11.2 Tender - Waste Water Treatment Plants Upgrade

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File Reference Tenders & Quotations, Ballina Sewage Treatment

Plant, Lennox Head Sewage Treatment Plant

CSP Linkage Responsible and efficient use of resources

Delivery Program Sewer Services

Objective To report to council on the Tender to Design and

Construct a new Waste Water Treatment Plant at Ballina, and a Recycled Water Plant at Lennox Head

WWTP

Background

In 2000, Council commenced a process to develop the Ballina Shire Urban Water Management Strategy (UWMS). The purpose of the Strategy was to establish the long-term direction for policies and infrastructure related to integrated urban water cycle planning for Ballina Shire. Council endorsed the UWMS in September 2003.

Following this the Ballina / Lennox Head Recycled Water Master Plan was adopted by Council in September 2007. The Master Plan includes a commitment to provide urban dual reticulation (UDR) to all new major subdivisions in Ballina and Lennox Head. The Master Plan targets 80% dry weather re-use of treated wastewater from the Ballina and Lennox Head Waste Water Treatment Plants by the year 2026. This is to be achieved by providing UDR to an estimated 7,242 new lots. The recycled water, subject to final Council approval, will be used for garden watering, toilet flushing, car washing and the cold tap of washing machines.

In addition to the Urban Dual Reticulation (UDR), Urban Open Space (UOS) irrigation will be expanded to some 173 ha including playing fields, parks/gardens and the Ballina Golf Club, and 160 hectares of Vegetation Regeneration (VR) is proposed in order to meet the 80% reuse target.

The 2026 dry season water balance in the Master Plan 2026 is as follows:

Urban Dual Reticulation (UDR) 24% Urban Open Space (UOS) 29% Vegetation Regeneration (VR) 27% Discharge to ocean 9% Discharge to estuary 11%

UDR re-use is considered to have the highest value of the three streams nominated in the Master Plan, as it directly replaces potable water use and supplements Rous's water supply.

At the October 2009 Council Meeting a report was presented to Council regarding the procurement strategy and the proposed technology fro the replacement of the Ballina WWTP and the construction of the Lennox Head Recycled Water Plant.

At that meeting a Design and Construct (D&C) procurement methodology was endorsed for a Membrane Bio-Reactor type WWTP at Ballina. Micro or Ultra filtration is proposed for Lennox Head RWP with the details to be determined during the design and construct stage.

Subsequent to these decisions an Expressions of Interest (EOI) and an Early Tender Involvement (ETI) phase was conducted with the development of suitable documentation to allow the tender process to proceed in a timely manner.

Twelve submissions were received during the EOI and a panel of four were selected to be involved in the ETI process. The four selected were:

- Haslin Construction Pty Ltd
- John Holland Pty Ltd
- · EGL Infrastructure Pty Ltd
- · Tenix Australia Pty Ltd

Selective tenders were sent out to the ETI participants on 6 August 2010 closing on the 8 October 2010.

The development application process has been running in parallel with the EOI, ETI and tender phases. A part five application was lodged with Council's Development Services and a conditioned approval was granted at the October 2010 Council Meeting.

The report that now follows details the outcomes from the tender process.

Key Issues

- Award the tender in accordance with the Local Government (General) Regulations (2005)
- Engage suitably qualified and experienced contractors that having regard to the circumstances provides the most advantageous tender.

Information

Selective tenders were called following the EOI and ETI phases on the 6 August closing on 7 October 2010. The following information is a summary of the tender assessment process.

Tenders Received

Tenders were called on 06 August 2010 and closed at 9.30 am on 07 October 2010. Four tenders were received as follows:

Tenderer	A.B.N.	Tender Amount 4	Assessed Tender Amount	Total Score ²	Recommended Tender Amount
Haslin Constructions P/L	85 051 102 124	\$45,007,464	\$55,631,551	98.31	\$45,437,315
John Holland P/L	11 004 282 268	\$50,549,644	*Minimum \$61,986,752	91.65	
UGL Infrastructure P/L	96 096 365 972	\$49,319,234	*Minimum \$62,824,677	87.42	
Tenix Australia P/L	65 075 194 857	\$36,336,911	Non-conforming	N/A	

Notes:

- The 'Assessed Tender Amount' is the Tender Amount plus (or minus) the Assessed Values of qualifications and departures (anomalies) in the tender, any loadings that apply, including NPV. *Also refer Section 4.3.
- 2. The 'Total Score' includes the scores for price and non-price criteria.
- The 'Recommended Tender Amount' is the Tender Amount plus (or minus) adjustments offered by the Preferred Tenderer to withdraw qualifications and departures plus the accepted options – Refer to Section 5.1.
- Tender Amount is the submitted price for the whole of the works.

Examination of the Tenders

Pre-Evaluation Actions and Background

The tendering process was required to comply with the Local Government (General) Regulation 2005 (the Regulation).

Council decided to call tenders from contractors shortlisted following an Expressions of Interest process, in accordance with clause 168 of the Regulation.

The evaluation method included weighted price and non-price criteria with a price: non-price ratio of 85:15. A two envelope system was adopted, that is, where price information was held by an independent officer and not provided to the Tender Evaluation Committee (TEC) until the evaluation of non-price criteria was completed.

Tenderers submitted an overall price for the whole of the works made up as follows:

- New Ballina WWTP (Milestone 1)
- Decommission and demolish old Ballina WWTP (Milestone 2)
- Lennox Head Recycled Water Plant (RWP) (Milestone 3)
- Ballina WWTP Sludge Dewatering Facility (Milestone 4)
- Schedule of Rate Items for removal of sludge and placement of topsoil.

Tenderers also submitted a compulsory separable price for a Bio-solids Dryer (Solar dryer).

Tenderers were required to submit four Mandatory Alternative Tenders as follows:

No.	Mandatory Alternative Tender	Tender Evaluation Methodology
1	Whole of Works plus Biosolids Solar Dryer	Considered if viable over 20 year life cycle
2	Whole of Works less decommissioning and demolition of old Ballina WWTP (Milestone 2)	Considered if price for whole of works exceed Councils Budget
3	Whole of Works less Lennox Head RWP (Milestone 3)	Considered if price for whole of works exceed Councils Budget
4	Whole of Works less decommissioning and demolition of old Ballina WWTP and Lennox Head RWP (Milestones 2 and 3)	Considered if price for whole of works exceed Councils Budget

A Tender Evaluation Plan (TEP) consistent with the *Regulation* and the Conditions of Tendering in the RFT documents was prepared and endorsed by the Tender Evaluation Committee prior to close of tenders. The TEP allowed for consideration of Alternative Tenders in view of Councils Budget.

Six addenda were issued during the tender period. They included additional information and drawings, and clarifications of items within the tender document without changing the scope of the works. Therefore the pre-tender estimate was not revised.

Initial Evaluation

All tenders were received prior to the closing time. All tenders acknowledged the six addenda that were issued.

Except for the issue identified in the Evaluation of Non-price Criteria below, and the qualifications and departures dealt with in Evaluation of Price, all tenders met the requirements of the RFT documents in respect to submission. As discussed below the tender from Tenix was not sufficiently conforming to be considered after significant departures were identified.

Non-Price Criteria

The information submitted by the tenderers was evaluated against the specified non-price criteria, in accordance with the Tender Evaluation Plan.

The total non-price scores are summarised below.

