CONFIDENTIAL

Attachment 11.2

Confidential – Award of contracts and variations to construct the trade waste scheme plus associated modifications to other elements of stage 1 of Water Proofing the South (WPS1)

13 pages

Tender evaluation summary

Contract No: 10062
Contract Name: WPS Trade Waste – Pipes Pumps & Associated Works

Tenders were invited by Open Tender process.

Tenders closed at 2.00pm Tuesday 19 October 2011 at which time Six (6) tenders were received from the tenders who are listed in table 1 (below)

Table 1 – Tenders received from:

Name of Tenderer	Price (inc GST)
Power Pumps & Engineering	$625,177.63
DSM Services Pty Ltd	$728,520.10
MACA Developments (Trading as Alano Water)	$533,269.00
Leed Engineering and Construction Pty Ltd	$762,855.60
Fulton Hogan	$578,100.76
Guidera O'Conner Pty Ltd	$708,241.60

Tenders were assessed by an evaluation panel against a combination of mandatory and qualitative criteria. The evaluation panel comprised the people listed as recommended by in table 2 (below).

Table 2 – Evaluation Panel Members

Name	Position Title
Benjamin Hall	Program Leader (Water Proofing the South)
Mark Grundy	Project Officer
Carmen Wentrock	Project Engineer, Tonkin Consulting
Kathryn Kuchel	Contracts Engineer
Tim Dawson	Probity Auditor, Contracts & Tendering Services

Prior to assessing qualitative criteria, tenders were assessed against the mandatory criteria. The results are summarised in Table 3 (page 2)

Table 3 – Mandatory Criteria

Criteria	Tenderer					
	MACA Developments	**DSM Services**	**Fulton Hogan**	**Guidera O'Connor**	**Leed Engineering**	**Power Pumps**
Insurance:						
▪ Public Liability $20million	✓	✓	✓	✓	✓	✓
▪ Contract Works	✓	✓	✓	✓	✓	✓
▪ Work Cover Registration	✓	✓	✓	✓	✓	✓
▪ Motor Vehicle	✓	✓	✓	✓	✓	✓
Contractors Licence	✓	✓	✓	✓	✓	x
Occupation Health & Safety Accreditation	n/a	n/a	n/a are accredited ✓	n/a	n/a are accredited ✓	n/a
OUTCOME	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Fail**

The evaluation panel decided that Power Pumps & Engineering be excluded from further assessment on the basis they failed mandatory criteria assessment

In accordance with Clause 23 "Evaluation of Tenders" of Council's Administration Procedure 'Procurement' the remaining tenders were assessed for qualitative criteria using a weighted matrix to rank the tenderers in order of preference.

The scores for Price were automatically generated by the Tender & Contracts Management System using the formula adopted from Association Consulting Engineers Australia (ACEA) as follows:

$$S = 5 + 10 \times \frac{(\$M - \$T)}{\$M}$$

Where: S = Score (Max 10), $M = Median Price, $T = Tendered Price

Scores for the remaining criteria were allocated qualitatively by agreement of the evaluation panel using standard procedure based on scoring in the range of 0 to 10, with 5 being acceptable. A full summary of the evaluation criteria, weightings and allocated scores is provided as table 4 (page 4).

The evaluation panel also conducted a risk assessment based on the following criteria:

1. contractual compliance
2. specification compliance
3. accreditations & certifications

The results of this assessment are summarised in table 5 (page 4)

The evaluation panel selected Fulton Hogan as the preferred supplier.

Variation to Tendered Price due to expiry of tender validity period

In accordance with clause 17 of the conditions of tender, tenderers were required to hold firm their tendered price for a period of ninety (90) days. This period expired 17 January 2011. Fulton Hogan

as preferred supplier was requested by written notice dated 24 January 2011 to confirm tender pricing. Fulton Hogan responded in writing on 9 February 2011 advising an increase of an increase of five (5) % on the tendered sum to $607,005.80 (incl GST) citing generic industry price movements in particular:

1. Tubular & Hot Rolled Steel products increase of 6-7% as of 22 December 2010 with a further 6% increase expected within a further 3 months
2. Pipeline prices expected to rise 5% within next 3 months with the possibility of further increases
3. Quarry Products increase of 5% due on 1 April 2011
4. Labour – CPI increase in the order of 3%

The revised tender price from Fulton Hogan was input into the Tenders & Contracts Management System but only resulted in minor changes to the scores for price and did not change the overall result.

