



NOTICE OF PROPOSED VARIATION No. 17 – Rev1

DATE: 11 March 2021

CONTRACTOR: FGF Developments Pty Ltd

PRINCIPAL: Cairns Regional Council

PROJECT NAME: Kamerunga DN600 Trunk Water Main

CONTRACT No.: 75553

The Principal proposes the following variation:

Harley Street Drainage

Supply and installation of various sized Reinforced Concrete Pipe (R.C.P.) as part of upgrades to stormwater drainage infrastructure along Harley Street and Cowley Street, Kamerunga including associated drainage structures and reinstatement works.

As requested by Council via correspondence received on 8 December 2020 and subsequent ongoing discussions, we provide this revised notice of proposed variation (NPV017) for Council's consideration based on construction issue Harley Street Drainage design drawings issued by CRC as itemised below:

Document No.	Document Title	Latest Rev.	Date Latest Revision Received in Office.
60622967-02-DI-01	Harley St Drainage Upgrade Locality Plan and Drawing Index	0	23-Feb-21
60622967-02-SN-01	Harley St Drainage Upgrade Standard Notes	0	23-Feb-21
60622967-02-TC-01	Harley St Drainage Upgrade Typical Sections and Details	0	23-Feb-21
60622967-02-GA-01	Harley St Drainage Upgrade General Arrangement Plan	0	23-Feb-21
60622967-02-LS-01	Harley St Drainage Upgrade Detailed Setout Plan	0	23-Feb-21
60622967-02-SC-01	Harley St Drainage Upgrade Stormwater Circulation Tables	0	23-Feb-21
60622967-02-MD-01	Harley St Drainage Upgrade Miscellaneous Details	0	23-Feb-21

Our offer is extra over to the Contract 75553 scope of works and based upon installing the new stormwater pipes concurrently with the new Kamerunga DN600 trunk watermain due to similar pipe alignments along Harley Street. This is reflected in our NPV17 pricing including the restoration items. We anticipate the works to be carried out in the June/July school holiday period (subject to commencement of Separable Portion B and CRC consultation with the school) however advise the pit construction and reinstatement works are likely to be incomplete when school returns. We will aim to complete the major pipe work and reinstate the school access roads and carpark to a serviceable condition during the school holidays however we cannot guarantee no further impact while completing the remaining ancillary works once school returns.

Additional works required for installation of drainage lines 01, 02 (not including future 375 line 1/02 to 2/02) and 03 is itemised on AECOM's schedule of quantities.

We have allowed to install CRC supplied 813OD MSCL Pipe in lieu of DN750 RCP's as requested by CRC based on current lead times of the RCP's.

We have made no allowance to upgrade or modify existing kerb inlet pit 6/01 at Ch 114.399 and have provided a provisional sum item to break into the existing kerb inlet pit and connect the new DN900 RCP.

Notes and clarifications are listed at the bottom of the attached NPV017 Pricing Schedule.

Notice of Proposed Variation Estimate (GST Exclusive): \$ 427,058.86

Extension of Time: 5 weeks

Brendan Rogina

Contractor


Signature

11/03/2021

Date

CAIRNS REGIONAL COUNCIL USE ONLY

Approved / Not Approved

.....

Superintendent

.....

Signature

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Date

Recommendation:

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Part 3 – VARIATION SCHEDULE

Please see attached NPV017 Pricing Schedule dated 10 March 2021.

Project: **Contract 75553 - Kamerunga DN600 Trunk Watermain**
 Client: Cairns Regional Council
 Variation: NPV017 - Harley Street Drainage Works - Rev 1
 Date: 10/03/2021