Tenderer	Total normalized non-price score	Rank
Haslin Constructions P/L	13.31	2
John Holland P/L	15.00	1
UGL Infrastructure P/L	11.88	3
Tenix Australia P/L	10.59	Non-conforming

During the course of the non-price assessment it became evident that the tender of Tenix Australia P/L departed significantly from the requirements of the specification, and therefore scored low in the assessment.

The TEC unanimously determined in accordance with the TEP that the tender of Tenix Australia P/L was not sufficiently conforming (Section 3.4 Tendering Guidelines for NSW Local Government) and did not meet the minimum requirements of the Request for Tender, and was subsequently passed over.

Evaluation of Price

The amounts tendered for the Whole of the Works and Alternative Tenders are summarised in the table below.

Item	Description	Amount Tendered							
		Tenix \$	UGL \$	John Holland \$	Haslin \$				
Α	Whole of Works	36,336,911	49,319,234	50,549,644	45,007,464				
В	Biosolids Solar Dryer	*	Included above	475,469	412,534				

Tender - Wastewater Treatment Plants Upgrade

Item	Description	Amount Tendered							
	vision and account and account	Tenix \$	UGL \$	John Holland \$	Haslin \$				
С	Mandatory Alternative Tender 1 - Whole of Works plus Biosolids Dryer	1.2	49,319,234	51,025,113	45,419,998				
D	Mandatory Alternative Tender No.2 - Whole of Works less decommissioning and demolition of existing Ballina Wastewater Treatment Plant		48,482,375	49,267,296	44,202,972				
Е	Mandatory Alternative Tender No.3 - Whole of Works less Lennox Head RWP	*	40,399,922	41,889,909	36,590,230				
F	Mandatory Alternative Tender No.4 - Whole of Works less decommissioning and demolition of existing Ballina Wastewater Treatment Plant and Lennox Head RWP	i le	39,844,463	41,041,470	36,299,280				
G	NPV Values	15	13,505,443	11,437,108	10,578,847				

The tender of UGL Infrastructure P/L did not include the schedule of rate items in the total provided on the Tender Form. These amounts have been included in the Tendered Amount above.

The tender of UGL Infrastructure P/L included a biosolids solar dryer as standard within their base tender, therefore did not provide a separate price within the mandatory alternative schedule for this item.

Item 4.1 - Assessment of Mandatory Alternative Tenders

The viability of Mandatory Alternative 1, the Biosolids Solar Dryer, was determined by comparing the difference between the 20-year Life Cycle Cost of the inclusion of the alternative compared to its exclusion.

The significant life operational cost associated with the assessment is the transport cost for removal of the dried sludge.

As these are comparatively very low for Ballina Shire Council, Council staff have concluded that the inclusion of the solar dryer was not viable, no further consideration of the option to include the solar drier was conducted.

It is noted that this decision did not affect the relativity of the tenders.

As the Tendered Amount of all tenderers was within Council's budget, the Assessed Tender Amount shall be based on the 'whole of works' in accordance with the TEP. The remainder of the mandatory alternative tenders were therefore not considered in terms of selecting a preferred tender.

The option to award the tender based on one of the alternatives remains open to Council

Item 4.2 - Examination of Tendered Amounts and Rates

The amounts tendered in the Prices Schedule were compared with the pretender estimate (see Appendix A). The total tender amounts are relatively consistent with the pre-tender estimate. The comparison revealed significant differences in some of the individual line items (eg: all other items not included elsewhere), however as this schedule is for a guide for payment purposes, these variances are not of concern.

The rates tendered in the Schedule of Rates were also compared with the pre-tender estimate. The comparison revealed no differences of concern.

A sensitivity analysis confirmed that the relativity of tenders is not affected by changes in the scheduled quantities, within the expected range.

Item 4.3 - Assessment of Qualifications and Departures

Each of the tenders contained qualifications and departures (anomalies) and did not fully meet the requirements in the RFT Documents. Clause 178 of the *Regulation* requires Council to accept the most advantageous tender. In order to identify which tender was 'most advantageous' for the specified work, the qualifications and departures were assessed and added to the original Tender Amounts.

The qualifications and departures of Haslin Constructions P/L were mainly of a technical nature, typical relating to the equipment to be supplied. These were noted for information purposes and were technically conforming as noted in the Qualifications and Departures Tables.

The tenders of John Holland P/L and UGL Infrastructure P/L contained thirty-two and two hundred and forty qualifications and departures respectively.

These were reviewed, however the TEC determined that there was no reason to fully assess the financial value of these qualifications and departures as it would only increase the value of their assessed tender amount, and would not change the relativity of the tenderers. The qualifications and departures did not raise issues that would affect the other tenders.

The qualifications of John Holland P/L have been noted for information in the Qualifications and Departures Tables. The Qualifications and Departures from UGL did not identify any commercial risk or problem with the tender document.

The TEC determined to continue the assessment based on a Minimum Assessed Tender Amount for the tenders of John Holland P/L and UGL Infrastructure P/L.

Item 4.4 - Determination of Loadings

Council has not adopted a local preference policy for its procurement activities, and no other loadings were applicable to any of the tenders.

Item 4.5 - Normalised Price Scores

The tenders were compared on the basis of the Assessed Tender Amounts, calculated by adding the NPV values (calculated by the Tenderers themselves) and the assessed values of qualifications and departures to the original Tender Amounts for the Whole of the Works.

The Assessed Tender Amounts were used to calculate the weighted and normalised price scores using the method set out in the Tender Evaluation Plan. The price scores are summarised below.

Tenderer	Weighted price score	Ranking
Haslin Constructions P/L	85.00	1
John Holland P/L	76.65	2
UGL Infrastructure P/L	75.54	3

Selection of the Most Advantageous Tender

Total scores were obtained for each of the three tenders by adding the normalised total non-price score and weighted price score. The total scores are summarised below.

Tenderer	Total normalized non-price score	Weighted price score	Total score	Ranking
Haslin Constructions P/L	13.31	85.00	98.31	1
John Holland P/L	15.00	76.65	91.65	2
UGL Infrastructure P/L	11.88	75.54	87.42	3

The tenderer with the highest total score was Haslin Constructions P/L and was therefore identified as the most advantageous.

Haslin Constructions P/L's Adjusted Tender Amount is 8.0% below the pretender estimate which is considered reasonable.

Item 5.1 - Post Tender Discussions and Additions and Deductions

After the identification of the most advantageous tenderer, a detailed technical review of the concept report and technical schedules was completed to identify any outstanding issues with the tender of Haslin Constructions P/L.

The tender of Haslin Constructions P/L also included a number of options for Council to consider. These options included upgrades of equipment, the provision of standby equipment, the removal of potentially unnecessary equipment, and are considered improvements to the works.

Council acceptance of some of the options plus an agreed payment to Haslin for extended tender validity results in a Recommended Tender Amount of \$45,437,315. This is detailed at Appendix B, and is summarized as follows:

 Tender Amount – Whole of Works
 =
 \$45,007,464

 Extended Tender Validity
 =
 \$24,200

 Additions from Accepted Options
 =
 \$579,771

 Deductions from Accepted Options
 =
 (\$174,120)

 Total
 \$45,437,315

Haslin Constructions P/L has confirmed their agreement to the Recommended Tender Amount, and has confirmed the validity of their tender until close of business (COB) Monday 28 February 2011.

Tenderer's Capability

Referee reports indicate satisfactory past performance by Haslin Constructions Pty Ltd on recent contracts.