The evaluation panel has selected Fulton Hogan as the preferred supplier and recommends that their Tender for $607,005.80 (incl GST) be accepted

Table 4 – Evaluation Criteria, Weightings and Scores

Criteria	Weighting %	Tenderer									
		DSM Services		MACA Developments		Leed Engineering		Fulton Hogan		Guidera O'Connor	
		Score (Max 10)	Weighted Score %	Score (Max 10)	Weighted Score %	Score (Max 10)	Weighted Score %	Score (Max 10)	Weighted Score %	Score (Max 10)	Weighted Score %
Price	40	4.71	18.84	7.47	29.88	4.23	16.92	6.84	27.36	5	20.00
WPS Capability	20	7	14.00	6	12.00	5	10.00	9	18.00	9	18.00
WPS Capacity	20	6	12.00	6	12.00	5	10.00	9	18.00	7	14.00
WPS Methodology	20	2	4.00	0	0.00	7	14.00	8	16.00	8	16.00
Totals	**100**		**48.84**		**53.88**		**50.92**		**79.36**		**68.00**

(Note the results presented in this table 4 are based on the original tendered pricing and do not include the 5% increase to Fulton Hogan's price)

Table 5 – Risk Assessment Criteria

Criteria	Tenderer									
	MACA Developments		DSM Services		Fulton Hogan		Guidera O'Connor		Leed Engineering	
	Score	Risk level	Score	Risk level	Score	Risk level	Score	Risk level	Score	Risk level
Contractual Compliance	Full	LOW RISK	Full	LOW RISK	Full	LOW RISK	Most	MEDIUM RISK	Full	LOW RISK
Specification Compliance	Full	LOW RISK	Full	LOW RISK	Full	LOW RISK	Full	LOW RISK	Full	LOW RISK
Accreditations & Certifications:										
▪ Quality Assurance	Internal		AS9001		AS9001		AS9001		AS9001	
▪ Environmental Management	Internal	HIGH RISK	AS14001	LOW RISK	AS14001	MEDIUM RISK	AS14001	LOW RISK	AS14001	LOW RISK
▪ OHS&W	Internal		AS4801		AS4801		AS4801		AS4801	
▪ Risk Management	Internal		AS4360		Internal		AS4360		embraced	

C.T.S.

Global Procurement Consultants

ABN 58 791 031 312

Contracting & Tendering Services Pty Ltd.
Level 3, 170 Greenhill Road
Parkside SA 5063
Phone + 61 8 8272 9099
Fax + 8 8272 8833
email: tim.dawson@ct-services.com.au
www.contractingandtenderingservices.com.au

Mr Ben Hall
Project Leader
Water Proofing the South
City of Onkaparinga
PO Box 1
Noarlunga Centre SA 5168

2 December 2010

Dear Ben

Re: Interim Probity Report
PM 9 Willunga Trade Waste [10062 Trade Waste Pipes & Pumps]

Contracting and Tendering Services Pty Ltd (CTS) has been appointed to provide probity services to the City of Onkaparinga for the Water Proofing the South Project, encompassing the above project.

CTS' standard methodology involves confirmation of critical tasks within the following broad stages of the procurement process: (i) procurement planning; (ii) market documents; (iii) invitation & receipt; (iv) evaluation & negotiation; and (v) recommendation.

The above project has progressed part way through stage (iv) with a recommendation to be put to the General Manager, Projects and Services to commence negotiations with Fulton Hogan Pty Ltd as the preferred contractor to secure its price and terms and conditions of contract.

At this time you have requested that CTS provide probity assurance of the procurement process to date, recognising that the scope of tasks to be reviewed is not yet complete.

To date, CTS is not aware of any material fact or circumstance that has compromised the procurement process and is satisfied that the requirements for probity have been adhered to. As per the agreed methodology CTS will submit a Final Probity Report covering the full scope of tasks to be reviewed once the contract has been awarded.

Yours sincerely

T Dawson

Tim Dawson
Director
Contracting & Tendering Services Pty. Ltd.

C.T.S.

Global Procurement Consultants

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www.contractingandtenderingservices.com.au

Mr Ben Hall
Project Leader
Water Proofing the South
City of Onkaparinga
PO Box 1
Noarlunga Centre SA 5168

23 March 2011

Dear Ben

Re: Interim Probity Report
PM 9 Willunga Trade Waste [10062 Trade Waste Pipes & Pumps]

Contracting and Tendering Services Pty Ltd (CTS) has been appointed to provide probity services to the City of Onkaparinga for the Water Proofing the South Project, encompassing the above project.

CTS' standard methodology involves confirmation of critical tasks within the following broad stages of the procurement process: (i) procurement planning; (ii) market documents; (iii) invitation & receipt; (iv) evaluation & negotiation; and (v) recommendation.

On 2 December 2011 at a time when the evaluation team had finalised the evaluation of tenders CTS submitted an interim probity report to support the recommendation of Fulton Hogan Pty Ltd as the preferred tenderer.

CTS understands that a recommendation is now being presented to Council and you seek reconfirmation of the interim probity report dated 2 December 2010.

CTS confirms the original interim probity report dated 2 December 2010.

Yours sincerely

T Dawson

Tim Dawson
Director
Contracting & Tendering Services Pty. Ltd.

