

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Tuesday, 15 April 2014 1:38 PM  
**To:** Breen, Mike J  
**Subject:** Purchase Order Number  
**Attachments:** 20140415132735123.pdf

Mike,

Attached above is the Purchase Order Number which must be clearly visible on your invoice back to Land Development Agency once the Overland Flow study for Rivett Block 13 Section 28 is finalised.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)



**ACT**  
Government

Land  
Development  
Agency  
CANBERRA FIRST

ABN: 20 419 925 579

### Purchase Order

Send To
MOTT MACDONALD AUSTRALIA PTY LTD PO BOX 224 CIVIC SQUARE, ACT 2608

Deliver To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

Invoice To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

**Order Number: L14399**

Please quote this number on all deliveries and invoices.  
Please supply the undermentioned goods/services in accordance with the terms and conditions.

<b>Supplier No:</b> 78330	<b>Buyer:</b> K WILSON	<b>Creation Date:</b> 15-APR-2014
<b>Contact:</b>		<b>Payment Terms:</b> 30 Days
<b>Phone:</b> (02) 62531555		

<b>Notes:</b> Rivett Block 13 Section 28 Overland Flow	<b>Page:</b> 1 of 1
--	---------------------

Item	Description	Qty	Unit	Unit Price	Unit Total (Ex GST)
1	Rivett Block 13 Section 28 Overland Flow	0	DOLLAR	1.00	

Karen Wilson  
Finance Officer

Person Authorised to Sign

Signature

15-APR-2014

Date

Total Exclusive of GST:

Total Inclusive of GST, where applicable:

Enquiries to:

Kaz Wilson  
Phone: (02) 6205 1168  
Email: karen.wilson@act.gov.au

# LAND DEVELOPMENT AGENCY PURCHASE ORDER REQUEST FORM

**Document Type**  
Purchase Order

**Purchase Order Number :**

**ACTPLA Contract**  
**LDA Contract #** LDA-14-676

**Selected Supplier**

**LDA Address**

Name: Mott MacDonald Hughes Trueman P  
 Address: Level 6, SAP House, 224 Bunda Str  
 City: Canberra  
 PostCode: 2601  
 ABN: 53 831 529 091  
 Contact: Mike Breen

Street Address Transact House  
 470 Northbourne Av  
 Dickson ACT 2602  
 Postal Address GPO Box 158  
 CANBERRA ACT 2601

Procurement Methodology Panel

**ACCOUNTING FLEXFIELD**

DESCRIPTION	AMOUNT (exc GST)	GST	TOTAL (inc GST)	Entity	Cost Centre	Account	Int Trading	Project	Agency Code
Rivett Block 13 Section 28 Overland Flow				150	16714	11527	99	55719	9999
							99	55719	

Order Total:

**Approving Office**  
(full name & signature)

*Chappell*

**Date**

*15/4/14*

**Requesting Officer**  
(full name & signature)

*Lucia Carson*

Lucia Carson

**Extension** x79604

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Monday, 14 April 2014 9:06 AM  
**To:** Zamora-Pullin, Joshua  
**Subject:** FW: 13/28 Rivett Overland Flow  
**Attachments:** 20140411123716168.pdf

**Importance:** High

Morning Josh,

Could you please raise a Purchase Order Number for the Stormwater Flow Study for Rivett Block 13 Section 28. The purchase order should be for + GST comes to The Cost Centre for Rivett is 16714 and the Account No. is 111527. The Quote is attached above for your information.

Regards,

Lucia

---

**From:** Chappell, Hazel  
**Sent:** Monday, 14 April 2014 8:41 AM  
**To:** Carson, Lucia  
**Subject:** FW: 13/28 Rivett Overland Flow  
**Importance:** High

Lucia

Please have Josh raise a purchase order for Mot McDonald to undertake the Stormwater Study for Rivett.  
Thanks Hazel

---

**From:** Carson, Lucia  
**Sent:** Monday, 14 April 2014 8:29 AM  
**To:** Chappell, Hazel  
**Subject:** FW: 13/28 Rivett Overland Flow

Hazel,

Attached above is the revised quote for the Stormwater Flow Study for Rivett Block 13 Section 28. Your approval is required for us to go ahead with the study. The cost including GST is

Regards,

Lucia

---

**From:** Breen, Mike J  
**Sent:** Friday, 11 April 2014 11:45 AM  
**To:** Grdur, Michael; Carson, Lucia  
**Subject:** RE: 13/28 Rivett Overland Flow

Please find attached revised fee proposal as requested.

Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Thursday, 10 April 2014 1:45 PM  
**To:** 'Grdur, Michael'  
**Subject:** RE: 13/28 Rivett..

Michael

Pleased to review the fee and scope as requested.

Note that this fee is similar to the amount for the initial stormwater investigation undertaken for Chapman.

Although we are familiar with the site the stormwater investigation requires offsite assessment including inspection to determine extent of contributing catchment.

Mike Breen

---

**From:** Grdur, Michael [<mailto:Michael.Grdur@act.gov.au>]  
**Sent:** Wednesday, 9 April 2014 11:25 AM  
**To:** Breen, Mike J  
**Subject:** RE: 13/28 Rivett...

Mike,

Could you please review your fee proposal, it appears a little on the high side considering that you have already familiarised yourself with the site.

Regards

Michael Grdur

---

**From:** Breen, Mike J  
**Sent:** Wednesday, 9 April 2014 10:39 AM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia/Michael

Further to our discussions yesterday please find attached overland flow investigation fee proposal for your consideration.

Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Tuesday, 8 April 2014 9:42 AM  
**To:** 'Carson, Lucia'  
**Subject:** RE: 13/28 Rivett...

Lucia

Further to our conversation please find attached prelim stormwater report post SIR for Chapman.

The report assessed :

- Contributing catchment
- Estimated 100 Year ARI flow.
- Estimated overland flow in excess of pipe system
- Extent of overland flows across the site – indicated on a plan

A similar assessment could be undertaken for Rivett

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Friday, 4 April 2014 9:17 AM  
**To:** Breen, Mike J  
**Subject:** RE: 13/28 Rivett...

Morning Mike,

I believe Actew Water would have records of their stormwater system in that area by checking them we may be able to see if the stormwater system can cope with the 1 in 100 year flood.

Regards,

Lucia

---

**From:** Breen, Mike J  
**Sent:** Thursday, 3 April 2014 5:20 PM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia

From the survey we have established the low point in the kerb adjacent to 13/28 Rivett, refer attached sketch. This low point will form the spill point for overland flow in the event of major storm and/or blockage in stormwater pipe system.

The approximate overland flow path from the kerb through the block is also shown on the attachment.

For discussion.

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 4:25 PM  
**To:** Carson, Lucia  
**Subject:** 13/28 Rivett...

Lucia,

I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

--

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile:  
Email: |

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----



311006CC05  
11 April 2014

Land Development Agency  
Level 6, TransACT House,  
470 Northbourne Avenue,  
DICKSON, ACT 2602

Attention: Lucia Carson

Dear Lucia,

### **STORMWATER INVESTIGATION – RIVETT SECTION 28 BLOCK 13**

We are pleased to submit our proposal and plan for the provision of civil engineering services for the above project.

#### **BASIS OF PROPOSAL**

Our proposal and fee is based upon the following :

- Meeting of 3/4/14
- Extended survey adjacent to the block received 1/4/14
- Advice by email to LDA 3/4//14 regarding low point in kerb from survey
- Phone discussion Michael Grudr / Lucia Carson 7/4/14 & 8/4/14.

Determine the potential implications of the existing stormwater overland flow paths on Rivett Section 28 Block 13.

#### **SCOPE OF WORK**

<b>Scope of Civil Services Included</b>	<b>Civil Services Not Included</b>
<p>The scope of work will be limited to the following:</p> <ul style="list-style-type: none"> <li>• Project inception meeting</li> <li>• Review survey to determine low spill point in adjacent kerb</li> <li>• Determine contributing catchment</li> <li>• Estimate 100 Year ARI flow.</li> <li>• Estimated overland flow in excess of pipe system</li> <li>• Determine extent of overland flows across the site – to be indicated on a plan</li> <li>• Identify one potential option to cater for overland flow</li> <li>• Prepare report</li> </ul>	<p>The following services are not contained within the scope of work:</p> <ul style="list-style-type: none"> <li>• Computer simulated flood modelling</li> <li>• Detailed investigation of options to cater for overland flow</li> <li>• Cost estimates</li> <li>• Authority approvals or endorsement</li> <li>• Amendments or modifications to submitted report</li> <li>• Post report submission meetings</li> <li>• Meetings with LDA greater than 1</li> <li>• Identification of more than one potential option to cater for overland flow</li> </ul>



**TIMING/PROGRAM**

Completed draft report to be available within three weeks from the date of your approval and advice to proceed.

**FEE**

The lump sum fee for the scope of work described above is                      excluding GST.

