

## Design & Documentation For Mardi Water Transfer System and Dam Raising

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
112242	Shire Services	25/10/2006	NSW Dept Of Commerce	840,318.18	84,090.91	924,409.09	983,671.18	59,262.09	143,353.00
<b>Individual Contract Variations To Date</b>									
Description		Value \$	Description		Value \$				
Variation 1: Mardi Dam Right hand bank wall - Study options to address local resident concerns re flooding/visual impact.		5,989.00	Variation 7: Rationalise Valves And Pipe Work Between Transfer Pump Station And High Lift Pump Station		6,792.00				
Variation 2: Mardi Dam various – (i) Sourcing , investigation and assessment of various site for suitable clay core material; (ii) Changes to the pump station concept design; and (iii) Provision for the future Mangrove Pump Stn.		15,892.00	Variation 8: Mardi Dam various - (i) Amending the Mangrove Pump Station offtake in the Valve House to 1,800mm dia,; and (ii) Provision of a new boatshed and access ramp.		9,963.00				
Variation 3: Mardi Dam (Dam Break Study & Safety Emergency Plan) – additional work requested by Council.		11,000.00	Variation 9 Tuggerah Diversion pipeline – Stage 2, Develop the concept design from Variation 6 with detailed design and documentation.		5,283.00				
Variation 4: Combined Construction Procurement - Contract documents for the Dam Raise & Transfer combined with the High Lift Pump Station. Allow single tender document.		26,200.00	Variation 10: Mardi Dam - Specialist arborist to investigate possible scar tree after the REF was finalised.		436.00				
Variation 5: Flora & Fauna study for the temporary clay stockpile for Mardi Dam – located within the Mardi WTP site.		1,050.00	Variation 11: Participation in the Early Contractor Involvement process.		7,052.00				
Variation 6: Tuggerah Diversion pipeline – Stage 1, Options review, and concept design for an extra pipe line from the Tuggerah Trunk Main to Mardi Dam.		25,460.00	Variation 12: Deletion of the Mardi Dam raising from the scope of works – major change to tender documentation.		28,236.00				

### Additional Contingency Required:

Work is estimated at 98% complete. During construction of significant civil works it is not uncommon for small design changes to be required to accommodate actual site conditions. A small contingency amount of \$10K is sought to permit the designer to address construction issues

## Documentation Concept and Detailed Design & Mardi High Lift Pump Station

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
108619	Shire Services	25/10/2006	NSW Department of Commerce	321,400.90	31,818.18	353,218.00	415,974.90	62,756.00	94,574
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description				Value \$
Variation 1 - Location Of Existing Pipe Lines				5,400.00	Variation 8 - Rationalise Valves And Pipe Work Between Transfer Pump Station And High Lift Pump Station				5,492.00
Variation 2 - Electrical Design For Future Mangrove Pump Station				2,808.00	Variation 9 - Combine Electrical Sections of Technical Specifications to rationalise electrical specified requirements.				13,944.00
Variation 3 – Investigation of Isolation Valves				6,400.00	Variation 10 - Participation In the Early Contractor Involvement (ECI) Process				11,690.00
Variation 5 - Further Geotechnical Investigation				6,500.00	Variation 11 - Electrical Document Changes For Inclusion Of New Transformers				4,450.00
Variation 6 - Combined Construction Procurement - Contract documents for the Dam Raise & Transfer combined with the High Lift Pump Station. Allow single tender document.				23,500.00	Variation 12 Document changes for amendments to identification details				1,408.00
Variation 7 – Design change to Pump Station Building to replace stairway with access doors.				3,670.00	Variation 13 Document changes following ECI Process				9,312.00

### Additional Contingency Required:

Work under the contract is estimated at 98% complete. During construction of significant civil works it is not uncommon for small design changes to be required to accommodate actual site conditions. A small contingency amount of \$10K is sought to permit the designer to address construction issues.

