7154-24570-022	\$207,000	Nil	\$207,000	Nil
Asset Management System integration	75-9887-51590-022	\$103,000	Nil	\$50,000	\$53,000
dTIMS Predicative Modelling	46-7154-43230-022	\$62,000	\$1,200	\$8,000	\$52,800
Signs Markings Database & Condition Data	46-7166-49700-022	\$25,000	\$5,000	\$20,000	Nil
Traffic Volume/Speed Data & Database	46-7150-24500-022	\$77,000	Nil	\$8,000	\$69,000
Total				\$293,000	

## SUMMARY

The results of the tender evaluation as summarised in Table 2 shows that the tender submitted by OPUS achieved the highest index of 78, however, MWH has the lowest price.

OPUS has managed RAMM database for Council from 1999 to 2002 and carried out a desktop audit for Council in 2005. They have skills and resources to carry out the work.

## RECOMMENDATIONS

1. That the Contract No. TA07001A - Road Assessment and Maintenance Management (RAMM) Professional Service report be received.
2. That the tender from OPUS International Consultants Ltd for Contract No. TA07001A - Road Assessment and Maintenance Management (RAMM) Professional Services the sum of \$265,619.63 plus \$33,202.45 GST, totalling \$298,822.08 be approved.

3. That authority to enter into Contract No. TA07001A - Road Assessment and Maintenance Management (RAMM) Professional Services on behalf of Council be delegated to the Director: City Services.

Report prepared by: Jinjiang Zhong, Transport Engineer.



## 6 **CONTRACT NO. TA06011B - CORONATION BRIDGE REPAIRS**

### **PURPOSE OF THE REPORT**

The purpose of this report is to seek approval from the Tenders Subcommittee to award Contract No. TA06011B - Coronation Bridge Repairs.

### **BACKGROUND**

Coronation Bridge spans over the Opanuku Stream and is situated near the intersection of Great North Road, Henderson Valley Road, and Alderman Drive. The bridge was built in 1911 and is part of the Henderson Heritage Trail, which includes landmarks of the historic city of Henderson. For over fifty years it served as a two lane vehicular bridge before the present (Great North Road Bridge) vehicular traffic bridge was constructed in 1947. Until recently the bridge has been used as pedestrian access to the car park near the Great North Road, Henderson Valley Road intersection. Recent concerns about the stability of the bridge prompted a number of investigations and acting on those recommendations the decision was taken to close the bridge to the general public on safety grounds.

The decision was made to repair the bridge and that the repairs should retain the structure and perpetuity of the bridge in accordance with Transit and NZSEE guidelines.

The repairs also need to retain the historic value of the bridge which has significant heritage value to the Henderson area. The bridge will also become a key component of the walk/cycleway connection between Swanson and Henderson.

### **SCOPE OF WORK**

The scope of this Contract includes the following physical works:

- Repairs to existing abutments and scour protection to concrete arch footings;
- Concrete repairs and repairs to existing stone masonry wall;
- Resurfacing of the existing bridge surface;
- New handrail on the bridge and eastern approach;
- Removal of old footbridge piers;
- Stormwater Drainage;
- Vegetation clearing.

### **TENDERS RECEIVED**

Tenders were publicly advertised on Tenderlink on 21 June 2007 with 26 sets of documents being downloaded. Two tenders were received by the closing date of 10 July 2007. These are summarised in Table 1 below:

TENDERER	REG OFFICE	TENDER PRICE (excl. GST)
GK Civil Ltd	PO Box 300169, Albany, Auckland	\$420,766.50
H&H Contractors Ltd	PO Box 15084, New Lynn, Auckland	Price envelope not opened
<b>Pre-tender contract estimate</b>		\$520,050.00

**Table 1 - Summary of Tender Prices**

## TENDER EVALUATION

The 'two envelope process' as described in Section 2.7 of the above 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.

In accordance with the conditions of tendering, the tender by GK Civil Limited, was evaluated in line with the Weighted Attribute Method contained in 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 case as only one tender has been evaluated, this deduction is not required.