Item	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ESTABLISHMENT				
9001	Site Establishment and Preliminaries				
(a)	Provision of insurances and Building & Construction Industry Levy (QLeave)	1	Item	\$ 4,853.00	\$ 4,853.00
(b)	Location of Existing Services	1	Item	Included under Contract 75553	
(c)	Mobilisation/Demobilisation	1	Item	Included under Contract 75553	
(d)	Full time on-site supervision and survey Setout	1	Item	\$ 28,777.60	\$ 28,777.60
9002	Provision for traffic	1	Item	\$ 41,930.20	\$ 41,930.20
9003	Traffic Management Plan	1	Item	Included under Contract 75553	
9004	Develop and implement Environmental Management Plan (Construction)	1	Item	Included under Contract 75553	
9005	Implement Environmental Management Plan (Construction)	1	Item	Included under Contract 75553	
NEW	CCTV Inspection of Stormwater Pipe upon completion	242	m	\$ 7.00	\$ 1,694.00
Subtotal	ESTABLISHMENT				\$ 77,254.80
	DEMOLITIONS				
9007	Clearing and grubbing	181	m2	\$ 7.30	\$ 1,321.30
9008	Strip topsoil	181	m2	\$ 15.60	\$ 2,823.60
9009	Removal or demolition of concrete slabs [existing footpaths]	110	m2	\$ 86.20	\$ 9,482.00
9010	Removal or demolition of existing traffic islands	11	m2	Included under Contract 75553	
9012	Demolish existing kerb (all types)	199	m	\$ 45.40	\$ 9,034.60
9016	Remove existing sign and post	2	each	\$ 219.10	\$ 438.20
9018	Demolish existing stormwater pipes	25	m	\$ 179.20	\$ 4,480.00
9019	Demolish existing stormwater pits	2	each	\$ 1,766.70	\$ 3,533.40
Subtotal	DEMOLITIONS				\$ 31,113.10
	DRAINAGE				
9021.2	Stormwater gully pits - "M" lintel, lip in line - 2/02 and 3/02	2	each	\$ 10,406.40	\$ 20,812.80
9021.3	Stormwater gully pits - "L" lintel, lip in line - 3/01 and 5/01	2	each	\$ 13,080.70	\$ 26,161.40
9021.4	Stormwater gully pits - "M" lintel, lip in line with 1800 x 1400 manhole - 2/01	1	each	\$ 18,190.70	\$ 18,190.70
9023.1	Stormwater field inlet (TMR type 2) - 1800 x 900 - 1/01	1	each	\$ 15,800.30	\$ 15,800.30
9023.2	Stormwater V-Grate pits - 1200 x 1200 manhole - 4/01	1	each	\$ 10,064.40	\$ 10,064.40
9023.3	Stormwater grated pits - 900 x 600 - 1/03 and 2/03	2	each	\$ 8,545.50	\$ 17,091.00
9024.2	Stormwater pipe 375 RCP	26	m	\$ 334.10	\$ 8,686.60
9024.3	Stormwater pipe 450 RCP	28	m	\$ 384.10	\$ 10,754.80
9024.6	Stormwater pipe 750 RCP 813OD MSCL Pipe (supplied by CRC)	162	m		\$ -
(a)	Rubber Ring Jointed (7 x 12.2m lengths)	85.4	m	\$ 251.29	\$ 21,460.17
(b)	Welded spherical slip-in jointed (7 x 12.2m lengths)	76.6	m	\$ 412.18	\$ 31,572.99
(c)	Loading/Unloading and Transport of 813OD MSCL Pipe from Kamerunga Pipefarm to site	1	Item	\$ 4,347.00	\$ 4,347.00
9024.7	Stormwater pipe 900 RCP	26	m	\$ 675.10	\$ 17,552.60
9026	Subsoil drains	90	m	\$ 52.00	\$ 4,680.00
Subtotal	DRAINAGE				\$ 207,174.76
	CONCRETE WORKS				
9031.00	Concrete kerb and channel, [FNQROC barrier]	47	m	\$ 148.70	\$ 6,988.90
9032.00	Concrete kerb and channel, [FNQROC layback]	30	m	\$ 157.30	\$ 4,719.00
9033.00	Concrete invert, [FNQROC Type 2]	72	m	\$ 136.60	\$ 9,835.20
9035	Concrete kerb [FNQROC semi-mountable]	38	m	\$ 119.90	\$ 4,556.20
9037.1	Kerb ramps	1	each	\$ 953.30	\$ 953.30
9038	Footpath/reinforced slab (100mm thick)	45	m2	\$ 227.70	\$ 10,246.50
9040	Concrete to islands, patterned finish	11	m2	Included under Contract 75553	
Subtotal	CONCRETE WORKS				\$ 37,299.10
	EARTHWORKS				
9041.00	Milling existing asphalt	354	m2	\$ 17.70	\$ 6,265.80
9043.00	Embankment footpaths/verges	65	m3	\$ 35.30	\$ 2,294.50
9049.00	Turf	208	m2	\$ 10.00	\$ 2,080.00
NEW	Saw Cut Existing Pavement		m	\$ 15.00	Rate Only
NEW	Replacement of unsuitable subgrade material		m	\$ 90.90	Rate Only
Subtotal	EARTHWORKS				\$ 10,640.30

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Item	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
PAVEMENT AND SURFACING TREATMENTS					
9051.00	Road Pavement - Unbound Type 2.1 to match thickness of existing pavement (excluding asphalt surfacing) - allow 300mm depth	306	m2	\$ 42.00	\$ 12,852.00
9061.10	Asphalt AC14M (A15E) - 50mm (Type A)	396	m2	\$ 89.50	\$ 35,442.00
Subtotal	PAVEMENT AND SURFACING TREATMENTS				\$ 48,294.00
ROAD FURNITURE					
9071.10	Reinstate existing signage	2	each	\$ 529.70	\$ 1,059.40
9071.20	Support existing Solar School Zone sign	1	each	\$ 1,004.00	\$ 1,004.00
9073.10	Line marking - lines (including RRPM's)	1	lump sum	\$ 1,500.00	\$ 1,500.00
Subtotal	ROAD FURNITURE				\$ 3,563.40
MODIFICATION TO SERVICES					
9141.00	Services identification and potholing	1	lump sum	Included under Contract 75553	
9142.00	Hand excavation and compaction around services	1	lump sum	Included under Contract 75553	
9143.00	Watermain (150mm CI) adjust for new stormwater (provisional quantity)	10	m	\$ 361.50	\$ 3,615.00
9144.00	Telstra cable lower/raise (provisional quantity)	5	m	\$ 292.10	\$ 1,460.50
9145.00	As constructed plans				
(a)	Handover Documentation (inclusive of survey and as-constructed drawings)	1	Item	\$ 4,056.40	\$ 4,056.40
(b)	Structural Certification (QBCC Form 16) (if required)	1	Item	\$ 2,587.50	\$ 2,587.50
Subtotal	MODIFICATION TO SERVICES				\$ 11,719.40

Total NPV017 (excluding gst)

\$ 427,058.86

Notes and Clarifications in accordance with Contract 75553 tender submission

Scope of works is defined by the items and quantities as depicted in the above pricing schedule

No allowance has been made for the following:

- Trench Dewatering using spears
- All relevant application fees, charges and levies
- Public Notification or liaising with Peace Lutheran College
- Night works
- Priming of profiled surfaces, a tack coat will be applied along the profiled edges only
- Strain alleviating membrane depicted on cut-in detail