## Supply and Installation of SCA's and Associated Work for Lower Wyong River Water Pump Station No.1

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
122601	Shire Services	23/05/2007	O'Donnell Griffin Pty Ltd	207,341.00	20,919.00	228,260.00	251,350.93	23,090.93	44,009.93
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description			Value \$	
Variation 1 - Inclusion of fast acting fuses				6,912.00	Variation 15 Supply and Installation of start delay timer for each pump			1,500.00	
Variation 3 - Upgrade of Power Factor Connection Cabling				391.20	Variation 16 Isolation of power factor Correction units during pump start stop			1,178.00	
Variation 4 - Substitute Flexible for Stranded Consumers Mains				3,536.18	Variation 18 Cancellation of previously approved Variation 13.			-\$8693.00	
Variation 6 - Reinstallation of Bore Pump Control and Monitoring Equipment.				480.00	Variation 17 Supply and Install conduits and cabling to bore pump and bore pump flowmeter			8,295.00	
Variation 8 - Connection Of New Flowmeters not in original contract.				990.00	Variation 19 Kiosk substation relocation			3,200.00	
Variation 9 - Reconnection Of River -Level Sensors To Old Switchboard				5,751.00	Variation 20 Extended scaffold hire period			350.00	
Variation 10 - Provision Of Sump Pump And Flood Alarm				3,591.00	Variation 21 Energy Australia charges for work inspections/approvals			1,890.00	
Variation 11 - Supply And Install Inlet Screen Sensor				2,968.00	Variation 22 Site amenities - cost for extension to keep on site.			249.00	
Variation 13 - Replace Damaged Conduit and Replace Cabling To Bore Pump				8,693.30	Variation 23 Modifications to pump motor heater connections			222.00	
Variation 14 - Addition Of Two Ammeters To Vacuum Pump Starters				796.00	Variation 24 Modifications to flowmeter earthing			570.00	
					Variation 25 Replacement meter panel			1,131.50	

### Additional Contingency Required:

Work under the contract is 100% complete, however some minor variations are still to be determined. An additional contingency amount of \$10k is therefore sought.

# Lower Wyong River to Mardi Dam Transfer Upgrade Pump Station No.1 & Construction of High Voltage Power Supply

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
123594	Shire Services	23/05/2007	Power Serve Pty Ltd	159,121.00	16,000.00	175,121.00	265,438.00	90,317.00	106,317.00
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description			Value \$	
Variation 1 - Provision of elevated concrete plinth for substation - – work was deleted from civil contract and placed in electrical contract at similar cost				99,617.00	Variation 4 - Working outside normal hours to accelerate completion to bring station back on line			4,500.00	
Variation 2 - Provision of Redline drawings (approval drawing from Energy Australia)				2,200.00					

## Additional Contingency Required:

Work under the contract is estimated at 98% complete with some minor variations still to be submitted. An additional contingency amount of \$10k is therefore sought.

## Design Documentation Engineering Works Rehabilitation Bateau Bay Landfill Pat Morley Oval

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
2314	Shire Services	27/08/2003	Urs Australia Pty Ltd	235,023.63	23,636.36	258,660.00	521,156.00	262,496.00	286,132.47
Individual Contract Variations To Date									
Description				Value \$	Description				Value \$
Variation 1 – Attendance of URS personnel at additional project scope definition meeting				2,901.82	Variation 11 - Amendment to DA drawings to reflect cycleways, revised car park entry etc				8,400.00
Variation 2 - Sensitivity study of subsurface drainage to maximise opportunity for stormwater reuse				6,980.00	Variation 12 - Cost adjustment to Schedule of Prices Item Nos 4, 5, 6, 7 & 8				3,790.20
Variation 3 - Attendance of URS personnel at additional concept design workshop – not included in original Brief.				7,300.00	Variation 13 - Post tender advice and additional design services				61,855.00
Variation 4 - Attendance of URS personnel at additional meeting with adjacent landowner				826.50	Variation 14 – Redesign of site electrical system to cater for final electrical loads and local lighting distribution boards				26,000.00
Variation 5 - Amendment of Remediation Action Plan to reflect final design proposals				950.00	Variation 15 – Design amendment to the Wildlife Corridor landscape plans to reflect DA condition for local provenance				7,300.00
Variation 6 - Preparation of Voluntary Remediation Agreement for submission to DECC				2,550.00	Variation 16 – Site Supervision & design support services				50,000.00
Variation 7 – Detailed design of recycled water and irrigation systems				17,809.00	Variation 17 – Additional hydraulic modelling of surface drainage system to satisfy DA conditions				8,876.72
Variation 8 - Detailed design of cycleway and pedestrian bridge				7,438.00	Variation 18 – Provision of management support to sampling and analysis plan				27,454.55
Variation 9 - Amendment to EIS & DA drawings to reflect final design proposals				3,510.00	Variation 19 – Additional design works for extension of Passage Rd to satisfy DA conditions				19,034.87
Variation 10 - Revision to EIS to reflect revised car park entry and hardcourt lighting				4,400.00	Variation 20 – Additional design works for western drainage channel to satisfy concerns of adjacent landholder				18,749.81