A financial assessment by Kingsway Financial Assessments Pty Ltd is currently being completed on Haslin Constructions P/L.

Haslin Constructions P/L has OHS and Environmental Management Systems accredited by the NSW Government, and has demonstrated satisfactory Occupational Health and Safety management and satisfactory environmental management on previous projects. This is recorded in the completed Checklist for Reviewing Tenderer's OHS Management Performance and the completed Checklist for Reviewing Tenderer's Environmental Management Performance.

The resources proposed for the work have been reviewed and the Tender Evaluation Committee considers Haslin Constructions P/L capable of completing the contract satisfactorily.

Sustainability Considerations

Environment

Upgrade of the Ballina VWVTP and provision of a Recycled Water Plant at Lennox Head will reduce the load on the environment whilst reducing the demand for potable water to those properties served by the recycled water infrastructure.

Social

Upgrades to critical infrastructure assist Council to achieve social benefits and public health outcomes.

Economic

The economic benefits of the contract include stimulus to the economy during the construction stage of the project.

Legal / Resource / Financial Implications

This report is provided to assist Council to meet its statutory requirements in regard to procurement.

As indicated, these works form some of the key components for the delivery of the UWMS. The facility at Ballina is at capacity and significant inflows from West and North Ballina are currently diverted to Lennox Head for treatment.

Furthermore, Council is not able to commence the supply of dual reticulation services without this upgrade.

In addition to this program of works, provision has been made for project management of the construction works. This has been provided for in the program budget and suitable staff to resource our requirements are currently being sought (two engineering staff to be employed on two year fixed term contracts).

In preparing the tender specification, attempts were made to identify separable portions of work that could allow deferral if the total capital expense was not the preference of Council at this time. These options are discussed below.

The first option relates to the decommissioning and demolition of the existing Ballina WWTP. This would avoid a cost now (using the Haslin tendered amounts) of \$804,492. Whilst it is preferable to complete this task now satisfactory operation arrangements can be made if the work was deferred. Given site re-establishment, supervision and other costs it is reasonable to expect that deferral would increase the cost of this activity.

The second option relates to works at Lennox Head. The tender value for these works is \$8,417,234. This is a substantial project in itself and therefore the economies of scale for site establishment and deferral are not as significant.

The impact of not doing the work is to delay the provision of recycled water to the dual reticulation service. If that delay is acceptable to the Council, the main consideration is price inflation versus loan interest costs. This is difficult to predict, although it is fair to say that interest costs are relatively low at this time and further the construction market is relatively competitive at the moment and favourable to the Council.

As indicated in this report, the tender outcomes are consistent with the planned expenditure for this work and the financial implications for this project are discussed as follows.

One of the models presented to the Finance Workshop held in November 2010 indicated that the key factor, amongst several, to managing the impact on sewer charges going forward was the retention of an operating surplus and a gradual draw done on reserves. This objective can be achieved and was relatively insensitive to the extent of capital works proposed in the earlier separable portions.

A further Finance Committee meeting is scheduled for February 2011 where it is intended to confirm the financial planning strategy for Council's Sewer Operations. Council had approximately \$16 million available in Sewer Reserves and Section 64 contributions available as at 1 July 2010 to assist in funding this work.

Approximately \$7.5 million of the \$16 million represents funding from an interest free loan provided by the NSW State Government.

As per earlier reports to Council and as discussed at the workshop held in November 2010 it will be necessary to finance a major component of this works program from loan funds. The loan borrowings required for the total program are estimated at approximately \$70 million.

Council has not yet secured this entire level of loan funding from a financial institution and it is intended to call expressions of interest during the next three months to secure a portion of these funds.

As advised to Council at the November 2010 workshop there have been instances (i.e. Tweed Council) where councils have not received any response to expressions of interest for loans. Therefore there is a risk that Council could approve a tender and then not be in a position to secure loan funds.

Overall this is considered to be a relatively low risk for the following reasons:

- Councils who have not been successful in obtaining loan funding have typically already had significant loan indebtedness
- . Ballina Council is not in that position as we have a low overall level of debt
- The financial strategy for sewer operations endorsed at the November 2010 workshop was based on using a combination of loans and a gradual drawdown of reserves. This means that Council will be able to spread out its loan borrowings over the life of the contract, rather than having to borrow substantial funds up front
- Access to loan funds continues to improve as the world economy makes a slow economic recovery
- Discussions by staff with financial institutions indicates there is interest in responding to an expression of interest
- The works in this tender represent approximately \$45 million out of a total program estimated at approximately \$75m to \$80m and a large component of the remaining works relate to the components that can be deferred (i.e. open space reuse, vegetation regeneration).
- This tender will take at least two years to implement which provides time for Council to continually review its financing options.

On this basis it is considered that Council can be confident that loan funds will be available for the tender, as and when required.

Consultation

A public tender process was conducted.

Options

- Under the Local Government (General) Regulations 2005 Council must either accept the tender that appears to be most advantageous or decline to accept any of the tenders.
- The tender of Haslin Construction Pty Ltd has been assessed as most advantageous to Council, and as such Council has the option of accepting Haslin's tender for the works including:
 - The new Ballina WWTP (Milestone 1)
 - Decommissioning and demolition of the old Ballina WWTP (Milestone 2)
 - The new Lennox Head Recycled Water Plant (Milestone 3)
 - The schedule of rates items for removal of sludge and placement of topsoil.

This recommendation is made on the basis that the works have been programmed for some time and are considered to be essential infrastructure. The current treatment plant servicing Ballina is operating at capacity and significant flows from north and west Ballina are currently being diverted to Lennox Head WWTP for processing. The UWMS has been endorsed by Council on numerous occasions and the construction of both the Ballina WWTP and Lennox Head RWP are crucial to allowing the delivery of the objectives of that program.

As discussed in the above report, Council may also opt to only commission components of this work. Given the delay in providing services and additional costs this is not recommended.

The recommendation that follows is to accept this tender. It is also recommended that Council hold a further workshop to discuss the scope of works in this project which will further assist in Council's understanding of the depth of the works involved in what is a total estimated expenditure of \$45 million.

RECOMMENDATIONS

- That the tender submitted by Tenix Australia P/L be passed over as not meeting the minimum requirements; and
- That Council accepts the tender being RFT / Contract Number 0902774
 being for Design and construction of MBR WWTP at Ballina and
 submitted by Haslin Constructions P/L for the Recommended Tender
 Amount of \$45,437,315.00 including GSt, for Contract No. 0902774 for
 the Ballina WWTP Upgrade subject to finance.
- That Council authorises the General Manager to sign the contracts and attach the Council seal to the documents.
- 4. That a workshop be convened to present to Council information regarding the risk management approach prepared for this project and to examine any questions regarding the design and scope of works.

