

**MINUTES OF COMMITTEES**

Nil

**PETITIONS**

Nil

**BUSINESS DEFERRED**

Nil

**NOTICE OF MOTION**

Nil

**62      REPORTS BY OFFICERS**

**62.1      REPORT TITLE:      TENDER 2006.016 - ALEXANDRINA ROAD  
RECONSTRUCTION  
DATE OF MEETING: 5 FEBRUARY 2007  
AUTHOR:      BILL GRAHAM  
AUTHOR'S TITLE:      CONTRACTS & PROPERTY CO-  
ORDINATOR  
REPRESENTORS:      NIL  
FILE NUMBER:      70/030/152  
                                 70/040/107  
DEPARTMENT:      ASSETS & INFRASTRUCTURE  
DEPARTMENT  
MANAGER:      BRIAN CLANCEY**

Moved Councillor Irvine that Council:

1. Award tender 2006.016, reconstruction of Alexandrina Road, Mount Barker to Lorenzin Construction Pty Ltd for the amount shown of \$878,900.00 GST inclusive
2. Approve an additional \$94,000 budget for the project; and
3. That the Council orders pursuant to Section 91(7), (8) and (9) of the Local Government Act 1999 that the confidential attachment relating to this item be kept confidential until 5 February 2008 excluding the amount of the successful tenderer in accordance with Clause 13 of the Council tender document  
(additional information – refer confirmation of minutes 19 February 2007)  
*"All information provided between Tenderers and the Council shall be treated as confidential information during the contract selection process. Both the Tenderer and the Council shall undertake to maintain that information as confidential and commercial - in - confidence during the contract selection process and after the contract is formally*

*awarded, except for information which the public has a right to know about after the contract is awarded, as follows:*

- ☐ *The name of the successful Tenderer;*
- ☐ *The nature of the contracted work (location, type of work, benefit for the community).*

Seconded Cr Gamble and CARRIED

**62.2**      **REPORT TITLE:      MONARTO QUARRIES**  
**DATE OF MEETING: 5 FEBRUARY 2007**  
**AUTHOR:              IAN POWELL**  
**AUTHOR'S TITLE:    QUARRY MANAGER**  
**REPRESENTORS:    N/A**  
**FILE NUMBER:       10/030/032-5**  
**DEPARTMENT:       ASSETS AND INFRASTRUCTURE**  
**DEPARTMENT**  
**MANAGER:           BRIAN CLANCEY**

Moved Cr Gamble that Council note the report.  
Seconded Cr Irvine and CARRIED.

**62.3**      **REPORT TITLE:      ADELAIDE HILLS REGION WASTE**  
**MANAGEMENT AUTHORITY**  
**DATE OF MEETING: 5 FEBRUARY 2007**  
**AUTHOR:              BRIAN CLANCEY**  
**AUTHOR'S TITLE:    GENERAL MANAGER, ASSETS AND**  
**INFRASTRUCTURE**  
**REPRESENTORS:    N/A**  
**FILE NUMBER:       40/080/002-10**  
**DEPARTMENT:       ASSETS & INFRASTRUCTURE**  
**DEPARTMENT**  
**MANAGER:           BRIAN CLANCEY**

8pm      Cr Lyn Stokes declared an interest as the Chair of the Adelaide Hills Region Waste Management Authority and left the meeting.

Moved Cr Irvine that Council formally advise the Adelaide Hills Region Waste Management Authority that:

1. The proposed further changes to the Charter of the Adelaide Hills Region Waste Management Authority are supported;
2. The District Council of Mount Barker is prepared to agree in principle to commit as a minimum to the existing waste streams collected by Council being delivered to the Hartley Landfill until June 2015; and
3. The recommended gate rate price increases for the 2007/08 financial year are supported.

Seconded Cr Wilksch and CARRIED



# CONFIDENTIAL ATTACHMENT 2 TO ITEM 13.1

20060337LA7/AF/AF

18 January 2007

District Council of Mount Barker  
PO Box 54  
Mount Barker SA 5251

Attention: Mr Atis Berzins

Dear Sir

## ALEXANDRINA ROAD MOUNT BARKER RECONSTRUCTION – TENDER REVIEW

We have undertaken a review of the tenders received for the reconstruction of Alexandrina Road, Mount Barker. Five tenders were received by the close of tender at 5:00pm on 16 January 2007. Tenders were received from:

- Adciv Pty Ltd
- Beltrame Civil Pty Ltd
- Lorenzin Construction Pty Ltd
- M & B Civil Pty Ltd
- SEM Civil Pty Ltd

### Price

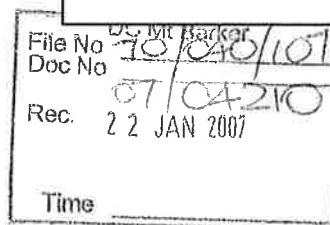
A tender breakdown was requested from each tenderer, which is inclusive of all materials, labour, Contractor's Preliminaries, on-costs, profit and exclusive of GST. This provided the cost breakdown for major components of the works. The following table shows the separate cost split for each tenderer and the Gross Tender Sums for the works.