**Additional Contingency Required:** Construction phase of project is approx. 75% complete. No additional contingency is sought to this design consultancy. During the course of construction to date, there has been a need to revise the design to accommodate site conditions. There is potential for further variations which will be dependent upon construction progress. Should it become necessary to seek additional contingency, the request will be included in a future monthly Contract Variation Report to Council.

# Construction Of Wadalba Sports Facility

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
99940	Shire Services	14/06/2006	Projectcorp Australia Pty Ltd	5,315,123.00	400,000.00  (additional contingency of \$100k approved by Council 12/12/07)	5,715,123.00	5,787,295.45	72,172.45	472,172.45
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description			Value \$	
Variation 1 - Sewer rising main - change pipe material				1,112.91	Variation 18 - Subgrade replacement to Van Stappen Rd - latent condition			15,430.60	
Variation 2 - Ecologist wildlife catcher to separate and inspect trees and vegetation during clearing				3,715.73	Variation 19 - Subgrade replacement to carpark 3 - latent condition			39,138.44	
Variation 3 - Skate park changes				42,960.10	Variation 20 - Connection water supply to irrigation system			1,329.11	
Variation 4 - Additional Traffic signage as per Traffic Management Plan				2,416.93	Variation 21 - Removal of suspected scar tree - delays while Council investigated claim			\$1,954.31	
Variation 5 - Underground Water tank removal - latent condition.				5,353.35	Variation 22 - Anti graffiti coating - deletion (saving)			(-\$9,012.00)	
Variation 6 - Re-blending of site soils to provide suitable materials for use on site				67,068.75	Variation 23 - Buried well under skatepark site – demolish and backfill – latent condition			6,394.46	
Variation 7 - Underground pit removal from old house demolished on site and backfill – latent condition				21,922.22	Variation 24 - Stormwater extension to Van Stappen Rd			3,929.86	
Variation 8 - Buried rubbish to Basin 2 removal and backfill – latent condition				11,971.84	Variation 25 - Reinforcing mesh to future clubroom ceilings			947.60	
Variation 10 - Subgrade replacement to carpark 1 - latent condition				14,445.81	Variation 26 - Rock excavation – latent condition			1,558.48	
Variation 11 - Box Culvert - extended 1.377m to suit site conditions				4,853.46	Variation 27 - Ceramic Tiled skirtings to Amenities building			2,857.75	
Variation 12 - Relocation of 200mm water mains trench – latent condition				3,345.35	Variation 28 - Delete water bubbler - (saving)			(-\$5,072.00)	
Variation 13 - Lining to dams due to lack of suitable site materials				72,360.81	Variation 30 - Irrigation changes - deletion (saving)			(-15,178.50)	