Attachment(s)

- Appendix A. Itemised tender amounts as against estimates (separate A3 attachment provided)
- Appendix B. Revised cost of Haslin tender including inclusions and exclusions

Attachment A

A BALLINA WASTEWATER TREATMENT PLANT	INCL 981	uer	JOHN HOLLAND	HASLIN	
1 General (Mileniane II)					
1.1 All well and obligation under the Control for Milaton 1 NOT	757				
PACLETED CLSEWHERE in this Schools. 1.3 Compliance with Businessamul Management Plan, Six Specific	\$		1 6,98,230,00 \$	6,881,1103	
Sales and Onelly Assurance systems.	5	18.967.00	E 207,784,00 E	2000	
1.2 Six cashlishment		\$13,699,00		138,361.6	
1.4 Environmental protection multipholdiness and exotics compot.	5	74,017,00	1 162,383.00 \$	19,800.6	
1.5 All components works securately for construction of the sussituater					
resument plant paperentation and maintaining costs and operation of the terramon plant throughout the contraction period.			d 207,789,00 \$		
1.6 Site diarestabilishment.		36,618,00		15,400	
TOTAL FOR ITEM IS	880,080 4	486,552,00	E.S. Lindon State States	T/098/891.0	
3 CONCEPT DESIGN FINALISATION (Milestone I)	1.75				
2-1 provision of Concept Designs for Bullion WVTP		266,073,00	1 890,027.00 5	154,617)	
TOTAL FOR ITEM 1;	190,000 5	296,075,00	8 890,629.00 \$	234,9672	
J BETAIL DESIGN (Hillstone II)					
3.1 Engagement of a Level 1, 3 and 3 service provider to design the					
power requirements for the WVTP site resided for the appendic works with allowance his flature leads.		10,400,00	1 (1,021.0) 1	29,879	
3.2 Civil and streetmed design	5	1,045,082.00		351,890.	
3.3 Process design	3	413,375.00	1 + 5	330,890	
3.4 Draigs of mediacinal lices	5	674.919.00	5 - 1	920,385	
15 Westrick during, per manufacturing activities and electrical	120	444		4030	
schressen 3.6 Toloscoy dougs and documentation and submission.		362,784.00	1 307,542.00 S 1 3,996.00 E		
	3	97,403.00		121,284	
3.5 Dasign review recession 3.5 HAZOR & CHAR Wookshop		97,483.00	. 6	36384	
3.5 Any Chaign Harms and Wild above	5	27/465/280	1 1	344	
TOTAL FOR ITEM 2:	730,800 4	2.735.615.00	The same of the same	1,137,545	
4 CONSTRUCTION CIVIL (Militates t)					
 Inter works building pipewish and Strings, natabook and all civil works. 	5	1,188,412.00	\$ 1,045,485.00 B	717,990	
4.2 Odos: control facilities at the infet werts including decreated and self-described in their		197,912.00	1 94,007,00 E	130,730	
4.7 Demonstroe, a seeks and seeking tanks, including pipework and				2,141,861	
Fittings, retectioncess characters and pile 4,4 Meetic are tested including piperwisk, flore distribution charact and				53913941	
entislandos	. 5	4,125,019.00	E 687,440.00 S		
4.5 Neathern (so interest there is the reconstruction halfday including trailiding services and desirance.		2,194,732.00	1 2,347,647.00 \$	687,684	
Civil weeks for about all desires facilities ration, Replid count's pade					
and claric sold), including fronted emissioners and safety diseases		649,719.00	\$ 389,108.00 \$	141,748,0	
4.7 Civil works for en-site topic reclaimed water system including					
storace sunk, reticolation and hose maters.	5		\$ 27,999.60 E \$ 485,325.60 E	1,736,885,	
4.6 Some decisation poud lockuling room return persons station. 2.9 Civil works for supersenses setum pumping station.			\$ 61,880.00 \$	35,834.	
4.39 Civil wildle for recorded water purpoling station	5	14,299.00	\$ \$8,140.00 \$ \$ TN.890.00 \$	5,344.	
4.11 Aurobic Signican tonks including all storwork 4.12 Studen devutating Socialism including building	1	435,008,00	\$ 776,839.00 \$ \$ 667,720,00 \$	280,283	
4.13 Elió tión /permente reservoir	. 5	368,579,00	E 1,995,386,00 E	i - Distri	
4 le Chlorination cestes	*	161,521,00	1 . 5	85,159	
4.15 At pipelines accordant with the sustanceion of WWTP to the Limit of Contract including works on extering code.	5	1/997/048/00	\$ 1,277,096,00 E	1,699,175	
4.36 Earthworks and civil works accoming to construct for plant maleting.		6-12-11-12	4		
wife francistores	8 8	5,574,097,00	1 165,000.00 I	838,T15, 16,580	
4.17 Temperary access read 4.16 Readworks technique kertinus, emicrine and drainesis.	3	199,676.00	\$ 740,190,00 \$	481,634	
4.19 Lindscaping		12,145,00	f 142,186.00 f	60,280.	
4.20 5 to services not installed absorbore.	8	130,672.00	1 10,1600 1	120,611	
4.21 Are time and final above 20241 Fee 275M D	17,680,000 S	15,122,013.00		1,542,545	
S CONSTRUCTION - MECHANICAL (Milenau II					
5.1 Step screen and screenings conseque system.	. 8	579,516,00		1,010	
5,2 Fine covered and scenarious conveyor system		135,360,00 197,225,00	# 123,123.00 S S 436,903.09 S	490,133, 12,894	
5.3 Odeur coatrel recollected continues for links Works 5.4 Flame, for Labet Works flow measurement	5.0		I 9,874,00 S	11,000	
5.5 Get mesend session including attribution		163,076.00	\$ 134,330,00 \$	271,632	
5.6 Militers for do unrakten lanks	5	915,734.00	5 4,140,60 S 5 46,450,00 S	136,155	
5.7 Militate for practic trains 5.6 WAS parago, pipewate and valves	\$	48,002.00	t \$5,090.00 S	71,285	
5.9 Mixed Report parties, programmy and valves	5	207,063,00	\$ 994,184.00 \$	100,454	
S. N. Averagement and all sessociated equipment		1,625,408.00	\$ 1,534,689,09 \$	3,322,690	
1.11 Assettos system for histoginal and membrane recourt including promunic and valves	5	1,156,079,00	\$ 1,396,398,09 \$	1,347,536	
5.11 Persone person, pipework and valves	5	434,972.00	£ 0,783,390,1 2	157,944	
5.13 UV disinfunios equiposes and instrumentation including all photograph.		764 6/3 (0)	T 191,9150 T	421.034	
3.14 Racyclod years progress crosses for Orwine we	\$	48.838.00	\$ 225,597,09 \$	220,100	
5.15 Recorded water passes, placement, flow mater and valves	5	468,883.00	1 139,000.00 5	372,840	
5.16 Magazinet burnetly malatining valves and estumes for flow countril. for release and to pend.	5	2400040	\$ 17,315,00 \$	49,735	
5.17 Applied digestion trais missir and areadon peters, december		695,014,00		225,433	
- 5.16 Shalan find parmos, pigrovark and valves	3	107 4/7 00	\$ \$2,723,00 \$ \$ 285,675,00 \$	96,019	
5.17 Studge deviatering process Belli Bier perce, converse makes 5.15 Polymer programsor/backing and doding review	*	4907774600	1 161,361,00 5	102,615	
5.19 Storm return parties, pipework and halves	5	78,571,00	\$ 910,592.00 \$	76,170	
5.20 Gupcowan ration pursus, placework and railver	*	28,598.00	\$ 15,072.00 \$ \$ 15,072.00 \$	42,100	
5.21 Electromagnetic flery metary at vortext locarities 5.22 Chemical Dooles; professor	5	654.235.00	5 702,151,00 S	444,15%	
5.25 Munhases cleaning extrans	1		\$ 64,730,00 \$	065,763	
5.24 Apr lesso on translations TOTAL FOR FEST S.	15.000,000 S	791,000,00 HUSBS,218,00			
Toward toward a				-	
a CONSTRUCTION - RESCURECAL ORDERING () 6.1 Person Sensity Lord 2 Sensity Provider sense	1	32.813.00	1 . 5	3,179	
c CONSTRUCTION - ELECTRICAL ORGanies I) 6. Perez Seppir Lend 3 Sandaz Parvidar moto 6.2 Perez Seppir Lend 3 Sandaz Parvidar moto 6.3 Perez Sepir Lend 1 Sandaz Porvidar moto 6.3 Listring with Country Energy permit of Pro- and non-upresses if	1 5	32,533,00 (04,914.00			