Table 1 shows the adjusted tender prices following tender clarifications and correction of any calculated errors.

TONKIN CONSULTING  
5 Cooke Terrace  
Wayville SA 5034  
T +61 8 8273 3100  
F +61 8 8273 3110  
adelaide@tonkin.com.au

Offices also in:  
MT GAMBIER  
BERRI

www.tonkin.com.au



CIVIL INFRASTRUCTURE  
ROAD SAFETY & TRAFFIC  
ENVIRONMENTAL  
STRUCTURAL &  
BUILDING CONTROL  
WATER RESOURCES  
MECHANICAL, AUTOMOTIVE  
& ELECTRICAL  
STORMWATER MANAGEMENT  
SPATIAL INFORMATION



Telstra  
South  
Australian  
Small Business  
Awards

review table below. All five contractors are considered competent and accordingly there is little difference in their ranking.

**Table 3: Total Tender Ranking**

Contractor	Total Tender Ranking	Tender Sum (Incl. GST)
Adciv Pty Ltd	2.82 (4)	\$986,954.24
Beltrame Civil Pty Ltd	2.83 (3)	\$1,012,583.00
Lorenzin Construction Pty Ltd	2.98 (1)	\$878,900.00
M&B Civil Pty Ltd	2.19 (5)	\$1,140,672.50
SEM Civil Pty Ltd	2.87 (2)	\$975,984.13

### **Recommendation**

It is the recommendation of Tonkin Consulting that Lorenzin Construction Pty Ltd be awarded the Alexandrina Road, Mount Barker Reconstruction for the lump sum of **Eight Hundred and Seventy Eight Thousand, Nine Hundred Dollars (\$878,900.00 GST inclusive)**.

This recommendation is made on the basis that Lorenzin Construction Pty Ltd has achieved the highest Total Tender Ranking, with SEM Civil Pty Ltd second. The factors of tender sum, relevant experience, performance, capability, management and schedule of rates were all taken into consideration. This has enabled us to undertake a comprehensive review. Lorenzin has the high number unit rates of below the median from the tender assessment and were also the lowest overall tenderer.

We have attached a copy of our tender assessment. The tender assessment was completed by Michael de Heus and Anthony Flett based on experience and the tender submissions.

Please contact the undersigned if you have any queries.

Yours faithfully  
TONKIN CONSULTING



MA DE HEUS, MIEAust  
Chartered Professional Engineer

Enc Tender Assessment Spreadsheet

Table 1: Schedule of Tender Breakdowns and Gross Tender Sums

Item	Description	Adciv Pty Ltd	Beltrame Civil	Lorenzin	M&B Civil Pty Ltd	SEM
1	Preliminaries	\$22,000.00	\$18,840.00	\$68,000.00	\$23,700.00	\$31,635.28
2	Site Preparation and Earthworks	\$45,410.39	\$69,225.00	\$45,000.00	\$113,926.00	\$67,621.59
3	Stormwater Drainage	\$120,532.60	\$169,134.00	\$99,000.00	\$174,220.00	\$146,422.62
4	Concrete and Concrete Works	\$71,068.50	\$92,735.00	\$58,000.00	\$90,750.00	\$94,598.47
5	Pavement Construction	\$503,445.83	\$421,887.00	\$390,000.00	\$468,715.00	\$420,713.45
6	Footpath / Shared Path	\$72,820.00	\$51,900.00	\$58,000.00	\$102,744.00	\$69,500.10
7	Miscellaneous	\$59,566.70	\$19,580.00	\$35,000.00	\$17,920.00	\$16,766.79
8	Other (Tenderer to nominate)	\$2,387.11	\$37,229.00	\$6,000.00	\$0.00	\$0.00
	<b>Nett Cost of Works (excl GST)</b>	<b>\$897,231.13</b>	<b>\$880,530.00</b>	<b>\$759,000.00</b>	<b>\$991,975.00</b>	<b>\$847,258.30</b>
	PC Sums	-	\$40,000.00	\$40,000.00	\$45,000.00	\$40,000.00
	Nett Tender Sum (excl GST)	\$897,231.13	\$920,530.00	\$799,000.00	\$1,036,975.00	\$887,258.30
	GST	\$89,723.11	\$92,053.00	\$79,900.00	\$103,697.50	\$88,725.83
	<b>Gross Tender Sum (incl GST)</b>	<b>\$986,954.24</b>	<b>\$1,012,583.00</b>	<b>\$878,900.00</b>	<b>\$1,140,672.50</b>	<b>\$975,984.13</b>

PC Sums were required by the tender are included in the Nett Tender sum provided by all contractors (except Adciv) and include \$40,000 for Telstra service adjustments. M&B Civil included some other minor PC Sums that do not affect the overall pricing scores.



