# 174

## 18.3 PINNAROO COMMUNITY WASTEWATER MANAGEMENT SYSTEM PIPEWORK RENEWAL PROJECT STAGE 2 - AWARDING OF CONTRACT

Responsible officer: Matthew Sherman, Manager Infrastructure Services

Attachments:	1.	Pinnaroo CWMS Construction Pricing - North Pump Station 7 🗓 🖼
	2.	Pinnaroo CWMS Construction Pricing - North Pump Station 6 4
	3.	Pinnaroo CWMS Construction Pricing - South Pump Station 4 #
	4.	Pinnaroo CWMS Construction Pricing - South Pump Station 3 1 1

Section under the Act	The grounds on which part of the Council or Committee may be closed to the public are listed in Section 90(2) & (3) of the <i>Local Government Act</i> 1999.						
Sub-clause and Reason:	(k) - tenders for the supply of goods, the provision of services or the carrying out of works.						

#### **Executive Summary**

The purpose of this report is to enable Council to enter into a contract for the delivery of the Pinnaroo Community Wastewater Management System (CWMS) Pipework Renewal Project final Stages North and South.

SADB Directional Drilling has completed the full investigation on final Stages North and South and submitted a final value for the Pinnaroo CWMS Pipework Renewal Project Stages North and South works. This report enables Council to consider the final value and award SADB Directional Drilling the contract to undertake the final stages North and South works for the Pinnaroo CWMS Pipework Renewal Project.

#### RECOMMENDATION

#### That Council:

- 1. exempts itself from the usual requirement to seek tenders for the delivery of the Pinnaroo Community Wastewater Management System Pipework Renewal Project Stages North and South, in accordance with the Exceptions Clause 7.3 of the Procurement Policy, on the basis that the pressures of time are such that an open call is not feasible.
- 2. awards the contract for the delivery of the Pinnaroo Community Wastewater Management System Pipework Renewal Project Stages North and South to SADB Directional Drilling for a contract price of \$2,753,687.10 (ex GST).
- 3. notes that the contract amount exceeds the proposed 2021/22 budget allocation by \$394,414.10 and is reliant on an additional budget allocation to fund the works.

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## MOVED COUNCILLOR NEVILLE PFEIFFER SECONDED COUNCILLOR REBECCA BOSELEY

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- 3. notes that the contract amount exceeds the proposed 2021/22 budget allocation by \$394,414.10 and is reliant on an additional budget allocation to fund the works.

#### CARRIED.

#### **Background**

Council entered into its first contract with SADB Directional Drilling for the delivery of the Pinnaroo CWMS Pipework Renewal Project in early 2020. Stage 1 works (northern residential areas of Pinnaroo) and Stage 2 works (Murrayville Road and Railway Terrace South) are now complete.

Council at its June 2020 meeting gave approval for SADB to undertake an investigation of the remaining CWMS pipework and to report back to Council on the costings to complete the remaining works. The investigation is now complete and the works have been costed.

#### Context

Pinnaroo is serviced by a community wastewater management system, which involves collection, treatment and reuse of wastewater generated in the town. The scheme is one of the oldest in the state, having originally been constructed in 1960's. Consequently, many of the sections of pipe in the collection network are aged, in poor condition and constructed within private property without easements. Such drains require replacement in the coming years, otherwise the performance of the network will begin to worsen.

To better quantify the condition of the collection network, Council obtained a CCTV survey assessment of the entire gravity scheme. This information was then provided to Wallbridge Gilbert Aztec (WGA) to review and prioritise, with tender documentation prepared for Stage 1 of the works, considered to be highest priority.

Due to the extent of the required upgrades, the upgrade is to be undertaken as a staged process based on priority of required works.

The construction of Stage 1 works was awarded to SADB Directional Drilling (SADB), who proposed to undertake the upgrade works predominantly through directional drilling, with trench excavations where possible. Stage 1 works have been completed.

As prioritised by Council, SADB undertook design and submitted pricing for the next stage of works (Stage 2), which encompassed Murrayville Road and Railway Terrace South. Stage 2 works have now been completed.