6.4 Fixed Generator	\$	177,937.00		392,686.00		643,290.0
6.5 Spare parts and Calvour. 6.6 Manufacture of FTPs & Switchesonic	S .	25,637.00		20,882,00		305,881.0
6.7 Field Indomonation		569,066.00	1	192,587,00	\$	593,982.0
6.8 SCADA Hardware including Licenses and installment 6.9 SCADA Software including development and testing of Visual		221,642,00	5	70,733.00		33,738.0
Distribus		269,583.00		130,075,08		133,747.0
.10 Building Services .11 Electrical Installation		245,471300 621,706.00		75,185,00		137,332.0 1,850,311.0
6.12 Apr items not listed shore			\$	244,731.00		22,990.0
TOTAL FOR ITEM 6	2,649,800 \$	3,387,991,00	8	3,997,530,00		3,843,542,8
7 TELEMETRY (Milentone I) 7.1 Radio Servers		864.60				
7.2 Supply and insulfation of an additional RTU at the Bullius WWTP		864,00		804.00	3	
7.5 Configuration of the existing Bullion Shire Countil Reporter to		15,639.00	2	18,253.00	5	4,177,00
sconweden the adfinited RTU			5	245.00		
7.4 Configuration of the existing CMF and the existing RMF 7.5 Remarks and relocation of the existing IT Caterns	\$	689.00	2	675.00 8.925.00		
7.5 Reconnection of the existing TF Cabinet 7.7 Configuration of the SCADA computers (coupling as part of the	\$	689.00	8	1,653.16	\$	
disctrical) for IT Services			\$	6,565.00		7,560.0
7.8 Senior testing: 7.9 Revision of Od54 Menuals			1	2,086,00		
1.10 Any items not listed above TOTAL FOR ITEM 7:	71,500 \$		1		1	
	16,599 \$	17,881,60	5	34,780,68	3	11,837.6
# TESTING, COMMISSIONING AND PROCESS PROVING (Milestone 3)						
8.1 Testing including factory/witness testing of equipment including	742-1	(4) and the said	20	VALO 00000	ma.	1,201930-01
clustrical conference 4.2 Demonstration	5	12,554.00	5	6,317,00		74,745,0
8.3 Commissioning 8.4 Validation and verification (Process proving)	1	3,523,667.00	\$	639,770.00		370,839.00
8.5 Training of operators Stage 1	\$ \$	380,429.60 17,214.66	5	19,912.00	1	345,594.00 63,497.00
8.6 Training of operators Stage 2 8.7 Training of operators Stage 3	5	8,638.00	3	19,912,00	3	25,963,00
E.S Operation and resistance or warmers	\$	29,615.00	\$	34,285,00		137,363,00
8.9 Work as execution drawings 10 Designers report	5	23,322.00 5,807.00	1	46,015,00	2	137,280,00 88,918,00
C1 Any lease set listed slows TOTAL POR ITEM 8:	5	4.194.978.00	\$		5	
Total Lump Sum tendered for MILESTONE B	385,840 S 37,856,580 g	36,891,700.00	8	915,489,66 38,897,492,00	5	33,779,632,00
9 EXISTING PLANT DECOMMISSIONING (Milesture 2)	20000000					000000000000000000000000000000000000000
9.1 Decommission existing plant	3	59,318,00	2	23,992.00	1	99,942,00
TOTAL FOR ITEM 95	450,800 \$	58,315,60	3	23,592.00	5	99,942.00
16 DEMOLITION OF EXISTING PLANT (Milestone 2)						
0.1 Demolition of structures 0.2 Removaline culting of all essential		497,141.00	5	269,275,00	1	250,530.00
0.3 Levelling and landscaping works			\$	269,851.00	1	
TOTAL FOR ITEM 1011 Total Lump Sum tendered for MILESTONE 2	404,140 S 863,940 S	497,141,46 555,459,66	3	824,447.08 848,439.00		399,759,80 381,892,00
Company of the Compan		202/423/69		848,429,00		361,692,00
11 Construction Studge Storage Facility (Milestone 4) 1,1 Downered studge storage facility – Civil worker		1,704,219.00	5	1,566,133,00		1,357,266.00
1.2 Descript shedge elector facility - Mechanical works	1	675,548.00	1	534,890.00	\$	747,650,00
1.3 Denutered chales storage facility – Electrical and all other works TOTAL FOR ITEM 11:	1.050,000 5	2,642,741,00	5	62,965:00 2,153,988.00	5	2,184,936,86
Total Lump Sum tendered for MILESTONE 4	1,650,000 5	2,642,741.69	\$	1,153,988.00	5	2,384,936,60
12 POST COMPLETION - ORGOING SUPPORT PACKAGE						
2.1.2 Year counting support package TOTAL FOR ITEM 12:	110,000 \$	310,022,00 210,022,00		67,041.00 67,041.60	1	226,782.00
Servino di Vinna di V						
TOTAL TENDERED FOR BALLINA WWTP	40,460,401 E	49,399,922,08		41,956,958,08		36,493,363.00
Mandatory sitterestive tender (Nett)						
	4					
LENNOX HEAD RECYCLED WATER PLANT						
1 General (Milloutone 3) b.1 All work and obligations under the Contract NOT INCLUDED						
BLSEWHERE in this Scholake.				642,272.00	1	372,891,00
Congliance with Environmental Management Plan, Site Specific Sofety and Quality Assarance systems.				31,705.00		
1.3 Site esphilishment.	- \$	172,895,06	5	88,806.00	8	29,986,00
1.4 Environmental protection modes/softment and erosion control. 2.5 All temperary works necessary for construction of the waysewater			1	8,545.00	1	11,000,00
treatment plant engagemation and maintaining continued operation of						4
the treatment plant throughout the canaturation period.			2	21,135.00	5	
. 6 Site direstablishment.	\$		\$	10,944.06	5	9,900,00
TOTAL FOR ITEM 1:	275,000 S	178,834,05	3	903,401.00	3	583,777.00
2 CONCEPT DESIGN FINALISATION (Milestone 3)						
1 Provision of Concept Design for Lenney Heart RWP	1	74,139,00		449,255.00	1	170,490,00
) DETAIL DESIGN (Mileston 2)	55,000 S	74,139,09	3	499,255,80	2	178,490,68
I Engagement of a Level 1, 2 and 3 service provider to design the						
power requirements for the WWTP site mitable for the approximants with allowance for future lands.	3	8,968.00	1		2	50,351.00
		320,471,09	\$	484,150.00		222,280,00
2 Civil and structural design		246,332,00 322,863.00			1	77,361,00
2 Civil and structural design 5 Process design		- 0.040000000000000000000000000000000000	70			
2 Civil and structural design 3 Fronces design. 4 Design of mechanical turns 5 Electrical design, por mosulacturing extinities and electrical		***			1	
Cloid and structural design Process design Design of marchanical terms Destroy of marchanical terms Destroy of the structure of the struct	1	253,743.09 139.578.00	1	3,925,00	\$	199,638,00
Clivil and strictural design Fromm design Fromm design Design of manchaniqual tume Tolivines video and decumentation and submission Tolivines video medicina Tolivines video medicina		119,578.00 56,202.00	5	3,925,00 24,548,00	1	34,682,00
2. Cloid and strictural design. 3. Process design. 4. Design of menthesical tume. 5. Design of menthesical tume. 6. Tolinesteriol design, per assumburating activities and effectively desiration and desarrows and submission. 6. Tolinestery design and decumentation and submission. 7. Ocalize review meetings. 8. HANDO & CHARR Workshop. 9. Arm design about not blaced above.	1 1 1 1 1	139,578,00 56,202,00 56,202,00	1 1	3.925,06 24,548.00 4,768.00		34,682,00 22,478,00
2. Cloid and structural design. 3. Fromms dusign. 4. Design of marchanical turns. 5. Electrical dusign, pre-manufacturing activities and effectival authorisation. 6. Tolermetry design and documentation and submission. 7. Dusign review meetings. 8. HANCP & CHARL Workshop.	3 5 5	139,578,00 56,202,00 56,202,00	5	3,925,00 24,548,00		34,682,00
2. Cloid and structural design. 3. Process design. 4. Design of transchantiqual tume. 5. Electrical design, per assemblyoring solvitius and electrical inheritation. 6. Tolermeny design and decumentation and subministen. 7. Design review meetings. 8. RAZOP & CRASR Workshop. 9. Aim design learns not based above: **TOYAL FOR ITEM 3:* 4. CONVERDICTION - CIVIL ITEMS (Milliminum 3)	\$ \$ \$ \$ \$ \$	139,578,00 56,202,00 56,202,00	1 1	3.925,06 24,548.00 4,768.00		34,692,00 22,478,00 772,392,80
2. Cloid and strictural design. 3 Fromost design. 4 Design of menthenical times. 5 Electrical design, per secondarying extribits and effectival abeliance. 6 Tolerancy design and decumentation and administra. 7 Cloids review meetings. 8 RAZOP & CHARL Workshop. 9 Are design because not based ulters: TOTAL FOR ITEM 2-	1 1 1 1 1	139,578,00 56,202,00 56,202,00	1 1	3.925,06 24,548.00 4,768.00		34,692,00 22,478,00