United Utilities Australia Pty Ltd
ACN 053 122 562
ABN 48 053 122 562
Level 10,
115 Grenfell Street
Adelaide SA 5000
Australia

Telephone 61 8 8408 6500
Facsimile 61 8 8408 6599

Mr Ben Hall
Project Leader - WPS
City of Onkaparinga
PO Box 1
NOALUNGA CENTRE SA 5168

25 Feb 2011

Dear Ben,

Following our recent discussions on the need to upgrade the Willunga WWTP aeration system to meet the ongoing STEDS influent inflows and also allow for the possible future receipt of additional Trade Waste inflows that are able to be treated by the WWTP facility; UUA has prepared a quote to upgrade the aeration system to allow for the receipt of future trade waste inflows.

Willunga WWTP Aeration Upgrade Items	Full Estimate	Quote
Preliminaries (UUA Contribution)	$ 49,994	0
Design and Engineering	$ 47,829	$ 47,829
Procurement	$ 625,806	$ 625,806
Execution of Works	$ 161,279	$ 161,279
Testing Commission and Validation	$ 21,834	$ 21,834
Project Management (1 day per wk x 16 wks)	$ 54,405	$ 54,405
Margin (~12% applied on Trade Waste Part)	$ 41,522	$ 35,522
Contingency (5% only applied)	$ 45,337	$ 45,337
Total Estimate (exclusive of GST)	$ 1,048,006	$ 992,012

Proposed Aeration Solution: Subsurface Flat Plate Aeration Diffusers Using External Blowers. The proposed system includes "Supratec" flat plate removable diffuser aeration grids supplied with compressed air by 2 duty and 1 standby 30kW blowers. The diffusers are distributed in the bottom of both the IAT and AAT tanks. Air is distributed through stainless steel piping and diffusers are removable for maintenance or replacement. This is similar to our recent Victor Harbor WWTP upgrade. Further information is included in Attachment 1.

The Aeration solution chosen has been sized to produce the maximum level of aeration that the WWTP design is able to handle. Once the characteristics of a proposed trade waste influent is known, then further assessment will be needed to determine the maximum additional loading and volumetric inflows that the upgraded system will be able to process while maintaining the production water outflows within specification.

Program Schedule
A draft program schedule for the proposed upgrade is shown in the Attachment. .The program allows for a staged installation process for each process tank to allow the plant to remain operational as far as possible during the upgrade process.

Basis of Estimate
This quote is based on a preliminary design only. The pricing has been based on the principles agreed between UUA and CoO in recent discussions and in accordance with the Project Agreement.

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Level 10,
115 Grenfell Street
Adelaide SA 5000
Australia

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It has been estimated that the STEDS component of the above costs constitutes about 64% and the provision for future Trade Waste is 36%. This is based on our assessment that the original design and implementation of the aeration system provided a Standard Oxygen Requirement of about 27.43kgO_2/h per basin. The new system proposed will provide an Actual Oxygen Requirement of about 42.5kgO_2/h per basin. Thus a UUA margin has only been applied to 36% of the estimate.

This upgrade does not consider any effect of out of specification STEDS inflows, ATT inflows or other extraneous materials. As previously discussed any new trade waste influent will be subject to a separate agreement in accordance with the Project Agreement.

The above figures do not include any provision for any change to external power coming to the site which has been initially assessed as being adequate for the proposed works.

Due to the time available to prepare this quote, no detailed assessment of operations costs has been able to be performed; however there is not expected to be any significant change from the current costs; until future trade waste influent is received. Current estimates suggest that the ongoing costs for power, repairs, maintenance, and replacements will be no greater than that for the current aeration system.

Opportunity to Value Add and Reduce Costs
UUA is very willing to conduct a value adding design review with Council staff and your advisors to review possible means to add value and importantly reduce the overall cost of this proposal. This is our normal practice however the limited timeframe has not allowed us to do this before submitting the quote. While the preliminary design and costing has been based on our Victor Harbor system there are potential areas of savings to be made including the use of alternative materials. For example the air piping cost could be reduced by using PP or PE (plastic) piping instead of stainless steel.

We look forward to working with you to progress this project as soon as possible.