We trust that you will find our proposal acceptable and we look forward to working with you on this project. Please do not hesitate to contact the undersigned if you require clarification or further assistance.

Yours faithfully

**Mike Breen**  
Technical Director  
**Mott MacDonald**

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Monday, 14 April 2014 8:29 AM  
**To:** Chappell, Hazel  
**Subject:** FW: 13/28 Rivett Overland Flow  
**Attachments:** 20140411123716168.pdf

Hazel,

Attached above is the revised quote for the Stormwater Flow Study for Rivett Block 13 Section 28. Your approval is required for us to go ahead with the study. The cost including GST is

Regards,

Lucia

---

**From:** Breen, Mike J  
**Sent:** Friday, 11 April 2014 11:45 AM  
**To:** Grdur, Michael; Carson, Lucia  
**Subject:** RE: 13/28 Rivett Overland Flow

Please find attached revised fee proposal as requested.  
Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Thursday, 10 April 2014 1:45 PM  
**To:** 'Grdur, Michael'  
**Subject:** RE: 13/28 Rivett...

Michael  
Pleased to review the fee and scope as requested.  
Note that this fee is similar to the amount for the initial stormwater investigation undertaken for Chapman. Although we are familiar with the site the stormwater investigation requires offsite assessment including inspection to determine extent of contributing catchment.  
Mike Breen

---

**From:** Grdur, Michael [<mailto:Michael.Grdur@act.gov.au>]  
**Sent:** Wednesday, 9 April 2014 11:25 AM  
**To:** Breen, Mike J  
**Subject:** RE: 13/28 Rivett...

Mike,

Could you please review your fee proposal, it appears a little on the high side considering that you have already familiarised yourself with the site.

Regards

Michael Grdur

**From:** Breen, Mike J  
**Sent:** Wednesday, 9 April 2014 10:39 AM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia/Michael

Further to our discussions yesterday please find attached overland flow investigation fee proposal for your consideration.

Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Tuesday, 8 April 2014 9:42 AM  
**To:** 'Carson, Lucia'  
**Subject:** RE: 13/28 Rivett...

Lucia

Further to our conversation please find attached prelim stormwater report post SIR for Chapman.

The report assessed :

- Contributing catchment
- Estimated 100 Year ARI flow.
- Estimated overland flow in excess of pipe system
- Extent of overland flows across the site – indicated on a plan

A similar assessment could be undertaken for Rivett

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Friday, 4 April 2014 9:17 AM  
**To:** Breen, Mike J  
**Subject:** RE: 13/28 Rivett...

Morning Mike,

I believe Actew Water would have records of their stormwater system in that area by checking them we may be able to see if the stormwater system can cope with the 1 in 100 year flood.

Regards,

.ucia

---

**From:** Breen, Mike J  
**Sent:** Thursday, 3 April 2014 5:20 PM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia

From the survey we have established the low point in the kerb adjacent to 13/28 Rivett, refer attached sketch. This low point will form the spill point for overland flow in the event of major storm and/or blockage in stormwater pipe system.

The approximate overland flow path from the kerb through the block is also shown on the attachment.

For discussion.

Mike Breen

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
JICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 4:25 PM  
**To:** Carson, Lucia  
**Subject:** 13/28 Rivett...

Lucia,

I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

--

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile:  
Email:

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended

recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

---



311006CC05  
11 April 2014

Land Development Agency  
Level 6, TransACT House,  
470 Northbourne Avenue,  
DICKSON, ACT 2602

Attention: Lucia Carson

Dear Lucia,

### STORMWATER INVESTIGATION – RIVETT SECTION 28 BLOCK 13

We are pleased to submit our proposal and plan for the provision of civil engineering services for the above project.

#### BASIS OF PROPOSAL

Our proposal and fee is based upon the following :

- Meeting of 3/4/14
- Extended survey adjacent to the block received 1/4/14
- Advice by email to LDA 3/4/14 regarding low point in kerb from survey
- Phone discussion Michael Grudr / Lucia Carson 7/4/14 & 8/4/14.

Determine the potential implications of the existing stormwater overland flow paths on Rivett Section 28 Block 13.