Page 13

4.5 A2 necessary stopbounds, stoplage, we're end, positiodia for flow session/codes covine direction including miscaltaneous chambers or	4 4 8		11		1
sested/colorizative-direction including miscallaneous chambon a	Ad .			7 3	
gits 4.4 Civit, bridgatile and spectural works for the boliding	1	- 5	371,621,06 \$	94,230,69	
# 5 Check words for obligation patient patient	\$	464,985.00 \$			I
4.6 All pipelines associated with the construction/modification of RV the Limit of Commun.		73,634,00 \$	163,411.00 \$	63,833,60	
4.7 Reservedos includant korbina, contenen una disenside,	1		\$ 10,400,00	51,507,80	1
ES Sits services and included describure. 4.9 Charmical disette Satillata	1 1	244,99800 \$	291 113.00 \$	413 796.00	
10 Any larger get firsted above	1	294,001.00 \$	E317.390.00 S	1,525,623,00	
TOTAL FOR ITEM	A: 3,290,840 S	1,346,154.00 5	3,099,581,60 \$	3,412,405,80	1
& CONSTRUCTION - MECHANICAL (Milumose 3)					-
5.1 UV člaisScolon equipment and instrumentation including all			77000.00000		l
proceed: 5.2 Manuferrar tensory filters and all associated explorated	3 1	1,219,490,00 \$ 1,084,485,00 \$	437,676,00 S 604,576,00 S	901,971,00	1
5.2 Pumps and volving	1	474,886.00 \$	179,892,00 E	223,868.09	1
5.4 Flav motes	3	806,790,00 S	1,535,00 \$ 558,786,00 \$	34,152,00	1
5.5 Are lesso not hard shore FOEst, FOR ITES	7.5: 3,000,000 S	2,845,534.00 \$	2.040,413,61 8	2,462,696,69	3.0
& CONSTRUCTION - ELECTRICAL (Minning I)					
6.1 Power Superiv Level 3 Survive Provider work		7301.00 S	. 1		-
6.1 Pewer Supply Level 1 Service Provider work	i	7,496,00 \$	- 1	-	
6.3 Gusting with Country Recogy, payment of feet and management.	d		- 1	100	100
the Level 1 and Level 3 Service Providers. 6.1 Design, are monaforme associates and electrical safementaries.	1		12,585.00 \$	0900000	
6.1 Flood Generator	1	224,597,00 \$	194,831,00 \$	358,349,66	1
6.5 Sport parts and Cabines 6.3 Manufacture of FTPs & Switchessads	1	7,244,00 S 391,619,00 S	29,711,00 \$	11,289.00 91,752.00	
S.E Prote Exposurements on	1	262,536.00 \$	67,236.00 \$	301,404.09	1
6.5 Rome of the existing SCADA Hardman at alle	5	- 1	22,250,60 \$	3,795,00	
H. Addrion to the existing SCADA including development will test of Viscal Displace	3	120,712,00 \$	38.232.00 \$	56,395.06	
If fluiding florviors	\$.	52,098.00 \$	18:267.01 \$	- 33,673.00	
12 Bluestical Installation 13 Any forms not listed above	1	208,339,00 \$	613,380,00 3	339,478,00	1
TOTAL FOR ITEM	761,000 \$	1,304,630,08 5	1,090,381,00 5	3,715,434.00	
7 TELEMETRY (Milesset S)					15 25
7.1 Modification of the existing STU	5	- 1	1364.00 \$	1,604,00	
7.2 Configuration of the existing Bullima Shire Council Repetter to	1 1	100		0.00	
nonremediate the utilities of RTU 7.3 Configuration of the continue CMF and the existing RMF	5	: 1	187.00 \$		1 1
1.7 System tection	3	- 1	723.89 \$	-	
7.5 Revision of OAbit Manuals	\$: 1	172.64 \$		
7.9 Any lerns on Good shove FOTAL FOR ITEM		: 1	3374.81 \$	1,600,04	
A TESTING, COMMISSIONING AND PROCESS PROVING	aupris, a.		70/100	ALC: US	
(Miletour Tr					l
 Testing including factory/witness seeing of optioners including electrical continuous 		8.057,00 \$	1,062.00 \$	29,670,06	
8.2 Demonstration		83,00T,00 K	E 00 000 E	10,116,00	l
8.3 Commissioning 8.4 Validation and restification (Process Proving)		538,591,69 \$ 328,317,60 \$	63,99430 3	74,350,09	1
8.5 Training of corretors Stage 1	\$	10.121.00 \$	2,648,01 \$	15,219,00	1
8.6 Tasining of operators Stage 2	3	1,560,00 S 1,560,00 S	7,548,00 E 7,549,00 E	5,176.60 5,176.60	1
5.7 Training of socrators Street 3 8.8 Operation and autocommune sourceasts	y .	17,799.00 \$	23,323.00 \$	30,059,00	1
I.9 Work-ou-execution dimerican	8	10.322.00 \$	11,500,00 \$	50,503,00	1
10 Decignors separe. L1 Arm from test Breed above	\$	2.581.00 5	3,490,01 \$	16,824,00	
TOTAL NOR ITE	151,000 \$	897,011.04 \$	148,971,81 . 3	3/5321.09	
	NOW THE PASS				
9 POST COMPLETION - ONGOING SUPPORT PACKAGE	8 1.03		100000	2000	
S.J. 2 Year america monorii packago TOTAL 8006 ITSE	1C1 66,800 S	102,316.00 \$	16,300.00 1	94,950.09	
TOTAL FOR ITS	50,000 \$	182,246.80 &	16,368.01 2	16,500.00	
TOTAL TENDERED FOR LENNOX HEAD RWP ORDering	(3) 8,070,071 5	9,637,912,69 %	8.242,596.01 S	6,891,402.66	
	M (1277)				
TOTAL CONTRACT COST (EXCLEDING MANDATORY	0.0				
ALTERNATIVE TENDERS 1 to 4 and schedule of rate know		AURONIA			
TOTAL CONTRACT COST (EXCLEDING MANDATORY AUTERNATIVE TENDERS 1 to 4 and schrönk of risk know and 2.2)	46,551,411 5	<i>00,007,034,00</i> s	28,129,236,23 \$	начана	
ALTERNATIVE TENDERS I to 4 and schedule of rate knows and 2.2) Schedule of Rates	46,351,411 5	<i>018</i> 07,854,89 S	38,199,536,29 \$	начана	
ALTERNATIVE TENDERS I to 4 and schedule of rate know and 2.2) Submitted of Rates. All work and obligations are: the Contract and included charaker	46,551,411 5				
ALTERNATIVE TENDERS I to 4 and schoolse of suit knows and 1.2. Substate of Raise All work and obligations are the Contract and included character I this phosphale Raise from	46,251,411 5		1	44,354,864,09	
ALTERNATIVE TENDERS I to 4 and schooled of rate forms and 2.2). Substation of Rates. All works and obligations are the Contract and included checker. If this published. Rate forces: A forces and published are also as a force of the contract and included checker. It is not because of the contract and are a force of t	46,551,411 S				
ALTERNATIVE TENDERS 1 to 4 and schröde of rate know and 2.2) Substidio of Rates. All with and obligations are in the Combined and Indianol Obsorber. Bits published. It is combined to the combined and indianol obsorber. Since combined and decreased of the combined and record to the combined and the combined obsorber of 20 large from the shipty proposed 2.9 for combined and the combined of 20 large from the shipty proposed 2.9 for combined and 2.0	46,551,411 5 100,000 5		1	44,354,864,09	
ALTERNATIVE TENDERS 1 to 4 and schröde of rate know and 2.2). Substidios of Rates. All with and obligations aren the Combined and Indianoid chandra. It is calculated in the combined observable. But substidios in the combined observable of the combined observable of the combined observable of the combined observable on the combined observable of the combined observable observable observable of the combined observable observab	46,551,411 S	+ \$ 176,400,00 \$	90,000,00, 5	44,394,864,09 147,600,60	