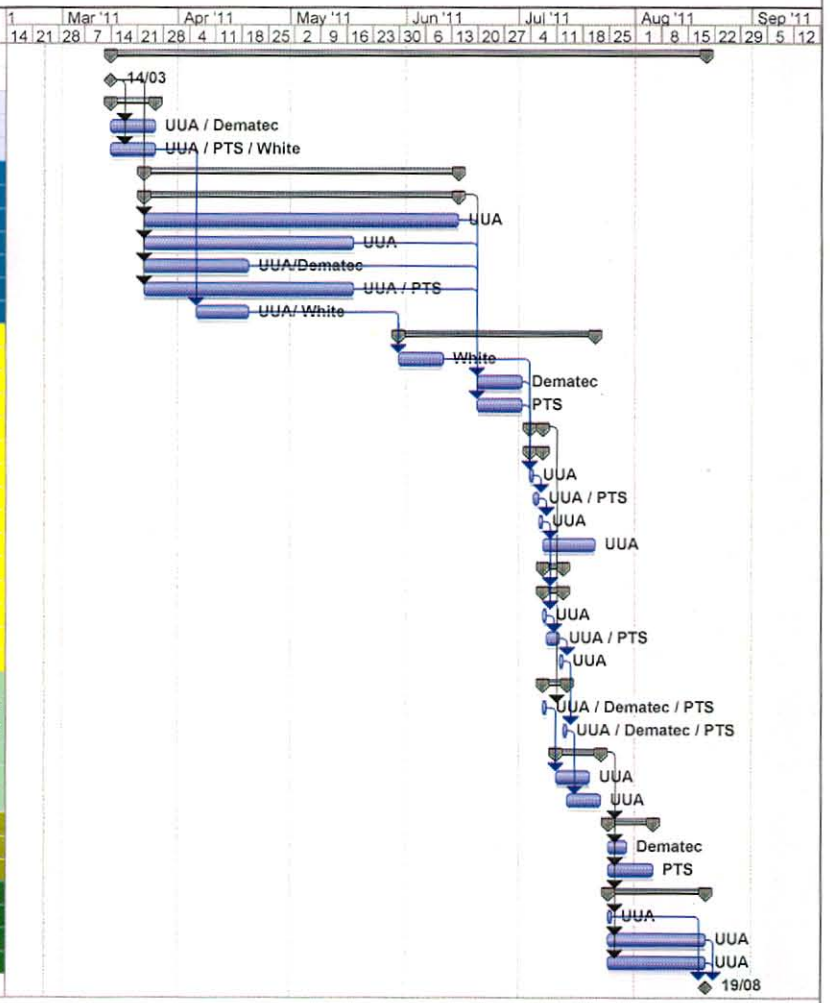
Please call me should you require further information.

Andrew Ferguson
Business Development and Proposals Manager
United Utilities Australia Pty Ltd

Attachment:
1. Draft Program

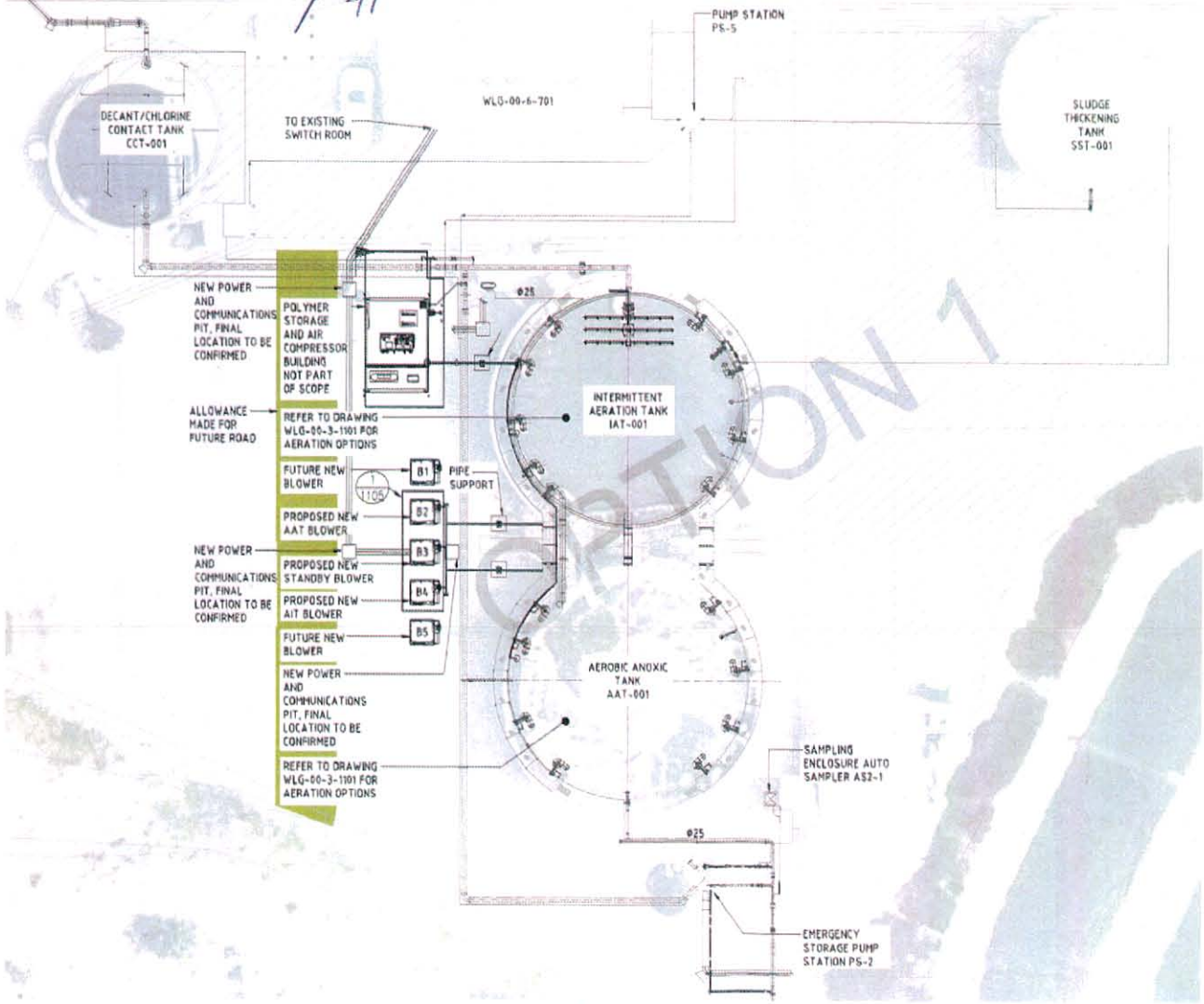
Onkaparinga Trade Waste Project
Preliminary Works Programme