## Construction Of Wadalba Sports Facility (contd)

Individual Contract Variations To Date			
Description	Value \$	Description	Value \$
Variation 15 - Dam 2 enlargement to allow better use of recycled water with adjacent school	29,370.00	Variation 31 - Deletion of BMX track (saving)	(-74,311.00)
Variation 16 - Kerb and gutter to Van Stappen Rd – design improvement	11,405.42	Variation 32 - Upgrade Stormwater to Class 3	565.75
Variation 17 - Electrical lighting conduits under Van Stappen Rd	8,245.00	Variation 33 - Delete coloured concrete to paving (saving)	(-36,223.00)
Variation 34 - Soilmix Additives - not included in original design and necessary for soil conditioning	5,215.25	Variation 50 - Louisiana Road Temporary Fence Relocation	2,760.00
Variation 35 - Lighting to services corridor amenities building	1,546.75	Variation 51 - Handrail adjustment to carpark #2 stairs	172.50
Variation 36 - Irrigation line from basin # 2 to school & associated works	13,213.50	Variation 52 - Skatepark Ag-line adjustment	3,733.90
Variation 37 - Landscaping to northern embankment playing field	5,227.90	Variation 54 - Sewer rising main credit (saving)	(-1724.98)
Variation 38 - Water cart turning bay - surveyor's costs	782.00	Variation 56 - Additional Cycleway extension	851.72
Variation 39 - Children's playground - changes to levels	11,319.45	Variation 57 - Relocate light poles - footpath adjustment north-east corner	856.75
Variation 40 - Subsoil drainage line along Van Stappen Rd	14,705.05	Variation 58 - Hot water unit cabling proposal	3,651.25
Variation 41 - Landscaping to deleted BMX area	8,000.00	Variation 59 - Sand Carpet Deed Agreement between WSC, ProjectCorp and Bolte construction	100,000.00
Variation 42 - Extension of stormwater pit	1,090.78	Variation 60 - Credit 7mm Primer Seal Skatepark (saving)	(-1,000.00)
Variation 43 - Cable pit to sewer pump station cable	690.00	Variation 61 - Deleted Pipes & Headwall Carpark 1 (saving)	(-3,420.00)
Variation 44 - Raise stormwater pits 2/1 & 8/1	885.50	Variation 62 - Additional Electrical Service Works	5,336.17
Variation 45 - Credit for painting to curved brick wall (saving)	(-180.00)	Variation 63 - Irrigation Cabinet Upstand & Cover	1,046.50
Variation 46 – Improvements to concrete drain to south end of hard courts	2,924.45	Variation 65 - Credit for damaged goal posts (saving)	(-400)
Variation 47 – Hard court fencing - additional bracing wires	948.75	Variation - Payment of adjudicator' determination application re: Security of Payments Claim	138,129.47
Variation 49 - Playground softfall	1,035.52	Back Charges for electricity, liquidated damages & work not to specification (saving)	(-78,253.04)

**Additional Contingency Required:** Work under the contract is estimated at 98% complete. No further variations are expected.

## Lower Wyong River To Mardi Dam Transfer Upgrade

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
116777	Shire Services	09/05/2007	Diona Pty Ltd	3,362,002.81	336,363.64	3,698,366.45	3,728,164.66	29,798.21	366,162.21
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description			Value \$	
Variation 1 Supply additional flowmeter				14,363.50	Variation 14 Installation of subsoil drains where previously not included			14,882.73	
Variation 2 Certification of contractor supplied fittings				3,450.00	Variation 15 Extra Gabion Mattress			1,048.15	
Variation 3 Gas/oil pipe line crossing				10,714.92	Variation 16 Acid Sulphate Soil Testing			575.00	
Variation 4 Increased concrete strength				1,813.32	Variation 17 Extra Reinforcing in Headstocks			1,398.00	
Variation 5 Construction of roadside drainage Sept 07				10,417.92	Variation 18 Provision of access hatch and steps to pig launching pit			2,318.14	
Variation 6 Extension of pipe manifold				22,863.10	Variation 19 Safety yellow tread nosing to access stairs			1,408.06	
Variation 7 Additional riverbank restoration to extend protection works				25,541.97	Variation 20 Concrete encasement of conduit			494.45	
Variation 8 Changes in metalwork				7,598.92	Variation 21 Supply of stainless steel washers			725.00	
Variation.9 Changes in pig launching and receiving pits				16,695.71	Variation 22 Upgrade of table drain along Old Maitland Road			42,368.00	
Variation 10 Old Maitland Road redesign to meet Australian Standards				55,504.75	Variation 23 Extension of work on design of road in accordance with Austroads standards			38,408.30	
Variation 11 Restoration of Wyong Pump Station walls				26,421.82	Variation 24 600mm pipework and fittings for magflow meter			17,321.00	
Variation 11b Adjustment to Restoration Wyong Pump Station Walls				801.68	Variation 25 Provision of thrust/Puddle Flanges to 450mm discharge pipes from Wyong River Pump Station			512.76	
Variation 12 Importation of ballast				27,054.55	Variation No.26 Supply and installation of a concrete protection slab over the pipeline			736.90	
Variation 13 Realignment of Pipe Line Across Old Maitland Road				12,864.10	Variation No.27 Supply and installation of adaptor flanges for the 1000mm flowmeter in pig launching pit			7,859.10	

**Additional Contingency Required:**

The substantive works under the contract are complete. The final expected contract sum is \$3,728,164. No further claims for variations are expected.