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#### Policy and statutory implications

The Local Government Act 1999 is relevant to this matter.

Council's Strategic Plan Goal 3, Sustainable Infrastructure & Services, is relevant to this matter.

Council's procurement policy is relevant to this matter. This policy has an exception clause and it is proposed to use the exception clause to enable this project to proceed in a timely manner.

The exceptions clause states:

#### Exceptions

Generally, open and fair competition is best achieved by undertaking a full public tender call so all interested parties have an opportunity to bid on the call. However, there may be procurements in which a full public tender will not necessarily deliver best value for money and other market approaches may be more appropriate. Council may be exempt from the requirement to seek tenders or quotations, if:

.....

7.3 The pressures of time are such that an open call is not feasible...

#### Issues

Council is able to exempt its self from the usual procurement process on the basis that the pressures of time are such that an open call is not feasible. In this case an open procurement process would result in significant time delays and negatively impact the ability to upgrade the CMWS network in a timely manner.

There would be extensive delays associated with an open tender process, together with delays associated with any new firm being appointed and developing an understanding of the project. SADB has undertaken the detailed investigations for the complete CWMS system and completed stage 1 and 2 works. As a result SADB has strong project and local knowledge and could commence the final stages efficiently.

Council has been satisfied with works completed in stage 1 and stage 2 as well as SADB investigation works. SADB has also provided positive and effective communications with the community during the first two stages.

For the above reasons to date no other contractors have been asked to submit pricing for the remaining stages and an exemption from this requirement is recommended.

There are budget challenges relating to the final stages. There is a significant price difference from the previous proposed budget allocation for 2021/22 (\$2,359,273) and the costings provided (total \$2,753,687.10), this equates to an overall increase of \$394,414.10.

The two main factors for this cost increase are the increased depth of line and increased connection depth. This is in part due to lowering pump station inlets to achieve better grades as well as the fact that South works was not fully surveyed at the time of the proposed budget costings being provided.

In addition, SADB has advised that there has been an increase in material, labour and transport costs in the civil industry associated with recent government stimulus spending. This has resulted in increased costs being: labour cost increases of 12-15%; material cost increases of 15-25%; and transportation cost increases of 20%.

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The overall cost for the North and South works has increased by about 16% overall due to the above factors.

It should also be noted that there are provisional cost sum allowances in the proposal. This includes \$18,000 for each pump station for latent conditions, unknown underground obstacles, de watering, septic desludging, by-pass pumping and box shoring. There is also a \$20,000 allowance for refurbishment of each pump station which may be used for lid replacement or minor rectification works. Both of these costs have been included in the totals, therefore there is a total of \$152,000 for provisional cost contingencies.

There is also a \$32,000 cost (upper limit fee) for each of the North and South stages for documentation/superintendency fees for Wallbridge Gilbert Aztec within the costings. It is to be noted that fees are charged on an as needs basis with the stage 2 works fees coming in less than what was allowed for.

## A breakdown of the submitted pricing is detailed below:

Table 1: Final Construction Prices - stages North and South

	South	South	North	North	
	Pump Station3	Pump Station4	Pump Station6	Pump Station7	
PRELIMINARIES	\$82,614.00	\$190,754.00	\$120,508.00	\$145,980.00	
CWMS INFRASTRUCTURE	\$100,932.00	\$290,614.00	\$154,588.00	\$294,917.00	
OTHER	\$176,810.00	\$633,061.00	\$182,588.00	\$309,314.00	
TOTAL (Ex. GST)	\$360,356.00	\$1,114,429.00	\$457,624.00	\$749,920.00	
CITB	\$990.98	\$3,064.68	\$1,258.47	\$2,062.28	
GST	\$36,035.60	\$111,442.90	\$45,762.40	\$74,992.00	
TOTAL (Inc GST)	\$397,382.58	\$1,228,936.58	\$504,644.87	\$826,974.28	
WGA (superintendency)	\$32,000.00		\$32,000.00		
TOTAL (Ex. GST)	Total South	\$1,510,840.50	Total North	\$1,242,846.60	

The North and South works are proposed to be completed within a year's timeframe and works are able to start at the end of July /early August.