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1	**Summary of Option No.1 - Disk Aeration**	**115 days**	**Mon 14/03/11**	**Fri 19/08/11**		
2	**Contract Award**	0 days	Mon 14/03/11	Mon 14/03/11		
3	**Engineering & Design**	**10 days**	**Mon 14/03/11**	**Fri 25/03/11**		
4	Electrical & Control	2 wks	Mon 14/03/11	Fri 25/03/11	2	UUA / Dematec
5	Mechanical / Structural / Civil	2 wks	Mon 14/03/11	Fri 25/03/11	2	UUA / PTS / White
6	Procurement	60 days	Wed 23/03/11	Tue 14/06/11		
7	Aeration	60 days	Wed 23/03/11	Tue 14/06/11		UUA
8	Blowers	12 wks	Wed 23/03/11	Tue 14/06/11	2FS+7 days	UUA
9	Aerstion Disks	8 wks	Wed 23/03/11	Tue 17/05/11	2FS+7 days	UUA
10	Electrical Switchgear & Hardware	4 wks	Wed 23/03/11	Tue 19/04/11	2FS+7 days	UUA/Dematec
11	Mechanical	8 wks	Wed 23/03/11	Tue 17/05/11	2FS+7 days	UUA / PTS
12	Civil - steel reinforcement	2 wks	Wed 6/04/11	Tue 19/04/11	5FS+7 days	UUA/ White
13	**Execution**	**38.5 days**	**Mon 30/05/11**	**Thu 21/07/11**		
14	Civil Works - Blower Slab	2 wks	Mon 30/05/11	Fri 10/06/11	12	White
15	Electrical	2 wks	Mon 20/06/11	Fri 1/07/11	7,10	Dematec
16	Mechanical - Stage 1 Equipment & Manifolds	2 wks	Mon 20/06/11	Fri 1/07/11	7,11,8,9	PTS
17	**IAT**	**3.5 days**	**Mon 4/07/11**	**Thu 7/07/11**		
18	**Shut-down Works**	**3.5 days**	**Mon 4/07/11**	**Thu 7/07/11**		
19	Drain & clean	1 day	Mon 4/07/11	Mon 4/07/11	14,15,16	UUA
20	Mechanical - Stage 2 Aeration Grids	12 hrs	Tue 5/07/11	Wed 6/07/11	19	UUA / PTS
21	Tank Fill Period	1 day	Wed 6/07/11	Thu 7/07/11	20	UUA
22	**Biological Stabilisation Period**	2 wks	Thu 7/07/11	Thu 21/07/11	21	UUA
23	**AAT**	**3.5 days**	**Thu 7/07/11**	**Tue 12/07/11**		
24	**Shut-down Works**	**3.5 days**	**Thu 7/07/11**	**Tue 12/07/11**	**21**	
25	Drain & clean	1 day	Thu 7/07/11	Fri 8/07/11	21	UUA
26	Mechanical - Stage 2 Aeration Grids	12 hrs	Fri 8/07/11	Mon 11/07/11	25	UUA / PTS
27	Tank Fill Period	1 day	Tue 12/07/11	Tue 12/07/11	26	UUA
28	**Testing & Commissioning**	**4.5 days**	**Thu 7/07/11**	**Wed 13/07/11**		
29	IAT	1 day	Thu 7/07/11	Fri 8/07/11	17	UUA / Dematec / PTS
30	AAT	1 day	Wed 13/07/11	Wed 13/07/11	27	UUA / Dematec / PTS
31	**7 Days Performance Trial**	**10 days**	**Mon 11/07/11**	**Fri 22/07/11**		
32	IAT	7 days	Mon 11/07/11	Tue 19/07/11	29	UUA
33	AAT	7 days	Thu 14/07/11	Fri 22/07/11	30	UUA
34	**De-commission Redundent Equipment**	**10 days**	**Mon 25/07/11**	**Fri 5/08/11**	**31**	
35	Electrical	1 wk	Mon 25/07/11	Fri 29/07/11	31	Dematec
36	Mechanical / Civil Repairs	2 wks	Mon 25/07/11	Fri 5/08/11	31	PTS
37	Handover	20 days	Mon 25/07/11	Fri 19/08/11	31	
38	Client Training	1 day	Mon 25/07/11	Mon 25/07/11	31	UUA
39	O&M Manuals	4 wks	Mon 25/07/11	Fri 19/08/11	31	UUA
40	As Built Drawings & Documentation	4 wks	Mon 25/07/11	Fri 19/08/11	31	UUA
41	**Final Completion**	0 days	Fri 19/08/11	Fri 19/08/11	38,39,40	



Project: ONK Trade Waste - Option No
Date: Thu 24/02/11

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone



PART SITE PLAN
SCALE NTS

GENERAL NOTES

1. READ THESE NOTES IN CONJUNCTION WITH SPECIFIC NOTES ON DRAWINGS AND THE SPECIFICATIONS.
2. REPORT ANY DISCREPANCY TO UUA FOR DIRECTION BEFORE PROCEEDING.
3. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS.
4. ALL DISSIMILAR METALS SHALL BE ISOLATED WITH A NON CONDUCTIVE MATERIAL.