## Operation & Management of Budgewoi / Canton Beach / Norah Head / Toowoan Bay Holiday Parks for a Period of Three Years (With Extension Options of Further Two Years)

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
115020, 115021, 115022, 115023.	Shire Services	13/09/2006	Australian Tourist Park Management	As per tendered % of profit plus monthly retainer: Estimates only based on Holiday Parks' Business Strategy:  Budgewoi 1,172,394  Canton Beach 1,213,683  Norah Head 1,468,400  Toowoan Bay 1,961,550	N/A	Budgewoi 1,172,394  Canton Beach 1,213,683  Norah Head 1,468,400  Toowoan Bay 1,961,550	Budgewoi 1,172,394  Canton Beach 1,213,683  Norah Head 1,468,400  Toowoan Bay 1,961,550	As contract value is dependent on profit at each Holiday Park, no specific variance is reported at this time.	Variation of \$8,955 per park, or a total of \$35,820 across the four parks
Individual Contract Variations To Date									
Description				Value \$					
Variation 1 – Provide management, enquiry and booking services via the "1800" telephone number for each Holiday Park.				8,955.00 (per Park)					

### Additional Contingency Required:

The Holiday Parks contracts are primarily based upon a profit share between Council & the contractor. The approved contract values are therefore an estimate only based upon anticipated revenue and expenses as defined in the Holiday Parks' Business Strategy. No contingency is therefore requested as the variations approved are relatively small and represent only a small percentage of the estimated total contract value.

## Construction of The Entrance Community Centre Stage 2

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
140816	Shire Services	25/06/2008	B.R. McKenzie Constructions	2,174,679	217,467.90	2,392,147	2,179,982.63	N/A	5,303.63
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description				Value \$
Variation 1 - Relocate Security Control Panel to Bldg C and upgrade security system to provide for individual zones for each of Bldg C, D, E & F. Not included in RFT documents				3,481.00	Variation 8 - Additional work for removal of asbestos in Building E				816.56
Variation 7 - Accelerate removal of existing fence from Oakland Ave and part Battley Ave and provide temporary perimeter security fencing to these boundaries.				1,006.07					

### Additional Contingency Required:

The contract was approved by Council with a contingency of \$217,468, giving a total budget of \$2,392,147. The contingency funds as approved are expected at this time to cover any further necessary variations. As such, no further contingency is required.

## Design and Construction - Woongarra Sportsground

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
94559	Shire Services	09/11/2005	Northrop Engineers	282,895.00	28,000.00	310,895	305,960.00	N/A	23,065.00
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description				Value \$
Variation 1 – Traffic Assessment Report not in original Brief				5,000.00	Variation 3 - Concept Planning To Accommodate Rugby Clubhouse				6,700.00
Variation 2 - Additional surveys - Hakone Road				1,900.00	Variation 4 - Engineering Architectural Landscape And Quantity Survey Input Re: Expansion Of Amenities Bldg				9,465.00

### Additional Contingency Required:

An additional contingency amount of \$20k is required to cover potential shortfalls in the approved budget arising from design changes which have not yet been fully finalised.

## Provision of Professional Engineering Consulting Services For the Mardi to Mangrove Link

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
130386	Shire Services	12/12/2007 & 27/08/2008 (contract amended)	GHD Pty Ltd	7,846,476 (as amended by Council – original value \$5.944 million)	592,727.27	8,439,203.27	6,914,181.36	N/A	1,069,705