#### SCOPE OF WORK

Scope of Civil Services Included	Civil Services Not Included
<p>The scope of work will be limited to the following:</p> <ul style="list-style-type: none"><li>• Project inception meeting</li><li>• Review survey to determine low spill point in adjacent kerb</li><li>• Determine contributing catchment</li><li>• Estimate 100 Year ARI flow.</li><li>• Estimated overland flow in excess of pipe system</li><li>• Determine extent of overland flows across the site – to be indicated on a plan</li><li>• Identify one potential option to cater for overland flow</li><li>• Prepare report</li></ul> <p><i>In principle support from TAMS included in quote.</i></p>	<p>The following services are not contained within the scope of work:</p> <ul style="list-style-type: none"><li>• Computer simulated flood modelling</li><li>• Detailed investigation of options to cater for overland flow</li><li>• Cost estimates</li><li>• Authority approvals or endorsement</li><li>• Amendments or modifications to submitted report</li><li>• Post report submission meetings</li><li>• Meetings with LDA greater than 1</li><li>• Identification of more than one potential option to cater for overland flow</li></ul>

**TIMING/PROGRAM**

Completed draft report to be available within three weeks from the date of your approval and advice to proceed.

**FEE**

The lump sum fee for the scope of work described above is                      excluding GST.

We trust that you will find our proposal acceptable and we look forward to working with you on this project. Please do not hesitate to contact the undersigned if you require clarification or further assistance.

Yours faithfully

**Mike Breen**  
Technical Director  
**Mott MacDonald**

**Carson, Lucia**

---

**From:** Breen, Mike J  
**Sent:** Friday, 11 April 2014 3:21 PM  
**To:** Carson, Lucia  
**Subject:** RE: 13/28 Rivett Overland Flow

Lucia  
Principle support from TAMS included in quote.  
Mike Breen

---

**From:** Carson, Lucia [mailto:Lucia.Carson@act.gov.au]  
**Sent:** Friday, 11 April 2014 2:15 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett Overland Flow

Hi Mike,

Thank you for speaking with me this afternoon. I am pleased to accept your offer however, I also need you to include in principle support from TAMS in your quote. Could you please advice if this request is acceptable to you so that we can continue to go ahead with the above quote.

Many thanks & regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:** Breen, Mike J  
**Sent:** Friday, 11 April 2014 11:45 AM  
**To:** Grdur, Michael; Carson, Lucia  
**Subject:** RE: 13/28 Rivett Overland Flow

Please find attached revised fee proposal as requested.  
Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Thursday, 10 April 2014 1:45 PM  
**To:** 'Grdur, Michael'  
**Subject:** RE: 13/28 Rivett...



Michael

Pleased to review the fee and scope as requested.

Note that this fee is similar to the amount for the initial stormwater investigation undertaken for Chapman.

Although we are familiar with the site the stormwater investigation requires offsite assessment including inspection to determine extent of contributing catchment.

Mike Breen

---

**From:** Grdur, Michael [<mailto:Michael.Grdur@act.gov.au>]

**Sent:** Wednesday, 9 April 2014 11:25 AM

**To:** Breen, Mike J

**Subject:** RE: 13/28 Rivett...

Mike,

Could you please review your fee proposal, it appears a little on the high side considering that you have already familiarised yourself with the site.

Regards

Michael Grdur

---

**From:** Breen, Mike J

**Sent:** Wednesday, 9 April 2014 10:39 AM

**To:** Carson, Lucia

**Cc:** Grdur, Michael

**Subject:** RE: 13/28 Rivett...

Lucia/Michael

Further to our discussions yesterday please find attached overland flow investigation fee proposal for your consideration.

Mike Breen

---

**From:** Breen, Mike J

**Sent:** Tuesday, 8 April 2014 9:42 AM

**To:** 'Carson, Lucia'

**Subject:** RE: 13/28 Rivett...

Lucia

Further to our conversation please find attached prelim stormwater report post SIR for Chapman.

The report assessed :

- Contributing catchment
- Estimated 100 Year ARI flow.
- Estimated overland flow in excess of pipe system
- Extent of overland flows across the site – indicated on a plan

A similar assessment could be undertaken for Rivett

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]

**Sent:** Friday, 4 April 2014 9:17 AM

**To:** Breen, Mike J

**Subject:** RE: 13/28 Rivett...

Morning Mike,

I believe Actew Water would have records of their stormwater system in that area by checking them we may be able to see if the stormwater system can cope with the 1 in 100 year flood.

Regards,

Lucia

---

**From:** Breen, Mike J  
**Sent:** Thursday, 3 April 2014 5:20 PM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia

From the survey we have established the low point in the kerb adjacent to 13/28 Rivett, refer attached sketch. This low point will form the spill point for overland flow in the event of major storm and/or blockage in stormwater pipe system.

The approximate overland flow path from the kerb through the block is also shown on the attachment.

For discussion.