CONCRETE

1. COMPLY WITH AS3600 - SAA CONCRETE STRUCTURES CODE.
2. OBTAIN CONCRETE FROM AN APPROVED READY - MIXED CONCRETE SUPPLIER. FC = 40MPa.
3. CONCRETE REINFORCEMENT SHALL BE DESIGNED VIA THE SUB CONTRACTOR, DRAWINGS ARE TO BE PROVIDED FOR CHECKING AND AT AS-BUILT STAGE.
4. SURFACE FINISHES:
   UNFORMED INTERIOR SURFACES HAVE STEEL TROWEL FINISH.

REV	DESCRIPTION	DRAWN	CHECK	APP'D	DATE
A	PRELIMINARY, OPTION 1 - BLOWER AERATION	BW	AB	AB	24.02.11

UNITED UTILITIES AUSTRALIA PTY LTD
LEVEL 10, 115 GRENFELL STREET
ADELAIDE SA 5000
AUSTRALIA
TELEPHONE +61 8 8408 6500
FACSIMILE +61 8 8408 6599

DATE 05.10.10	SCALE AS SHOWN
DESIGNED AB	DRAWN BW
CHECKED AB	APPROVED AB
AutoCAD FILENAME WLG-00-3-1100.dwg	

WILLUNGA WASTE WATER TREATMENT PLANT

PART SITE PLAN
IAT & AAT TANK
AERATION SYSTEM

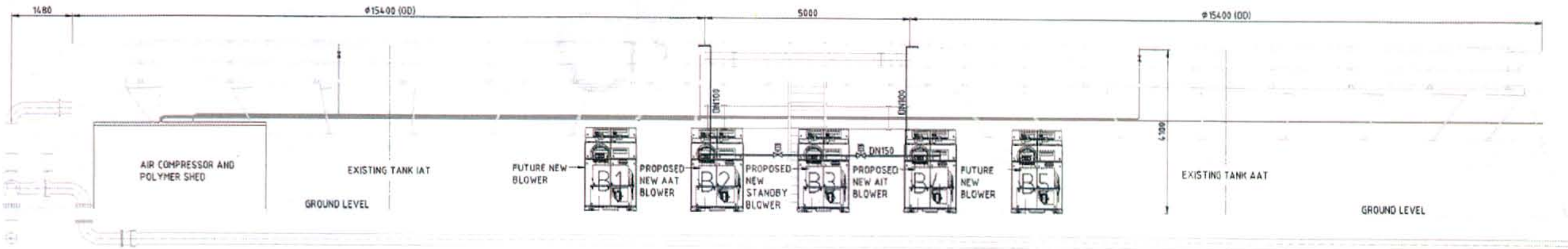
DRAWING No. WLG-00-3-1100 REV A

SHEET 1 OF 1 A1

\\uua-bes\data\CAD\1 - Project Records\Onepanga WWTP\Willunga WWTP\3 - UUA CAD\3.3 - Civil, Pipelines, Hydraulics\CAD\2 - Master Dwgs\WLG-00-3-1100.dwg

UNCONTROLLED 25/2/11

TANK ELEVATION PHOTO
SCALE NTS



SECTION A / 1000
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SCALE 1:50 AT ORIGINAL SIZE

REV.	DESCRIPTION	DRAWN	CHECK	APP'D	DATE
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UNITED UTILITIES AUSTRALIA PTY LTD
LEVEL 10, 115 GRENFELL STREET
ADELAIDE SA 5000
AUSTRALIA
TELEPHONE +61 8 8408 6500
FACSIMILE +61 8 8409 6599

DATE 16.02.11	SCALE AS SHOWN
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CHECKED AB	APPROVED AB
AutoCAD FILENAME WLG-00-3-1103.dwg	