It is noted that, as with stage 1 and 2 works, there are several risks associated with the proposed recommendations and construction methodology provided by SADB:

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- Presence of unexpected rock formation. Directional drilling is more expensive in hard rock due to a different drilling rig being required and where a rock shelf or floating or loose rock is present maintaining pipe grade is almost impossible.
- Asbestos within private property.
- Unforeseen underground objects ie. buried cars, tanks etc. which may impact proposed alignments.
- Site access. Unwillingness of resident to allow access to private property, potentially delaying works.
- Bypass pumping. SADB have assumed that private Septic Tanks will generally provide sufficient emergency storage to disconnect properties during reconnection to the new line. Undersized, failed or full septic tanks will not provide this volume, requiring additional use of the bypass pumping system.
- Groundwater and dewatering costs.

A provisional sum allowance of \$152,000 has been included in the pricing for latent conditions, and pump station refurbishments.

#### Alternate options

SADB were the only contractor to price the project. The alternative for Council is to undertake a public tender call similar to the Stage 1 tender process.

The advantage of this that there will be alternate pricing to evaluate SADB's submission, providing a more comprehensive comparison.

However, there are also several key disadvantages to this option; including the following:

- Delay of project by at least several months due to Request for Tender periods, tenderer interviews and tender assessments. This was a notably extensive process in Stage 1 due to complexity of works.
- Additional administration costs to undertake the tender process.
- Potential loss of accommodation due to current availability issues within Pinnaroo and the surrounding region.
- SADB have been engaged to undertake design and costing of Stages North and South, are already onsite and have a detailed familiarisation with the project. Should a new contractor be awarded, there will be additional establishment costs and likely construction delays/issues due to lack of familiarisation with the project and area.
- SADB have developed a strong community relationship, with minimal issues or complaints during Stage 1 construction so far. There is a risk that a new contractor does not develop the same community relationship.

WGA has assisted Council to undertake an assessment of SADB's proposal and it has been determined that the proposal represents fair value.

Consideration to award the contract for either North works or South works as two separate portions could be considered by Council. Council would have additional costs if the two stages were not undertaken consecutively.

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#### **Financial implications**

The final CWMS stage North and South works can be delivered for a contract price of **\$2,753,687.10.00** (excl. GST). The total is significantly over the allocated budget figure of \$2,359,273 and therefore would be reliant on a further budget allocation to proceed with all the full scope of works.

It should be noted that the works were always intended to be a rolling program to suit available funding. We have also seen considerable price increases across many industries including the civil construction sector and this may continue.

Council could address this shortfall by amending the draft budget for 2021/22 prior to adoption, or consider the additional funding required in the first budget review of 2021/22. The later approach is recommended.

### Work Health and Safety and Risk implications

A site-specific project safety plan will be developed by SADB prior the construction works. This plan will be reviewed by Council and WGA as the project superintendent.

A general work, health and safety management system was included in the SADB submission.

Council faces reputational risk if it does not progress this project.

#### Consultation

As per Stage 1 and 2 works, SADB propose a two-phase community consultation process in conjunction with Council's planned notification process. This will include letter drops and door knocking of directly affected stakeholders.

Council included this project in its draft annual business plan and budget 2021/22 which was the subject of community consultation.