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 4:25 PM

**To:** Carson, Lucia  
**Subject:** 13/28 Rivett..

Lucia,

I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

--

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile:  
Email:

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----

**Carson, Lucia**

*Attached is quote.*

**From:** Carson, Lucia  
**Sent:** Friday, 11 April 2014 2:15 PM  
**To:** 'Breen, Mike J'  
**Subject:** FW: 13/28 Rivett Overland Flow  
**Attachments:** 20140411123716168.pdf

Hi Mike,

Thank you for speaking with me this afternoon. I am pleased to accept your offer however, I also need you to include in principle support from TAMS in your quote. Could you please advice if this request is acceptable to you so that we can continue to go ahead with the above quote.

Many thanks & regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:** Breen, Mike J  
**Sent:** Friday, 11 April 2014 11:45 AM  
**To:** Grdur, Michael; Carson, Lucia  
**Subject:** RE: 13/28 Rivett Overland Flow

Please find attached revised fee proposal as requested.  
Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Thursday, 10 April 2014 1:45 PM  
**To:** 'Grdur, Michael'  
**Subject:** RE: 13/28 Rivett...

Michael  
Pleased to review the fee and scope as requested.  
Note that this fee is similar to the amount for the initial stormwater investigation undertaken for Chapman.  
Although we are familiar with the site the stormwater investigation requires offsite assessment including inspection to determine extent of contributing catchment.  
Mike Breen

---

**From:** Grdur, Michael [<mailto:Michael.Grdur@act.gov.au>]  
**Sent:** Wednesday, 9 April 2014 11:25 AM  
**To:** Breen, Mike J  
**Subject:** RE: 13/28 Rivett...

Mike,

Could you please review your fee proposal, it appears a little on the high side considering that you have already familiarised yourself with the site.

Regards

Michael Grdur

---

**From:** Breen, Mike J  
**Sent:** Wednesday, 9 April 2014 10:39 AM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia/Michael

Further to our discussions yesterday please find attached overland flow investigation fee proposal for your consideration.

Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Tuesday, 8 April 2014 9:42 AM  
**To:** 'Carson, Lucia'  
**Subject:** RE: 13/28 Rivett...

Lucia

Further to our conversation please find attached prelim stormwater report post SIR for Chapman.

The report assessed :

- Contributing catchment
- Estimated 100 Year ARI flow.
- Estimated overland flow in excess of pipe system
- Extent of overland flows across the site – indicated on a plan

A similar assessment could be undertaken for Rivett

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Friday, 4 April 2014 9:17 AM  
**To:** Breen, Mike J  
**Subject:** RE: 13/28 Rivett...

Morning Mike,

I believe Actew Water would have records of their stormwater system in that area by checking them we may be able to see if the stormwater system can cope with the 1 in 100 year flood.

Regards,

Lucia

**From:** Breen, Mike J  
**Sent:** Thursday, 3 April 2014 5:20 PM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia  
From the survey we have established the low point in the kerb adjacent to 13/28 Rivett, refer attached sketch. This low point will form the spill point for overland flow in the event of major storm and/or blockage in stormwater pipe system.  
The approximate overland flow path from the kerb through the block is also shown on the attachment.  
For discussion.  
Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
∴ [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 4:25 PM  
**To:** Carson, Lucia  
**Subject:** 13/28 Rivett...

Lucia,

I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

--

**BW Fox Drafting & Consultant Services**

Phone: 6258 7587

Mobile:

Email:

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----



311006CC05  
11 April 2014

Land Development Agency  
Level 6, TransACT House,  
470 Northbourne Avenue,  
DICKSON, ACT 2602

Attention: Lucia Carson

Dear Lucia,

**STORMWATER INVESTIGATION – RIVETT SECTION 28 BLOCK 13**

We are pleased to submit our proposal and plan for the provision of civil engineering services for the above project.

**BASIS OF PROPOSAL**

Our proposal and fee is based upon the following :

- Meeting of 3/4/14
- Extended survey adjacent to the block received 1/4/14
- Advice by email to LDA 3/4//14 regarding low point in kerb from survey
- Phone discussion Michael Grudr / Lucia Carson 7/4/14 & 8/4/14.

Determine the potential implications of the existing stormwater overland flow paths on Rivett Section 28 Block 13.