Comparing the tender breakdowns for each item it is evident that Lorenzin has a significantly high sum for Preliminaries however this is offset by the lower sums provided for a majority of other works. Lorenzin have previously advised that supervision and project management are included in the preliminaries rather than individual items.

Overall a majority of the tender sums provided by Lorenzin are significantly lower than those provided by the other tenderers resulting in their overall lower Nett Tender Sum.

The tender sums provided for Footpath / Shared Path Construction from M&B Civil were substantially high which can be attributed to their corresponding rates for these items being high. Similarly the same can be said for the Stormwater Drainage tender sum.

### **Qualifications and Clarifications**

No allowance has been made for the presence and removal of groundwater or rock by any of the contractors. Adciv has quoted additional rates of \$185/lin m for single wellpoint dewatering, \$75/linm for a single pump sump dewatering, and \$90/m<sup>3</sup> for a rock excavation in trenches. Lorenzin have advised that the cost of a small pump sump for dewatering as required in the specification can be absorbed in the tender sum.

Adciv is the only tenderer to have made a provisional allowance for the temporary support for stobie poles with all other tenderers specifically excluding this. It is hoped that the poles will be removed by ETSA during the early stages of construction.

The allowed depth of the existing bitumen surface to be removed varies for each contractor with SEM and Beltrame assuming no more than 30mm depth, Lorenzin 50mm and Adciv also including the removal of disposal of pavement off site for a thickness up to 250mm. Based on work currently being undertaken on Alexandrina Road for a separate project the thickness of the seal has been found to vary from 20mm to 50mm along the road and the pavement between 250mm and 350mm.

### **Unit Rates**

The Schedule of Unit Rates provided by each of the tenderers will be used as the basis for assessing variations (additions and deletions) of the Contract. As such, we have reviewed these rates as well as the Gross Tender Sums, as they can have a significant affect on the final cost of the project. A comparison of unit rates for several key items is included in the following table.

Individual rates were assessed against the median for each item. The ranking and corresponding points awarded in the tender review were based on the number of items each contractor had below the median.

The rates are generally consistent with current market rates.

Table 2: Comparison of Unit Rates

Item	Description	Unit	Adviv Pty Ltd	Beltrame Civil	Lorenzin	M&B Civil Pty Ltd	SEM
1	Establishment	Item	\$5,500.00	\$10,620.00	\$68,000.00	\$14,500.00	\$3,737.85
2	Setting Out / Survey	Item	\$5,500.00	\$5,720.00	-	\$6,200.00	\$6,250.18
3	Demobilisation	Item	\$5,000.00	\$2,500.00	-	\$3,000.00	\$4,773.98
4	Clearing and Disposal of Vegetation	Item	\$3,500.00	\$3,500.00	\$3,158.00	-	\$5,511.72
5	cut to fill - on site	m3	\$9.45	\$18.40	-	\$32.00	\$13.96
6	Cut to spoil - off site	m3	\$9.55	\$23.10	-	\$38.00	\$12.99
7	375mm dia Class 3	m	\$144.00	\$243.00	\$89.50	\$220.00	\$150.60
8	450mm dia Class 3	m	\$166.00	\$251.00	\$109.50	\$260.00	\$180.82
9	525mm dia Class 3	m	\$186.00	\$295.00	\$112.10	\$300.00	\$201.52
10	1900x600 DSEP	Each	\$1,790.00	\$2,830.00	\$1,728.80	\$2,100.00	\$2,035.00
11	900sq JB heavy duty lid to 1.5m depth	Each	\$2,000.00	\$2,020.00	-	\$2,300.00	\$2,010.00
12	200mm thick CTR base	m2	\$24.70	all inc	\$28.85	\$33.40	\$25.62
13	2100 x 1500mm concrete box culvert	m	\$1,657.00	\$2,080.00	\$1,396.00	\$2,374.30	\$1,629.64
14	Concrete Headwalls	Each	\$3,998.00	\$4,720.00	\$4,643.82	\$5,495.00	\$4,993.02
15	rock scour protection	m2	\$25.00	\$45.00	\$71.20	\$65.00	\$62.85
16	CCTV inspection	Item	\$1,099.00	\$1,950.00	-	\$1,800.00	\$1,893.99
17	As constructed survey and drawings	Item	\$1,099.00	\$1,620.00	-	Inc.	\$796.59
18	150mm high upright K&G	m	\$34.50	\$35.00	\$38.60	\$45.00	\$34.94
19	600mm Valley Drain	m	\$60.00	\$65.00	\$58.00	\$58.00	\$56.62
20	125mm high semi-mountable kerb	m	\$34.50	\$33.00	\$38.00	\$43.00	\$35.45
21	150mm high barrier kerb	m	\$34.50	\$35.00	\$31.00	\$43.00	\$36.42
22	140mm high median kerb	m	\$34.50	\$33.00	\$33.00	\$43.00	\$27.21
23	kerb outlets for roof drainage	Each	\$75.00	\$30.00	-	\$120.00	\$27.85
24	single kerb ramp 1500	Each	\$525.00	\$600.00	\$520.00	\$750.00	\$592.43