### Individual Contract Variations To Date

Description	Value \$	Description	Value \$
Variation 1 - Tunnel Option Review	60,000.00	Variation VO-012 - Revised Schedule of Rates - Rise and Fall Increase	152,613.00
Variation 2 - Project Schedule Management	15,611.00	Variation VO-014 - Survey for Work Packages 1 and 2	24,000.00
Variation 3 - Geotechnical Investigations	131,766.00	Variation 16 - Off-Take Structure And Pumping Station Analysis	23,715.00
Variation 4 - Advice on Easement Acquisition Strategy	15,000.00	Variation 17 - "Partial Pause" To Contract Core Team Costs	80,000.00
Variation 5 - Provision Of Constructability Advice	4,000.00	Variation VO-020 Additional Geotechnical Investigations Work Package 7	300,000.00
Variation 6 - Additional Investigation For Route 1c	125,000.00	Variation 20 - Provision Of A Project OH&S Plan And Project Safe Work Method Statements	30,000.00
Variation VO-011 - Yarramalong Road Shared Costs	25,000.00	Variation V-022 - Probabilistic Cost Estimating advice as requested by Council	83,000.00

### Additional Contingency Required:

Council resolved at its meeting of 27 August 2008 to increase the contract by \$1.902 million for pre-construction phase work. No further contingency is therefore required at this stage. Reported for information only.

## Provision of Project Management Services to Deliver Capital Works

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
94424	Shire Services	14/12/2005 & 27/08/2008 (contract amended)	NSW Dept. of Commerce	13,294,198  (as amended by Council – original value \$6.36 million)	636,363.64	13,930,561.64	13,294,198.00	N/A	6,933,421 (increase over original contract value of \$6.36 million)
<b>Individual Contract Variations To Date (refer Council Business Paper of 27 August 2008)</b>									
Description			Value \$	Description			Value \$		
Increase to Projects Within Original Scope			3,678,924.27	Warnervale Water: WTC & WEZ			172,526.00		
Reclaimed Effluent Extensions			64,137.00	Mooney Mooney Dam Transfer Upgrade			13,603.00		
Temporary Desalination Investigations & Designs			462,333.00	Bateau Bay Landfill Rehabilitation			359,693.75		
Porters Creek Weir			186,857.00	Council & HWC Hunterlink – Commonwealth Funding Management			143,506.00		
Lower Mangrove to Mooney Pipeline			377,075.68	Bunning Creek Tunnel			8,363.00		
Balickera Pre-Treatment			11,911.00	External Project Management			8,285.00		
Ourimbah Creek Weir Bypass Flow Reduction			40,817.62	Minnesota-Warnervale Intersection Upgrade			185,120.00		
Vales Point Effluent Re-Use			12,452.00	Mataram Culvert Upgrade			107,356.66		
Mardi Area Power Supply			285,000.00	T22 Sewer Pump Station Upgrade			113,417.97		
Warnervale to Mardi Stormwater Harvesting Main			TBA	C3 Sewer Pump Station Upgrade			4,849.23		
Warnervale Sewerage: WTC & WEZ			700,193.00						

### Additional Contingency Required:

Council resolved at its meeting of 27 August 2008 to increase the contract by \$6.933 million to cover variations to the original scope of work plus provision for future additional work. No further contingency required. Reported for information only.

## Intersection Upgrade – Warnervale & Minnesota Roads

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
137955	Shire Services	26/03/2008	C & W Constructions Pty Ltd	991,520.00	100,000.00	1,091,520.00	1,281,382.85	189,862.85	289,862.85
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description				Value \$
Variation 6 - Street Lighting construction by C&W Constructions as extra scope of work to Minnesota and Warnervale Road intersection upgrade				142,186.00	Variation 26 - Time required to undertake variation works for Asphalt thickening as directed by the Superintendent. (5 days). Approved internally to enable payment to be processed in accordance with claim lodged under the NSW Security of Payments Act.				147,676.85

### Additional Contingency Required:

Work under the contract has been completed. There are a number of minor variation claims still being considered. An additional contingency amount of \$60k is sought to cover the potential additional costs should these variations be approved.

## Goorama Avenue, San Remo. Emu Drive to Highview Avenue. Design for Upgrading

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
2477	Shire Services	N/A Staff Delegation 09/05/2005	Cardno (NSW) Pty Ltd	120,029.00	N/A	120,029.00	249,829.00	99,829.00	99,829.00
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description			Value \$	
Variation No. 1 And No.2 Undertake Additional Traffic Analysis and Prepare Options Report For Community Consultation				34,320.00	Variation No.3 Inclusion of Richardson Rd Into Design Requirements			30,467.00	
Variation No.2 Carry out Traffic Survey				542.00	Variation No.4 Additional Detailed Designs For Road & Drainage Richardson Road			54,700.00	

### Additional Contingency Required:

No contingency is sought. The final cost of the contract is anticipated to be \$249,829.