**SCOPE OF WORK**

Scope of Civil Services Included	Civil Services Not Included
<p>The scope of work will be limited to the following:</p> <ul style="list-style-type: none"> <li>• Project inception meeting</li> <li>• Review survey to determine low spill point in adjacent kerb</li> <li>• Determine contributing catchment</li> <li>• Estimate 100 Year ARI flow.</li> <li>• Estimated overland flow in excess of pipe system</li> <li>• Determine extent of overland flows across the site – to be indicated on a plan</li> <li>• Identify one potential option to cater for overland flow</li> <li>• Prepare report</li> </ul> <p><i>Attend meeting with LDA to discuss Report.</i></p>	<p>The following services are not contained within the scope of work:</p> <ul style="list-style-type: none"> <li>• Computer simulated flood modelling</li> <li>• Detailed investigation of options to cater for overland flow</li> <li>• Cost estimates</li> <li>• Authority approvals or endorsement</li> <li>• Amendments or modifications to submitted report</li> <li>• Post report submission meetings <del>x</del></li> <li>• Meetings with LDA greater than 1 <del>x</del></li> <li>• Identification of more than one potential option to cater for overland flow <del>x</del></li> </ul>



**TIMING/PROGRAM**

Completed draft report to be available within three weeks from the date of your approval and advice to proceed.

**FEE**

The lump sum fee for the scope of work described above is                      excluding GST.

We trust that you will find our proposal acceptable and we look forward to working with you on this project. Please do not hesitate to contact the undersigned if you require clarification or further assistance.

Yours faithfully

**Mike Breen**  
Technical Director  
**Mott MacDonald**

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Friday, 4 April 2014 9:17 AM  
**To:** 'Breen, Mike J'  
**Subject:** RE: 13/28 Rivett...

Morning Mike,

I believe Actew Water would have records of their stormwater system in that area by checking them we may be able to see if the stormwater system can cope with the 1 in 100 year flood.

Regards,

*If not we may need to do a Flood Study.*

Lucia

---

**From:** Breen, Mike J  
**Sent:** Thursday, 3 April 2014 5:20 PM  
**To:** Carson, Lucia  
C... Grdur, Michael  
**Subject:** RE: 13/28 Rivett...

Lucia

From the survey we have established the low point in the kerb adjacent to 13/28 Rivett, refer attached sketch. This low point will form the spill point for overland flow in the event of major storm and/or blockage in stormwater pipe system. The approximate overland flow path from the kerb through the block is also shown on the attachment. For discussion.  
Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604

F: 6207 7324

E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**

**Sent:** Tuesday, 1 April 2014 4:25 PM

**To:** Carson, Lucia

**Subject:** 13/28 Rivett...

Lucia,

I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

BW Fox Drafting & Consultant Services

Phone: 6258 7587

Mobile:

Email:

---

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

---

**Carson, Lucia**

---

**From:** Breen, Mike J  
**Sent:** Thursday, 3 April 2014 5:20 PM  
**To:** Carson, Lucia  
**Cc:** Grdur, Michael  
**Subject:** RE: 13/28 Rivett...  
**Attachments:** 20140403171236259.pdf

Lucia

From the survey we have established the low point in the kerb adjacent to 13/28 Rivett, refer attached sketch. This low point will form the spill point for overland flow in the event of major storm and/or blockage in stormwater pipe system.

The approximate overland flow path from the kerb through the block is also shown on the attachment.

For discussion.

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
 Project Officer  
 Site Preparation  
 Land Development Agency  
 Economic Development Directorate  
 Level 7 TransACT House  
 40 Northbourne Avenue  
 DICKSON ACT 2602  
 T: 6207 9604  
 F: 6207 7324  
 E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 4:25 PM  
**To:** Carson, Lucia  
**Subject:** 13/28 Rivett...