ALTERNATIVE TEXPOSES 1 to 4 and extraint of rate know and 2.2) Statistics of Russ. All werk and obligations are the Domined not included checked. It is planted by the Russ from 1.1 in permission and discerned of treats 1 (1,000 cools) moreon. Devotoring and Reserved of Budge from the shallon legions (2, 8, 2) and a motors).	46,51,411 S	- \$ 175,400.00 \$ 105,000.00 \$	98,013,69, S 69,075,00 S	14391.804.09 147.600.00 175.600.00	
ALTERNATIVE TENDERS 1 to 4 and schröde of rate know as 2.2). Substation of Ratio. All with and obligations aren the Combined and Indianois chandles (the schröde) of the schröde of Ratio. Substancing and Sources of Stages (1,000 casio motive). Executing and Sources of Stages (1,000 casio motive). Descripting and Sources of Stages (1,000 casio motive).	46,551,411 5 100,000 5	+ \$ 176,400,00 \$	90,000,00, 5	44,394,864,09 147,600,60	
ALTERNATIVE TENDERS I to 4 and scholak of rate know and 2.2) Subsidies of Rules. All web and obligations are the Contract and included checked. It is subsidies. It is subsidies and all subsidies and the contract of the subsidies and the contract of the sign from the children legions (2.8) and the subsidies of States. Total of Schoolak of States.	46,51,411 S 190,000 S 190,000 S 190,000 S	- \$ 175,400.00 \$ 105,000.00 \$	98,013,69, S 69,075,00 S	14391.804.09 147.600.00 175.600.00	
ALTERNATIVE TENDERS 1 to 4 and scholak of rate know and 2.0; Substation of Rates. All with and obligations arran the Destination inclinion checken. It is substation. But have a first planning that have been a first planning to the property of the propert	46,51,411 S 190,000 S 190,000 S 190,000 S	- \$ 135,000.00 \$ 185,000.00 \$ 281,000.00 \$	98.303.69 S 68.275.20 S 398.308.69 S	94,394,804,00 147,600,00 175,600,00 421,600,00	
ALTERNATIVE TENDERS 1 to 4 and schröde of rack know and 2.2) Substation of Ration All with and obligations are in the Constant and Indianoid character All work and obligations are in the Constant and Indianoid character Internations and disconnect of traced 10,000 continuous and Internations and disconnect of traced 10,000 continuous acceptance Internations and disconnect of Planting from the shalps legislate (2, 9) Internations and disconnect of Planting from the shalps legislate (2, 9) International School of Ration International Constitution of Station International Constitution of Stational Constitution	46,51,411 S 190,000 S 190,000 S 190,000 S	- \$ 175,400.00 \$ 105,000.00 \$	98,013,69, S 69,075,00 S	14391.804.09 147.600.00 175.600.00	**Chesid oqua Teader Forn Tidal C
ALTERNATIVE TEXPOSES 1 to 4 and extrinsic of rate knows and 2.20 Substitute of Rutes. All with and obligations are the Contract and inclinion chandra. It is polarished to the second of the polarished than force. It is recommon and subscened of thought all the scholar ingression and subscened of though from the shelps ingression (3.9) and in motion. Total of Schoolar of Ration TOTAL CONTRACT COST including withdraft of stars lines and 2.5 (EXCLUDING MANIATORY ALTERNATIVE).	95/51/41 \$ 190,000 \$ 300,000 \$	- \$ 135,000.00 \$ 185,000.00 \$ 281,000.00 \$	98.303.69 S 68.275.20 S 398.308.69 S	94,394,804,00 147,600,00 175,600,00 421,600,00	**Chould ocus Toeder Form Total (
ALTERNATIVE TENDERS 1 to 4 and scholek of rate know and 2.2) Substales of Bales. All with and obligations aren the Contract and included choosing. It is substaled. It is substaled. It is substaled. It is contracted and Engineer of English (1,000 cusio method.) It is contracting and Engineer of English (1,000 cusio method.) Department and Engineer of English from the shalps beginning (2,8) It is substaled. Total of Schoolait of States. TOTAL CONTRACTY COST (astrodiege wheeleds of rura lines and 2.2 (CXCLIDING MANNATORY ALTERNATIVE TENDERS) 1 to 4)	95/51/41 \$ 190,000 \$ 300,000 \$	- \$ 135,000.00 \$ 185,000.00 \$ 281,000.00 \$	98.303.69 S 68.275.20 S 398.308.69 S	94,394,804,00 147,600,00 175,600,00 421,600,00	**Chweld opus Teeder Form Tidal C
ALTERNATIVE TENDERS 1 to 4 and scholek of rate know and 2.2) Substidies of Rates All with and obligations aren the Contract and included checked. It is substidied It is also and incurrent of treated (1,000 cools notice). It is provided and discounced of Rates (1,000 cools notice). Total of Schoolals of Rates. Total of Schoolals of Rates. TOTAL CONTRACT COST (advalleg whitefall of size lines and 2.2 (EXCLUDING MARINATORY ALTERNATIVE TENDERS 1 to 4) Metallowy Alternative Tenders No. 1 (Brondels Sales Terme) TOTAL CONTRACT COST (In It AMMATORY ALTERNATIVE TENDERS 1 to 4)	# (53),411 \$ \$ 180,000 \$ 380,000 \$ 240,000 \$	- \$ 156,000.00 \$ 185,000.00 \$ 241,400.00 \$ 40,300,20 \$ 40,300,20,40 \$ 5 6 6 6 6 6 6 6 6 6	98,246,644.0 \$ 98,246,644.0 \$ 98,246,644.0 \$	44,364,864,00 147,800,00 175,800,00 421,800,00 43,807,864,80	**Chwild oqual Teader Form Tirle! C
ALTERNATIVE TENDERS I to 4 and exhibits of rain know and 2.20 Subsidies of Roses. All with and obligations are the Control and included checker. It is subsidied. It is supposed to the control and included checker. It is supposed to the control of the control and included checker. It is supposed and discount of the control of the checker included to the control of	#6,551,411 \$ 180,000 \$ 180,000 \$ 180,000 \$ 180,000 \$	- \$ 175,000.00 \$ 195,000.00 \$ 391,000.00 \$	90,500,501.55 E	64,364,864,06 147,600,00 125,600,00 421,600,00	**Chrosid oqual Teeder Form Total C
ALTERNATIVE TENDERS 1 to 4 and schröde of rate know and 2.2) Substate of Mass. All which and obligations are the Contract and Indianic disvolution of the schröde of the s	#6,551,411 \$ 180,000 \$ 180,000 \$ 180,000 \$ 180,000 \$	- \$ 156,000.00 \$ 185,000.00 \$ 241,400.00 \$ 40,300,20 \$ 40,300,20,40 \$ 5 6 6 6 6 6 6 6 6 6	98,246,644.0 \$ 98,246,644.0 \$ 98,246,644.0 \$	44,364,864,00 147,800,00 175,800,00 421,800,00 43,807,864,80	**Chould oqual Teader Favor Total C
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Tender - Wastewater Treatment Plants Upgrade