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1,4	Survey - Site Set Out	ea .	5 130.00	47	5 5,640,00	Increased Sub Contractor Costs
1.5	Service gocating is referenced.	ither.				
1.6	Quality control and quality assurance	82	5 53.00	47	5 2,491.00	Increased Labour Costs
1.7	Environmental controls management	63	5 53.00	47	5 2,491,00	Increased Labour Costs
1.2	Traffic management, references	item				
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1.9	Construction	663	5 121.90	47	5 5,687.00	increased Labour Costs
1.10	Insurances & Statutory Fees	63	5 15.00	L	\$ 705,00	TABLE GOOD GOOD AND AND AND SHEET OF THE SHE
1.11	"At Constructed" survey	66	Professional and an artist and a		\$ 5,640.00	
112	"As Constructed" drawings in Autocad format.	68	\$ 130.00 \$ \$2.00		S 2350.00	
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2.1	Excavate trench	£43	5 193.00	469	\$ 90,517.00	Increased Labour Costs
2.2	Dispose of purgius spoil at approved stocks in site	77.3	\$ 11.00	\$20	\$ 5,720,00	
23	Supply badding material	m3	5 31.00		5 2.945.00	
2.4	Supply IV CRAS & FREIngs	755	1 15.00		5 7 504 30	Incressed Material Costs
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2.5	Backfill for pipe	m3	5 31.00	412	\$ 13,022.00	monrect S&1 correct
26	Reinstate tranch (pavement)	152	\$ 88.00	184	5 55,280.00	The state of the s
2.7	Reinstate transis (verge)	m2	5 11.00		5 1,970.00	
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2.10	Supply and install pipe (125mm HDPE PN16)	<u> </u>	\$ 240,000		\$ 140,985.00	Increased Labour Costs / Increased Material Costs
2.11	Reinstate trench (pavement)	- 1912 	5 88.00		\$ 1,408.00	
2.12	Relation of Verse	11891	5 11.00	A	38.00	
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2.13	Rushing paint	each	\$ 3,297.00	14	5 52,752.00	inchesced Labour Costs / Increased Material Costs
* **						225 Maintenance Holes now required / increased
2.14	Maintenance hole	each .	\$ 8,000.00		5 44,000.00	Labour Costs / Increased Material Costs
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2.15	Connect to existing maintenance hole/pump station	1500 (197)	5 3,274.00		\$ 1,274.00	Increased Labour Costs / Increased Material Costs
-deduced treatment	***************************************	-	Section (Section 1)			Increased Labour Costs / Increased Material Costs /
2.16	Property connections	ignern	5 3,349,00	47	\$ 157,403.00	Desper Connections
2.17	CTV		5 11.00	lane.		Control of the Contro
2.18					\$ 11.394.00	
4.16	Test and pressure hush pipe	44	5 79.00	LOS	3 2291.00	
	PC Sum Item - Latent Conditions / Unknown				1667	
2.19	unbderground obstasies increak / de watering /	150/77	5 18,000.00	1	5 18,000.00	
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2.20	PC Sum tem - Pump Station Re-Furbilishment	63	5 20,000.00	1	5 20,000.00	
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					\$ 2,062.28	
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	Note					

Note

Item 1.1 Prefirm freestigations - accounted for in current VO

Item 1.2 Establishment - no associated costs of SADB remain on site for dia ation of project.

If project delayed and SADB to de mobility may be a demote of \$7.500 and remobilities of \$20,000 will be applied. (Total \$27,500) item 1.5

Service Locations - No Charge - carried out on current VO

Item 1.8 Traffic Management - No associated costs as allowed for in above construction rates item 1.13 insestigations accounted for in current VO