25	double kerb ramp 2400	Each	\$650.00	\$800.00	\$928.00	\$1,200.00	\$918.59
26	concealed concrete edge beam	m	-	\$35.00	\$25.00	\$38.00	\$40.46
27	reinforced concrete driveway invert	m	\$29.00	\$18.00	-	\$13.00	\$50.36
28	reinforced concrete driveway	m2	\$63.00	\$50.00	\$68.00	\$96.40	\$80.70
29	pattern paving at roundabout - inc base material	m2	\$110.00	\$95.00	\$75.00	\$116.40	\$125.69
30	concrete block paving to match Fletcher road	m2	\$40.97	\$35.00	\$57.60	\$58.30	\$83.56
31	Shape and compact existing subgrade and proof roll	m2	\$3.97	\$2.20	\$1.78	\$2.00	\$2.45
32	excavate to waste, backfill using approved quarry waste, compact 200mm thick	m2	\$35.00	\$26.00	-	\$22.00	\$17.40
33	excavate to waste, backfill using approved fill from site, compact 200mm thick	m2	\$25.00	\$19.00	-	\$18.00	\$12.02
34	Supply place compact and shape 80mm AC20C320 subbase	m2	\$24.00	\$22.00	\$20.60	\$23.60	\$21.17
35	Supply place compact and shape 80mm AC20C320 base	m2	\$24.00	\$22.00	\$20.60	\$23.60	\$21.18
36	Supply place compact and shape 45mm AC14MC320 base	m2	\$14.60	\$13.40	\$13.33	\$14.35	\$12.60
37	Supply place compact and shape 35mm AC10M surfacing	m2	\$12.90	\$11.80	\$11.81	\$12.70	\$11.65
38	Supply place compact and shape 165mm PM1/20 QG base	m2	\$12.90	\$18.70	-	\$15.20	\$11.13
39	Supply place compact and shape 250mm PM2/20 QG subbase	m2	\$21.00	\$16.40	-	\$21.30	\$11.67
40	Proof roll pavement layers	m2	\$0.30	Inc.	-	\$0.50	\$0.36
41	Supply, place compact and shape 150mm PM2/20 driveway crossovers	m2	\$11.30	\$22.00	-	\$24.30	\$25.74
42	Supply, place compact and shape 30mm AC10M surfacing	m2	\$9.69	\$10.40	-	\$9.60	\$9.84
43	clay block paving to match Gray Court	m2	\$40.10	\$35.00	\$75.00	\$67.60	\$53.70
44	Supply place compact and shape 100mm thick concrete shared path	m2	\$69.00	\$45.00	\$52.66	\$90.80	\$58.32
45	Supply place compact and shape 50mm dolomite unsealed path	m2	\$14.00	\$15.00	\$8.84	\$16.00	\$16.05
46	Line Marking	Item	\$5,800.00	\$3,100.00	\$4,500.00	\$2,800.00	\$3,274.38
47	Supply and install hazard boards	Item	\$1,200.00	-	\$1,506.00	Inc.	-
48	supply and install irrigation conduit for roundabout	Item	\$3,300.00	\$1,700.00	-	\$600.00	\$3,458.00
49	topsoil/garden loam	m3	-	\$85.00	-	\$75.00	\$37.86



50	new fencing at culvert	Item	\$1,920.00	\$2,160.00	-	\$2,000.00	\$2,941.20
51	lower water service - 300mm long side trenching only	Each	-	\$830.00	-	\$2,000.00	-
52	lower water service - 300mm short side trenching only	Each	-	\$350.00	-	\$2,000.00	-
53	adjust topstone - 100mm	Item	\$200.00	\$350.00	-	\$2,000.00	\$1,827.12
54	relocate street signs/parking sign	Each	\$75.00	-	-	\$150.00	-
55	Traffic Control		\$17,100.00	-	\$14,201.00	-	\$11,453.10
56	Working platform		\$11.30	\$10.90	\$8.03	\$13.20	\$7.88

Where the rate has been included elsewhere in the schedule, "Inc." has been inserted into the Schedule of Tender Breakdown table.