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

Tender Evaluation	Attributes	Exper.	Track Record	Tech. Skills	Resource	Mgmt.	Method	Price	Total Weight
Tenderer	Weight	8	8	4	4	3	3	70	100
	Tender Sum	Grades							Index
GK Civil Ltd	\$420,766.50	65	55	70	60	70	70	50	54
H&H Contractors Ltd	Disqualified								
Median Tender Price	\$420,766.50								

**Table 2 - Summary of Tender Evaluation**

GK Civil Limited supplied a Certificate of Incorporation indicating the company was formed on 5 December 2006. Information on Relevant Experience and Track Record was supplied that indicated that the parent company Great Kauri Company Ltd had formed the new company to take on civil work, and had recently employed two highly experienced Civil Engineers, Bill Butterfield and Ross Dallimore), who had extensive bridge building and sheet pile wall construction expertise. Specific reference was made to four bridges constructed on the East Coast.

The Track Record information indicated completion ahead of programme. Contact was made with two referees who confirmed that Bill Butterfield was the Project Manager on three of the bridges and that they were very satisfied with his performance. In view of the fact that GK Civil Limited was not the main contractor, a grade of 55 was given. The Technical Experience and Management Skills section were marked as Above Average (70) with all requirements adequately met, as did Resources (60) and Methodology (70) which covered the contract requirements well. Their tender is very competitive as they are keen to be awarded this contract.

H&H Contractors Limited were not marked as their tender was considered non-complying and rejected (see section on Tags below).

## TAGS, ERRORS OR OMISSIONS

### H&H Contractors Limited

The tender from H&H Contractors Limited contained a number of tags both in the methodology statement and in an accompanying letter. Clarification was sought and withdrawal of certain tags requested. Their responses were unsatisfactory and the deadline for the final request for information was not met. The decision was made to consider H&H Contractors Limited's tender to be non-conforming and to reject it. This decision was made in accordance with Clause WCT 6.1 and WCT 11.4 of the Conditions of Tendering and Tender Process. The Price Envelope will be returned unopened to H&H Contractors Limited.

### GK Civil Limited

Envelope 1 of the tender from GK Civil Limited contained several omissions and further information was requested. This was adequately supplied.

Following marking of the attributes, the Price Envelope was opened and the tender checked for arithmetical errors. It was noted that there were two errors in the Schedule of Prices as follows:

- (a) The subtotal for Section 6 should be \$ 34,250.00 instead of \$34,750.00.
- (b) The subtotal of Section 7 should be \$110,095.00 instead of \$95,438.00.

Clarification was sought requesting agreement to the correct subtotals and that the tender sum remained unaltered. Confirmation of vibration less pile driving methods was also requested. GK Civil Limited responded confirming agreement to these conditions.

## CREDIT CHECK

A credit check dated 26 July 2007 revealed no adverse information.

## JOB COSTS

	<b>excl. GST</b>
Tender sum - GK Civil Limited	\$420,766.50
Contingency	\$ 43,000.00
Engineering & Supervision (includes consultant costs)	\$ 82,168.00
Other Costs	\$ 3,000.00
	-----
Total Job Cost	\$548,934.50

## SOURCE OF FUNDING

Budget Description	Codes	Budget	Committed to Other Projects	Allocation to This Project	Unallocated Balance
Coronation Bridge	75-9880-49730-280	\$240,000	\$nil	\$548,934	Nil
Opanuku	75-9873-36251-280	\$150,000			
Cycleway	75-9860-24470-280	<u>\$158,934</u>			
Drain System Renewals		\$548,934			

## SUMMARY

The results of the tender evaluation as summarised in Table 2 shows that the tender submitted by GK Civil Limited achieved an index of 54. Their referee checks were satisfactory and they appear adequately qualified and experienced to carry out the contract works.

As part of City Services vision "Quality and Health and Safety is not negotiable" all contractors have had this focus clearly reinforced through the contract documents and this will be strongly reiterated at the subsequent pre-start meeting and imposed during the contract period.

## RECOMMENDATIONS

1. That the Contract No. TA06011B - Coronation Bridge Repairs report be received.
2. That subject to a satisfactory credit check, the tender from GK Civil Limited for Contract No. TA06011B - Coronation Bridge Repairs, in the sum of \$420,766.50 plus \$52,595.81 GST, totalling \$ 473,362.31 be accepted.
3. That authority to enter into Contract No. TA06011B - Coronation Bridge Repairs on behalf of Council be delegated to the Group Manager: Project Services.

Report prepared by: Paul McDaid, Contract Engineer.