Lucia,

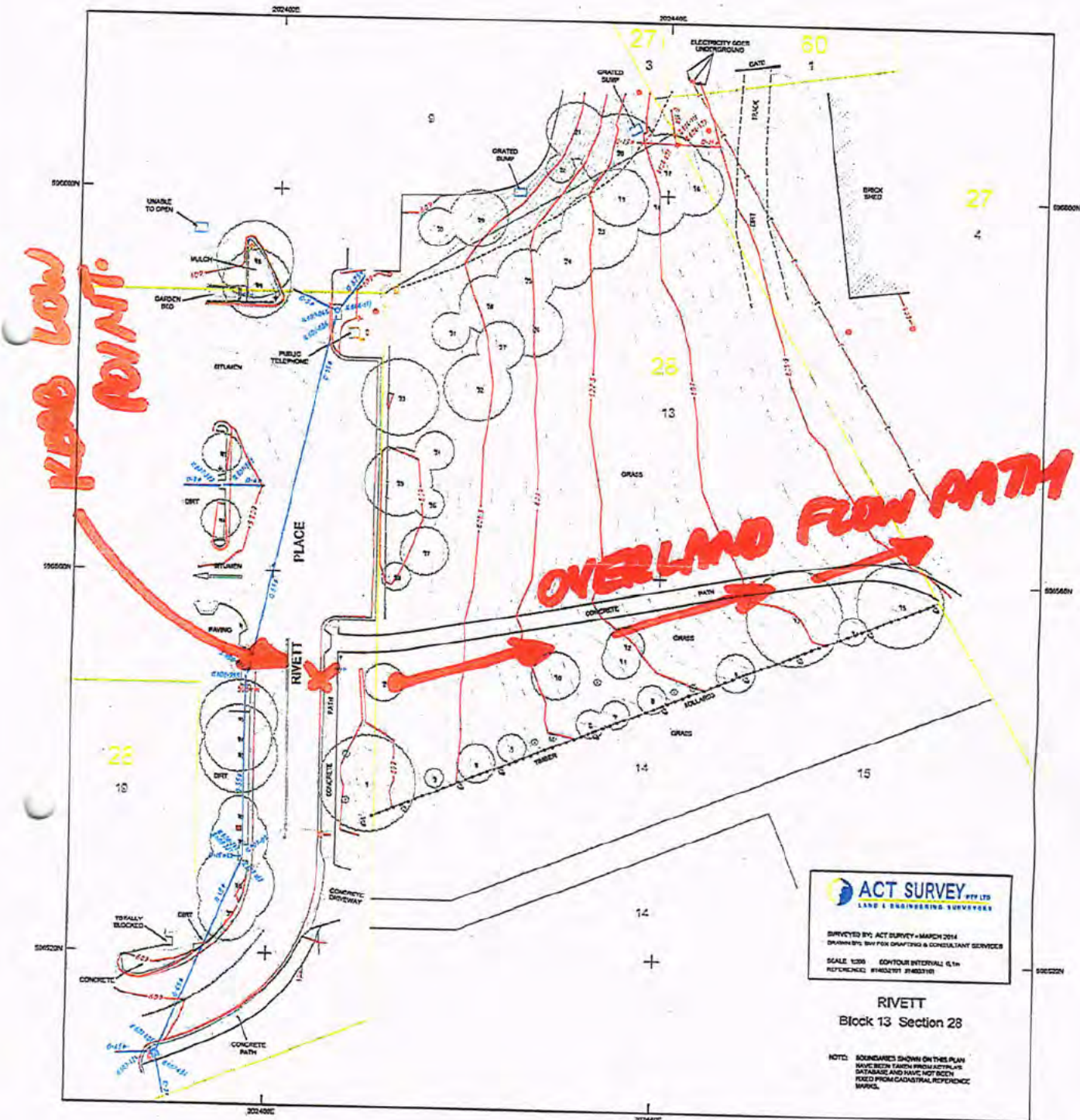
I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

--  
Bryan Fox

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile: 0411 239 899  
Email: [bwfox.drafting@gmail.com](mailto:bwfox.drafting@gmail.com)

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----



**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Wednesday, 2 April 2014 3:14 PM  
**To:**  
**Subject:** FW: Quote for Phase 2 Contamination Testing for Block 13 Section 28 Rivett

The LDA would like to invite you to quote for 2<sup>nd</sup> Phase Contamination testing for Block 13 Section 28 Rivett. *should receive quote by 10/4/2014*

Looking forward to receiving your quote.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Wednesday, 2 April 2014 11:29 AM  
**To:**  
**Subject:** Preliminary Contamination Assessment for Rivett Block 13 Section 28

Morning

I have gone through the reports in the file again this morning, just in case I may have missed something, and once again have come up with nothing.

I would be grateful if you can forward me the above report soon.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)



**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Wednesday, 2 April 2014 10:58 AM  
**To:** 'Breen, Mike J'  
**Subject:** Purchase Order Number for Pedestrian Assessment for Rivett Block 18 Section 28  
**Attachments:** 20140402094717037.pdf

Morning Mike,

Attached above is the Purchase Order Number for the Pedestrian Assessment for Rivett Block 18 Section 28. Once the pedestrian count has been undertaken and you are ready to forward your invoice could you please make sure that the purchase order number is clearly visible on the invoice you forward to the Land Development Agency.

Many thanks & regards,

Lucia Carson  
Project Officer  
Project Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)



**ACT**  
Government

**Land Development Agency**  
CANBERRA FIRST

ABN: 20 419 925 579

### Purchase Order

Send To
MOTT MACDONALD AUSTRALIA PTY LTD PO BOX 224 CIVIC SQUARE, ACT 2608

Deliver To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

Invoice To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

**Order Number: L14362**

Please quote this number on all deliveries and invoices.  
Please supply the undermentioned goods/services in accordance with the terms and conditions.