Lorenzin did not include unit price for the most number of items, including the CCTV Inspection and As Constructed drawings for stormwater. At our request for clarification, Lorenzin has stated that items not shown in their tender breakdown have been included with the Nett Tender Sum and will be undertaken as part of the works.

In general Adciv has a higher proportion of lower unit rates however their tender breakdown contains separate items that other tenders have included in lump sum which results in a higher overall tender sum.

M&B Civil had the highest proportion of unit rates greater than the median which is duly reflected in their highest tender sum.

On the whole whilst the rates for individual items varied, the quantities (if given) were generally reasonably similar. For major items such as the supply and laying of the deep lift pavement the variation in price between tenderers led to larger differences in the overall tender breakdown. This is illustrated when comparing the Pavement Construction breakdown sums with the highest value of \$503,445.83 from Adciv a result of the high \$86.8/m<sup>2</sup> unit rate, and the lowest sum from Lorenzin of \$390,000.00 a result of the low rate of \$74.37/m<sup>2</sup>.

The Tonkin Consulting rates used for the cost estimate were similar to the median rates provided by the contractors.

### **Previous Work Experience**

From the information supplied by the tenderers, and from Tonkin Consulting's experience, the contractors have been ranked according to previous work experience. This is reflected in the tender review points scoring.

All five contractors are considered competent and would be able to successfully complete the project. Lorenzin have good experience in land development including road works. They have also undertaken some works on major roads so would be aware of traffic management issues.

### **Project Programme**

All tenderers, except Lorenzin, made no alteration to the specified completion time in the tender of 12 weeks. Lorenzin however provided a 14 week duration over which to bring the works to practical completion in part due to the manufacture and curing time of the box culverts.

### **Capability and Management Skills**

From the information supplied by the tenderers, and from Tonkin Consulting's experience, the ability to manage the project was also considered. This is documented in the tender

PROJECT NAME	Alexandrina Road Mount Barker Reconstruction	Name of Assessor	Tonkin Consulting								
TENDER DETAIL	Road Reconstruction										
		Tender Assessment Panel Members:									
Client (if applicable) :	Mt Barker Council	M deHeus									
Other Details:		A Flett									
<b>SUBMISSION EVALUATION - MATRIX ANALYSIS</b>											
ANALYSIS CRITERIA	Weight	(P) Point Score 0 - 5 (3)					(V) Calculated Value (4)				
	W% (1)	Adciv	Beltrame	Lorenzin	M&B Civil	SEM	Adciv	Beltrame	Lorenzin	M&B Civil	SEM
1 TENDER SUM (2)	50%	2.41	2.50	3.19	1.87	2.69	1.20	1.25	1.60	0.93	1.34
2 RELEVANT EXPERIENCE Demonstration of Equivalent Scale / Complexity of Project	20%	3	3	2.5	2.5	3	0.60	0.60	0.50	0.50	0.60
3 PERFORMANCE Ability to Meet Project Program / Work Quality / Track Record	15%	3.5	3.5	3	3	3.5	0.53	0.53	0.45	0.45	0.53
4 CAPABILITY/ MANAGEMENT Skills of Key Personnel and Resource Allocation	10%	3.5	3.5	3	2.5	3	0.35	0.35	0.30	0.25	0.30
5 OTHER - Schedule of Rates	5%	2.8	2.1	2.7	1.1	2.1	0.14	0.11	0.14	0.06	0.11
<b>TOTAL</b>	100%	<b>TOTAL TENDER RANKING</b>					<b>2.82</b>	<b>2.83</b>	<b>2.98</b>	<b>2.19</b>	<b>2.87</b>
<b>Notes</b>											
(1) Variable determined by Tender Evaluation Panel (depending on nature of the project)											
(3) Ratings for each Tenderer and each Assessment Criteria											
(4) $V = W \times P / 100$											
Based on ACEA guidelines for consultant selection											
AVJ Project Management Framework											
Tender Evaluation											