TOTAL CONTRACT COST (INCL MANDATORY ALTERNATIVE TENDER 4)		39,844,463,00	1	41,041,470,00	1	36,259,280.00
TENDER FORM TOTAL	48,931,411 \$	49,037,034,00	3	50,549,644.00	5	45,667,464.00
La contraction of the contractio	Dec	zz zai include SOR				
NPV Life Cycle Busining Costs of Ballina WWTP	3	11,228,850.00	5	10,419,183,06	\$	9,778,742.60
NPV Life Cycle Running Costs of Lenners Head RWP	s	2,276,993.00	5	987,723,00	5	800,104.50
Total NPV for Both Plants	5	13,515,413.60	2	11,437,108.00	8	10,578,846,50

Attachment B

Additions and Deductions				Al	Inclusive of	GST	
Tendered Price						\$	45,007,464.00
Extension of Tender Validity Date						\$	24,200.00
Additions - Ballina	100	Am	ount				
1 Additional Drum Screen			92.950.00				
2 Scum Harvesting System		5	36.520.00				
3 Turbo Blowers		\$	192,000.00				
4 Uninstalled 3rd RAS Pump		\$	19,194.00				
5 Chlorination of on-site recycled water		\$	16,570.00				
6 Septage receival flowmeter arrangement		š	13.660.00				
7 Penstocks in lieu of Stopboards		3	66,583.00				
8 Additional pipework for alteration of LOC on I	Pallina Halakta malna	\$	58,058.00				
Additional access stairs to top of MLR chann		5	21,580.00				
Fill bottom of storm return pump station with		S	9,900.00				
o Fili bottom of storm return pump station with	concrete	9	8,900.00				
	Agreed Additions - Ballin	na.		\$	527,015.00		
Additions - Lennox Head							
	82					-	
1 Uninstalled Amiad screen		S	27,003.00				
2 Uninstalled stanby air scour blower		\$	11,648.00				
3 Unistalled standby backwash pump		\$	9,900.00				
4 Uninstalled standby sodium hypochlorite dos	ing pump	\$	1,682.00				
5 Uninstalled standby caustic dosing pump	a Feet	5	1,682.00				
6 Uninstalled standby citric acid/Sodium Metab	isulphite dosing pump	\$	841.00				
Agree	ed Additions - Lennox Hea	ed		S	52,756.00		
	Total Addition	ve.				e	579,771.00
	Total Fidulion					*	0/0/// 1.00
Deductions - Ballina							
1 Delete fixed membrane cranes		-5	92,400.00				
2 Recycled water pumps - Grundfos in fieu of G	Soulds	-5	49,500.00				
A	greed Deductions - Ballin	a		-\$	141,900.00		
Deductions - Lennox Head		*					
1 Delete new low lift pumps		-5	32,220.00				
Agreed	Deductions - Lennox Hea	id		-5	32,220.00		
	Total Deduction	13				-S	174,120.00
		Den	ised Tendered	Del	00	S	45,437,315.00
		LIGA	ised rendered	FIL	oc.	9	40,401,010.00

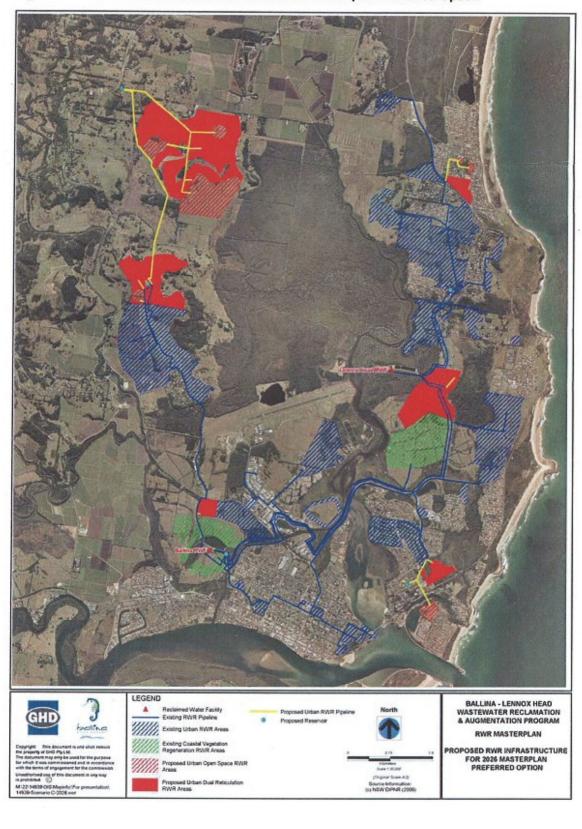


Figure 5-5 Plan of RWR Infrastructure in 2026 for Masterplan Preferred Option