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1.3	Site security	(16:77	5 275000			Increased Labour Costs
1.4	Survey - Site Set Out	#64 ponociologosynes	1 120.00	[29	5 3,480.00	Increased Sub Contractor Costs
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1.9	Dispidation Survey of Work Area Pre and Post Construction	44	5 121.00	29	\$ 3,509.00	Encrassed Labour Costs
10	Incurances & Statutory Fees	#3	\$ 15.00		\$ 435.00	
11	"As Constructed" survey	50	\$ 129.00		\$ 3,460.00	Proceeded Sub Contractor Costs
12	"As Constructed" drawings in Autocad format	63	5 50.00	29	5 1,450.00	increased Sub Contractor Costs
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.14	LAFHA	night	\$ 801.00		\$ 24,090.00	Timeline increase
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2.1	Excepte transfer	27%	5 185.00	5520	\$ 109,150.00	Increased Labour Costs
1.2	Dispose of surplus spot at approved stockpie site	m3	5 11.00		5 5,890,00	The same of the sa
1.3	Supply bedding material	minimum.	S 31.00		\$ 4,340.00	
2.4	Supply PVC SN 6 & Fittings	8 <b>3</b> 3	5 16.00			Proreased Material Costs
2.5	Backfill for pipe	m3	5 31.90	\$10000000000000000000000000000000000000	\$ 21,948.00	increased quartity due to deep trench cryinal (3) incorrect S31 correct
2.6	Remotate trench (pavemers)	n:2	\$ 88.00		5 .	
1.7	Senstate trench (verge)	m2	5 11.00	180	\$ 1,850.00	
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2.9	Excavate entrance and receiving pits	item	5 2,074.00		5 .	Increased Labour Codo
. 20	Supply and install pipe (125mm HDPE PK16)	593	5 241.00		5 .	Increased Labour Costs / Bicreased Material Costs
.11	Reinstate trends (pavement)	m2	\$ 88.00	Anthropia de la companya de la comp	<u> </u>	
12	Reinstate pt (verge)	159.55	\$ 11.00		1	
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16	Property connections	CO:	5 3,349.00		\$ 97,121.00	Increased Labour Costs / Increased Material Costs Deeper Connections
17	CCTV	275 	3 1100		5 6,490.00	increased Sub Contractor Costs
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1.19	unbderground obstcales incrock / de watering /	item	\$ 16,000.00	ı	\$ 16,000.00	increase in costs due to additional shoring cost
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12	Establishment - refer notes	Rem			***************************************	
1.3	Site security	Term	5 1,750.00	11	5 2,750.00	Encreased Labour Costs
1.4	Survey - Site Set Out	4.6	5 12900	**************************************	15 12,600.00	Increased Sub Contractor Costs
2.5	Service locating internates	346				
1.6	Quality control and quality assurance	ē8	\$ 53.00	1105	5 5,565.00	Processed Labour Costs
1.7	Environmental controls management	8.5	5 53.00	205	\$ 5,565.00	Incressed Labour Costs
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1.9	Dispidation Survey of Work Area Fre and Post	**	\$ 121.00	1.60	\$ 12,705.60	
randonissonen ärada	Construction	89	3 444.00	2005	\$ 12,705,00	Increased Labour Costs
1.10	Insurances & Statutory Fees	48	\$ 15.00		\$ 1,575.00	
1.11	"As Constructed" survey	##	5 120.00	205	\$ 12,800.00	Increased Lebour Costs