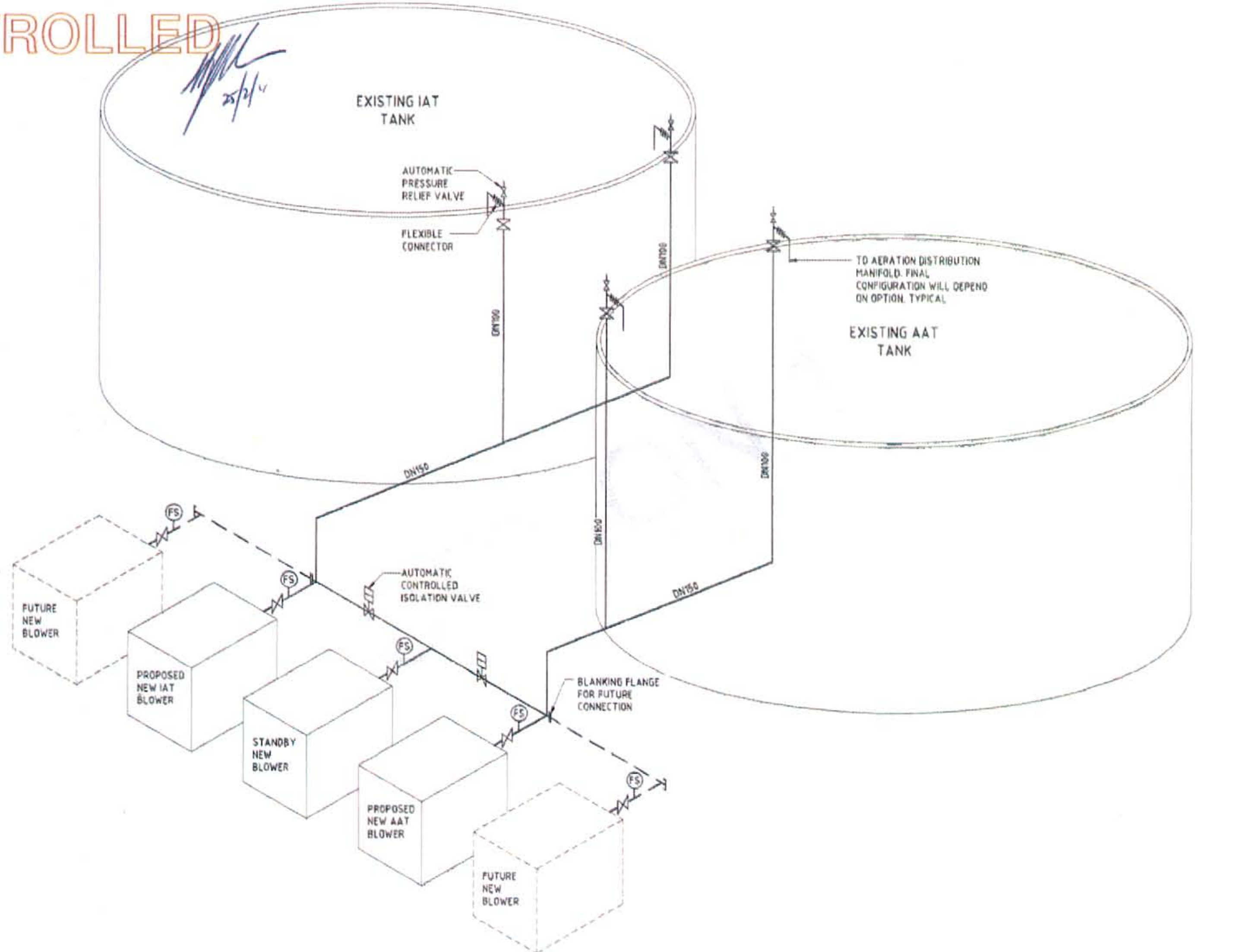
WILLUNGA WASTE WATER TREATMENT PLANT

ISOMETRIC & TANK ELEVATION DETAILS
AAT AND IAT TANK AERATION

DRAWING No. WLG-00-3-1103 REV A

SHEET 1 OF 1 A1

\\uua-bes\data\CAD\1 - Project Records\Onkaparinga WWTP\Willunga WWTP\3 - UUA CAD\3.13 - Civil, Pipelines, Hydraulics\CAD\2 - Master DWG\WLG-00-3-1103.dwg



ISOMETRIC PIPING LAYOUT OF PROPOSED TANK AERATION SYSTEM

SCALE NTS

NOTE:-

1. PRELIMINARY ISOMETRIC LAYOUT BASED ON OPTION 1 AERATION LAYOUT.

REV	DESCRIPTION	DRAWN	CHECK	APP'D	DATE
A	PRELIMINARY: OPTION 1 - BLOWER AERATION	BW	AB	AB	24.02.11

UNITED UTILITIES AUSTRALIA PTY LTD
LEVEL 10, 115 GRENFELL STREET
ADELAIDE SA 5000
AUSTRALIA
TELEPHONE +61 8 8408 4500
FACSIMILE +61 8 8408 6599