## 7 CONTRACT NO. TA07025A - ENGAGEMENT OF CONSULTANT FOR THE PROVISION OF PROFESSIONAL ENGINEERING SERVICES

### PURPOSE OF THE REPORT

The purpose of this report is to seek approval from the Tenders Subcommittee to award Contract No. TA07025A - Engagement of Consultant for the Provision of Professional Engineering Services.

### BACKGROUND

The scope of this contract is for the provision of professional engineering services of various transportation works undertaken by the Council. There are eight vacancies within Transport Assets team, which makes it difficult for the existing staff resources to undertake any extra work.

### SCOPE OF WORK

The Scope of Services is for the provision of professional engineering services for various transportation works undertaken by the Council.

The contract is for the delivery of the following scope of works:

- Traffic Safety Investigation;
- Traffic Impact Assessment Review;
- Scheme and Feasibility Stage Assessments;
- Public Consultation;
- Road Project Economic Evaluation.

## TENDERS RECEIVED

Tenders were publicly advertised with twenty (20) sets of documents being uplifted. Three (3) tenders were received by the closing date of 26 June 2007, 4:00pm. These are summarised in Table 1 below:

TENDERER	REG OFFICE	TENDER PRICE (excl. GST)
Beca Infrastructure Limited	132 Vincent Street Auckland	\$337, 500
Duffill Watts and King Limited	P O Box 26221 Epson Auckland	\$384,000
Traffic Engineering Solutions Limited	Level 2B 54 Wellesley Street Auckland	\$268,000
<b>Pre-tender contract estimate</b>		<b>\$274,000</b>

**Table 1 - Summary of Tender Prices**

## TENDER EVALUATION

In accordance with the conditions of tendering, tenders were evaluated in line with the Weighted Attribute Method contained in 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 \$274,000.

The 'Two envelope process' as described in Section 2.7 of the above 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:

Tender	Attributes	Exper.	Track	Tech. Skills & Resources	Mgmt	Method	Price	Contract Number TA07025A
Evaluation	Weights	20	20	25	10	5	20	Total Weights
Tenderer	Tender Sum							INDEX
Duffill Watts and King Limited	\$384,000	61	61	64	70	57	10	52
Beca Infrastructure Limited	\$337,500	72	59	62	65	77	27	57
Traffic Engineering Solutions Limited	\$268,000	82	77	81	68	84	52	73
<b>Engineer's Estimate</b>	<b>\$274,000</b>							

**Table 2 - Summary of Tender Evaluation**

Traffic Engineering Solution Limited has undertaken similar work for Council and has performed satisfactorily.

### TAGS, ERRORS OR OMISSIONS

There were no tags, errors or omissions

### CREDIT CHECK

A credit check on Traffic Engineering Solutions Limited has been requested.

### JOB COSTS

	<b>excl. GST</b>
Tender sum - Traffic Engineering Solutions Limited	\$268,000
	-----
Total Job Cost	\$268,000

### SOURCE OF FUNDING

Budget Description (from Annual Budget line item)	Codes	Budget	Committed to Other Projects	Allocation to This Project	Unallocated Balance
Minor Safety Works	75-9870-24480	\$872,000	\$50,000	\$130,000	\$692,000
Forward Design Capital Works	75-9887-45900	\$359,000	-	\$138,000	\$221,000

### SUMMARY

The results of the tender evaluation as summarised in Table 2 shows that the tender submitted by Traffic Engineering Solutions Limited achieved the highest index of 73. This tender is also the lowest priced tender.

As part of Council's contracting process "Quality and Health and Safety is not negotiable" - all contractors have had this focus clearly reinforced through the contract documents and this will be strongly reiterated at the subsequent pre-start meeting and imposed during the contract period.

### RECOMMENDATIONS

1. That the Contract No. TA07025A - Engagement of Consultant for the Provision of Professional Engineering Services report be received.
2. That the tender from Traffic Engineering Solutions Limited for Contract No. TA07025A - Engagement of Consultant for the Provision of Professional Engineering Services in the sum of \$ \$268,000 plus \$33,500 GST, totalling \$301,500 be approved.
3. That authority to enter into Contract No. TA07025A - Engagement of Consultant for the Provision of Professional Engineering Services on behalf of Council be delegated to the Group Manager: Asset Management.

Report prepared by: Kong Jin Png, Senior Transport Engineer.