1.12	"As Constructed" drawings in Autocad format	6.8	\$ \$0.00	105	\$ 5,250.00	increased Labour Costs
1.13	Presignations reference	3,655				
1.14	LAFHA	night.	\$ 804.00		\$ 32,964.00	
1.15	Accomodation - inc 12.5% mark up fee	night	\$ 290.00	342	5 59,180.00	intrease Labour Component / Timeline
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2.1	Excess the trensit	m	\$ 185.00		5 97,865.00	Increased Datiour Costs
2.2	Dispose of surplus spoil at approved stockpile site	(1)	5 11.00	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	\$ 5,500,00	
2.3	Supply belding resterial	m3	5 31.00		5 4,039.00	
2.4	Supply PVC SN6 & Friday		5 18.00	[529	3 8,464.00	Increased Material Costs
2.5	Back 15 ( 1617 p. 66	m3	\$ 31.00	BSC	5 11,780.00	increased quantity due to deep trench organii 515 was incorned; 535 cornect
2.6	Reinstate trench (pavement)	792	3 94.00	30	\$ 940.00	increased Labour Costs / Increased Material Costs
2,7	Remotate trench (verge)	m2	\$ 11.00	775	\$ 8,525,00	100000000000000000000000000000000000000
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2.3	Excavate entrance and receiving pits	item	\$ 2,074.00	W	\$ 20,740.00	ncreased Labour Costs
2.10	Supply and install pipe (125mm HOPE FN16)	m	5 241.00	550	\$ 131559.00	Increased Labour Costs / Increased Material Costs
2.11	Reinstate trend: (pavement)	m2	\$ 88.00		5	
2.12	Resnotate pit (verge)	item	5 11.00	<b>3</b>	5 220.00	
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	\$ C 2 1 1 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2	promovnosty stylenosty	enerthment on the second			
2.13	Flushing point	each	5 3,257.00	1	5 23,079.00	Increased Labour Costs / Increased Material Costs
į	- Carlotte	May.				225 Maintenance Holes now required /
2.14	Maintenance hole	68.07	\$ 8,000.00	li 💮	5 52,800.00	Increased Labour Costs / Increased Material
			Anterior de l'operation de la company	-		COSTS CONTRACTOR CONTRACTOR CONTR
2.15	Connect to existing maintenance hole/pless station	item	5 8,491.00	7	\$ 24,017.00	increased Lebour Costs / Increased Material Costs
2.15	Property connections	item	5 8,401.00	305	\$ 360,285.00	Increased Labour Costs / Increased Material Costs / Deeper Connections
2.17	CCTV	100	5 1100		5 16,489.00	
2.18	Test and pressure from page	9.8	\$ 79.00	(449	5 118,421.00	
	PCSum Item - Latent Conditions / Unknown		5 1830000		\$ 18,000,00	increase in costs due to additional shoring cost
2.19	unbderground contraks inc rock / de watering /	tem	3 1930000	1	£	A Nacona was
	septic desisties by pass pamping and box shoring			***************************************		a lowances
2.19		tem eg	5 10,000,00		\$ 20,000.00	
	septic desisties by pass pamping and box shoring					
	septic desisties by pass pamping and box shoring	63	5 28,000.00		\$ 20,080,00 \$ 631,061,00	
	septic desisties by pass pamping and box shoring	63			\$ 20,030,00 \$ 631,061,00	allowances  Original \$1.015,439 + \$98,990 (9%)
	septic desisties by pass pamping and box shoring	63	5 28,000.00	Teretta 2	\$ 29,030,000 \$ 633,061,00 \$ 134,825,00 \$ 115,542,50	
	septic desisties by pass pamping and box shoring	63	5 28,000.00	Teretta 2	\$ 20,000.00 \$ 633,061.00 \$ 114.67.00 \$ 111.62.90 \$ 1,063.66	