## Provision of External Cleaning Services to Various Town Centres

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
2540	Shire Services	N/A Staff Delegation June 2005	Riverina Clean & Capture	124,331.18	N/A	124,331.18	199,313.92	74,982.74	74,982.74
<b>Individual Contract Variations To Date</b>									
Description			Value \$	Description			Value \$		
Variation 1 – Exercise 1 <sup>st</sup> year optional extension			As per schedule of rates	Variation 2 – Exercise 2 <sup>nd</sup> year optional extension			As per schedule of rates		

### Additional Contingency Required:

No contingency is sought at this time. Should the final third year extension option be exercised, a subsequent report to Council will be made requesting approval for the extension.



## Warnervale Water Supply And Sewerage Review of Environmental Factors

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
122995	Shire Services	N/A Staff Delegation May 2007	GHD Pty Ltd - Newcastle	33,182.09	N/A	33,182.09	131,482.87	98,300.78	98,300.78
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description			Value \$	
Variation 1 Investigation of Line 1 within WTC Stage 1 – additional to original scope of works for REF				5,300.00	Variation 8 Stage 2 aboriginal heritage assessment at WEZ sewer and water near Buttonderry creek			11,435.00	
Variation 3 Compliance with equine influenza protocol				8,500.00	Variation 9 Stage 2 aboriginal heritage assessment for WTC stage 2 sewer			11,547.00	
Variation 4 Prepare additional revision (rev 2) of draft based on additional archaeological and ecological reports supplied by Council				9,443.00	Variation10 Undertake additional ecological assessment to locate endangered flora species (Wyong Daisy)			29,653.00	
Variation 5 Additional management and reporting costs during contract extension to end December 2007				5,586.00	Variation 11 Indigenous stakeholder participation in stage 2 aboriginal heritage assessment Buttonderry Creek in the WEZ			2,272.38	
Variation 6 Additional management and reporting costs during contract extension to end February 2008				2,443.00	Variation.12 Management and reporting during contract extension until 30/06/08			2,528.40	
Variation 7 Additional management and reporting costs during extension up to 30/04/08				2,940.00	Variation 13 Additional Ecological Survey for the changed alignment of Line A due to relocation of pump station and changed rising main alignment			6,653.00	

### Additional Contingency Required:

Work under this contract is 70% complete. Additional work on ecological assessments was directed following changes to initial options for pipeline routes and pump station locations due to RTA requirements for future Sparks Rd widening and discovery of threatened species in a number of areas. These have been significant changes to the original scope of works.

## Construction Of Killarney Vale Shared Pathway (West)

Contract Number	Department	Date of Council Approval	Contractor	Approved Contract Value \$	Contingency Amount (if any) \$	Total Approved Budget \$	Current Actual Contract Value Including Variations \$	Variance – Approved to Actual \$	Total Value of Variations \$
145812	Shire Services	N/A Staff Delegation May 2008	Laing Concretors Pty Ltd	90,000	N/A	90,000	157,107.13	67,107.13	67,107.13
<b>Individual Contract Variations To Date</b>									
Description				Value \$	Description				Value \$
Variation 1 - Additional Imported Topsoil To Complete Pathway Over and Above Expected Requirements– additional work not in original rates				6,739.68	Variation 4 - Fill Low Areas Of Reserve Lucinda Ave Side– additional work not in original rates				3,454.55
Variation 2 - Increase Path Thickness 125mm To 200mm And Additional Layer Of Mesh At Crossing Points – at provided rates				21,138.36	Variation 5 - Excavate And Load Out Tree Stumps, Relocate Stockpiles And Tip Fees For Green Waste – additional work not in original rates				23,698.18
Variation 3 - Provide Concrete Pump To Place Concrete as No Truck Access – at provided rates				12,076.36					

### Additional Contingency Required:

Variations approved to date have been sufficient to enable the work to be completed as required. No further contingency is therefore sought.