DATE	SCALE
16.02.11	AS SHOWN
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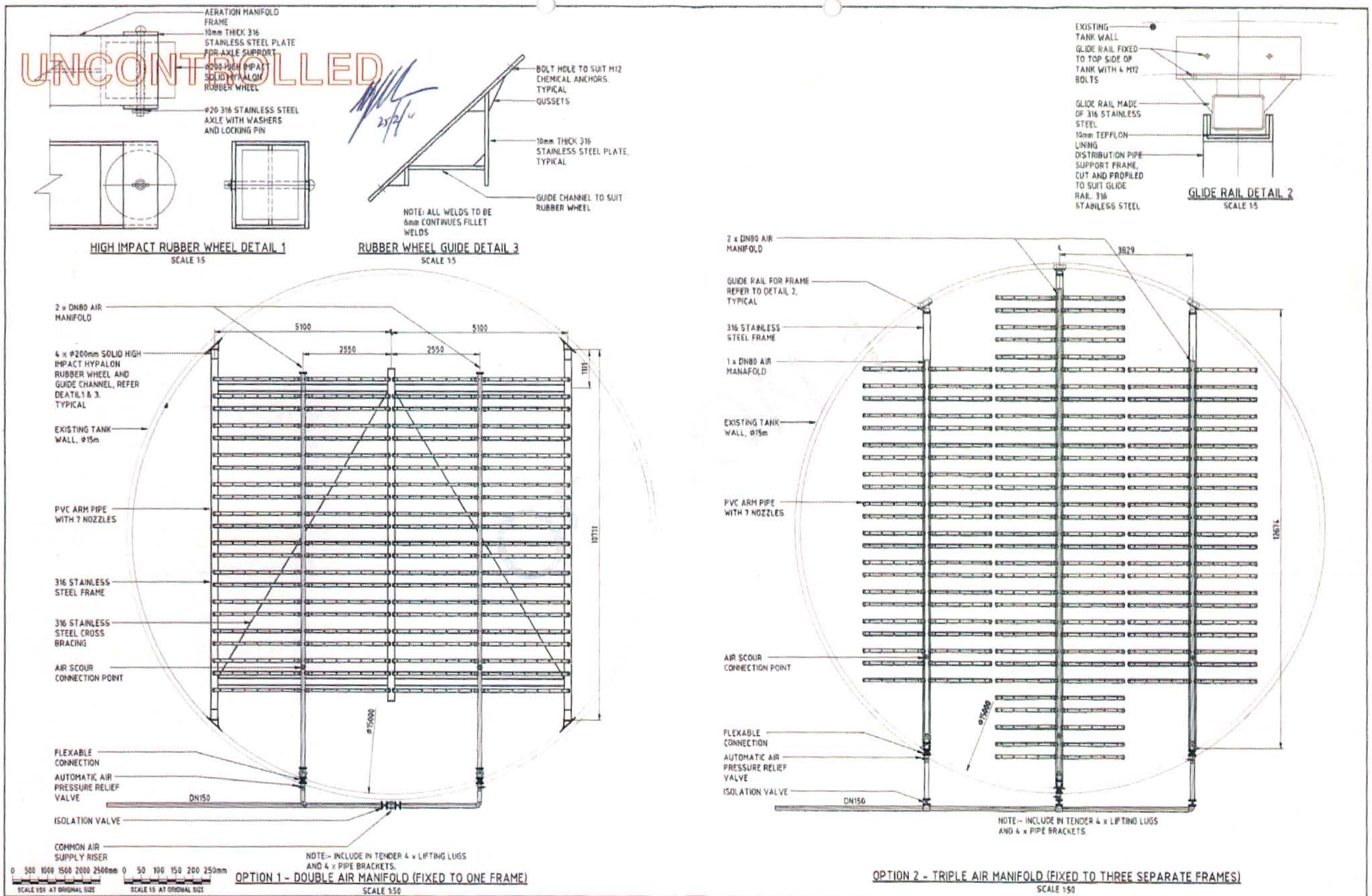
CHECKED AB	APPROVED AB
AutoCAD FILENAME WLG-00-3-1104_Opt1.dwg	

WILLUNGA WASTE WATER TREATMENT PLANT

ISOMETRIC PIPING LAYOUT
AAT AND IAT TANK AERATION

DRAWING No	REV
WLG-00-3-1104	A
SHEET 1 OF 1	A1

\\uua-bns\data\CAD\1 - Project Records\Enkaprings WWTP\Willunga WWTP\3 - UUA CAD\3.13 - Civil, Pipelines, Hydraulics\CAD\2 - Master DWG\WLG-00-3-1104_Opt1.dwg



REV.	DESCRIPTION	DRAWN	CHECK	APP'D	DATE
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UNITED UTILITIES AUSTRALIA PTY LTD

LEVEL 10, 115 GRENFELL STREET
ADELAIDE SA 5000
AUSTRALIA
TELEPHONE +61 8 8408 6500
FACSIMILE +61 8 8409 6593

DATE	SCALE
05.10.10	AS SHOWN
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CHECKED AB	APPROVED AB
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WILLUNGA WASTE WATER TREATMENT PLANT

AERATION OPTIONS FOR IAT & AAT TANK

DRAWING No. WLG-00-3-1101 REV A

SHEET 1 OF 1 A1

\\uua-bes\data1\CAD\1 - Project Records\Onkaparinga WWTP\Willunga WWTP\3 - UUA CAD\3.13 - Civil, Pipelines, Hydraulics\CAD\2 - Master DWG\WLG-00-3-1101.dwg