Note

Item 1.1 Preim investigations - accounted for in current VO

Item 2.2 Establishment - no associated costs if SADE remain on site for duration of project,

If project delayed and SADE to de most from site a demote of \$7,500 and remote fee of \$20,000 will be applied. (Total \$27,500)

Rem 1.5 Service Locations - No Charge - service out on current VO

Rem 1.8 Traffic Management - No associated costs as allowed for in above construction rates

Rem 1.13 Investigations accounted for in current VO

Item 18.3 - Attachment 3

FOR ICAN DATE 24 MAY 2021

item	Description	Gesie	Kate	Oty	Arraget	Comments
1	PRELIMINARIS	gio	**************************************			
11	Preferences site investigation - references	stem.				
1.2	Establishment selementes	lten.		in the same of the		
1.3	Site security	14911	5 2,750.00		5 2,750.00	Increased Lebeur Costs
1.4	Survey - Site Set Out	**	5 120.00	(green and a real and a second a	\$ 5,540,00	Increased Sub Contractor Costs
15	Service locating - references	ten	1			A PROPERTY OF THE PROPERTY OF
16	Quality control and quality assurance	44	5 53.00	32	5 1,543.00	Incressed Labour Costs
1.7	Environmental controls management	48	3 53.90	131		Increased Labour Costs
18	Traffic management reference	teco		*		$\frac{1}{2} \left( \frac{1}{2} \left$
1.9	Dispidation Survey of Work Area Pre and Post Construction	63	5 121.00	11	\$ 3,751.00	Increased Labour Costs
1.30	Insurances & Statutory Fees	+4	S 15.00	The state of the s	5 465.00	CONTROL OF
1.11	"As Constructed" parvey	6.9	5 120.00	35	\$ 3,720.00	Increased Labour Costs
1.12	"As Constructed" drawings in Autocad format,	4.8	\$ 50.00	31	\$ 1,550.00	Increased Labour Costs
2 13	Investigations refer note	1077				
1.14	LAFHA	night	\$ 804.00	18	\$ 14,472.00	Increase Labour Component / Timeline
1.15	Accomodation - inc 12.5% mark up fee	night	\$ 290.00	16.2		increase Labois Component / Timeine
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- Programme (NCM 44-10-10-10-10-10-10-10-10-10-10-10-10-10-	A CONTRACTOR OF THE PARTY OF TH	***************************************	A STATE CONTRACTOR OF THE PROPERTY OF THE PROP	\$ 82,614.00	
2	CAMS OF RASTRUCTURE Treach Replacement	Accessor Conscious	eral av energial en y Asia blassage		in money and the second	
2.1	Escarate transfit	FIS.	\$ 157.00	312	5 49,926.00	Increased Labour Costs
2.2	Dispute of surplus spoil at approved stockpile site	m3	5 11.00		\$ 3,190,00	The state of the s
2.3	Supply bedding material	m3	\$ 31.00	\$0	5 2,489.90	
2.4	Supply PVC SNS & Fatings	195	5 1500		4 800 00	Increased Material Codes
2.5	The control of the co	m3	\$ 11.00	228	3 7,068.00	increased quartity due to deep trench organic \$15 was incorrect \$35 correct
2.6	Reinstata transh (pavement)	m2	5 130.00	36	5 3,900.00	Increased Labour Costs / Increased Material Costs
2.7	Reinstate transh (verge)	162	\$ 11.00	1900	S 1,100,00	
of your beat and the party of		night in the property companies of the party	Marie de activida está desigla actividade de la comunicación de la com		5 72,464.00	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Direction Ording	ideathmant childulantichmichten (800-20	Attender som in the second	Security of the second	Product converse recommence	And the second s
2.9	Excepte entrance and receiving pits	THE PERSON	\$ 2,074.00	2	S 4,148.00	Increased Labour Costs
2.10	Supply and install por (125mm HDPE PN16)	173	5 341.00	100	S 24,190.00	increased Labour Costs / Increased Material Costs
2.33	Reinstate trench (pavement)	m2	\$ 88.00	Brail between the constitution of the constitu	\$	and the second and th

mats reased Labour Costs / Incressed Material 2.15 Connect to existing maintenance hole/pump station item 5 8,481.00 1 \$ 3,431.00 screased Labour Costs / Increased Material 2.16 Property connections \$ 1,349.00 31 103,819.04 Casts / Deeper Connections CCTV
Test and pressure flush page
PC Sum Item - Litent Conditions / Unknown
unbderground stitusies in crock / de watering /
septix destude by pass jumping and shoring
PC Sum Item - Pump Station Re-Fursishment 2.17 4,620.00 5 18,000,00 1 ocrease in costs due to additional shoring cost item 15,000.00 5 20,000,00 1 20,000.00 \* 5 176,810.00 Original \$322,950 + \$37,406 (10%) \$ 16,015.60 CITE Total Inc GST & CITE . 1 \$ 297,382.58

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5 3,297,00 3

5 4,000 00 2

item S

each

2 20 00

creased Labour Costs / Increased Materia

ncreased Labour Costs / Increased Material

Costs 225 Maintenance Holes now required /

2.12

2.13

2.14

Reinstate pit (verge)

Flushing point

Maintenance hole

Note:

Item 1.1 Preses Investigations - accounted for in current VO

Item 1.2 Establishment - no associated costs if SADB remain on site for duration of project.

If project diskayed and SADB to do mob from site a demob of \$7,500 and remob fee of \$20,000 will be applied. (Total \$27,500) item 1.5 Service Locations - No Charge - carried out on current VO

item 1.8 Traffic Management - No associated costs as allowed for in above construction rates item 1.13 Investigations accounted for an current VO