<b>Supplier No:</b> 78330	<b>Buyer:</b> K WILSON	<b>Creation Date:</b> 01-APR-2014
<b>Contact:</b>		<b>Payment Terms:</b> 30 Days
<b>Phone:</b> (02) 62531555		

<b>Notes:</b> Pedestrian Assessment for Rivett Block 13 Section 28	<b>Page:</b> 1 of 1
--	---------------------

Item	Description	Qty	Unit	Unit Price	Unit Total (Ex GST)
1	Pedestrian Assessment for Rivett Block 13 Section 28	0	DOLLAR	1.00	

Karen Wilson  
Finance Officer

Person Authorised to Sign

Total Exclusive of GST:

Total Inclusive of GST, where applicable:

Enquiries to:

Kaz Wilson  
Phone: (02) 6205 1168  
Email: karen.wilson@act.gov.au

01-APR-2014

Signature

Date

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Tuesday, 1 April 2014 2:21 PM  
**To:**  
**Subject:** FW: 13/28 Rivett - Additional Survey...

Hi

Thank you for the survey for Rivett Block 13 Section 28. I have today forwarded the survey to Mike Breen of Mott MacDonald to request his advice. Mike now has a further request, for you to amend the existing pdf survey, and include the following:

- 100mm contour interval with the roadway with labels
- 100mm contour interval on the verge adjacent to the eastern kerb
- Top kerb spot levels if available for the kerb directly adjacent to 13/28.

his e-mail below Mike states that "It is not possible from the additional survey information provided to determine the low point."

Unfortunately, Mike Breen did not detail his requirements to me when I spoke to him earlier. Is this further request going to require a huge amount of work or can it be done without incurring further costs?

Mike Breen's email is attached below for your information.

I would be grateful for your assistance.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
and Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:** Breen, Mike J [mailto:mike.j.breen@mottmac.com]  
**Sent:** Tuesday, 1 April 2014 1:43 PM  
**To:** Carson, Lucia  
**Subject:** RE: 13/28 Rivett - Additional Survey...

Lucia

As indicated in my email of 1 April "Part of the purpose of the additional survey extent is to determine the location of the low point in the kerb adjacent to the block."

It is not possible from the additional survey information provided to determine this low point.

Is it possible for the surveyor to amend the existing pdf survey supplied to include :

- 100mm contour interval with the roadway with labels
- 100mm contour interval on the verge adjacent to the eastern kerb
- Top kerb spot levels if available for the kerb directly adjacent to 13/28

Mike Breen

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 9:37 AM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett - Additional Survey...

Morning Mike,

Attached above is the survey which was undertaken to determine the location of the low point in the kerb adjacent to the block. Could you please have a look at the survey and give me your advise.

Regards,

Lucia Carson  
 Project Officer  
 Site Preparation  
 Land Development Agency  
 Economic Development Directorate  
 Level 7 TransACT House  
 470 Northbourne Avenue  
 DICKSON ACT 2602  
 T: 6207 9604  
 F: 6207 7324  
 E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

**From:** |  
**Sent:** Monday, 31 March 2014 12:47 PM  
**To:** Carson, Lucia  
**Cc:**  
**Subject:** 13/28 Rivett - Additional Survey...

Lucia,

I have merged the previous data so that this job will just replace the last.

Cheers...

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile:  
Email: |

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----

**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Tuesday, 1 April 2014 3:21 PM  
**To:**  
**Attachments:** Geotech Investigation Report B13 S28 Rivett dated 23.07.2013.pdf

Hi

I went through the reports for this site and have found that Coffey have previously undertaken a Geotech Investigation Report for this site. I have attached the report above.

Please note Part 5 of the report states:

**5 PHASE 1 CONTAMINATION ASSESSMENT**

Coffey Environments Australia has carried out a preliminary Contamination Assessment and the report will be submitted separately.

The preliminary Contamination Assessment which was to be forwarded to us separately we do not appear to have received. Could you please forward the report to me.

Many thanks & regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
70 Northbourne Avenue  
CANBERRA ACT 2602  
P: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 2:52 PM  
**To:** Carson, Lucia  
**Cc:**  
**Subject:** RE: Quote for Phase 2 Contamination Testing for Block 13 Section 28 Rivett

Hi Lucia,

no longer works with Coffey in Canberra.

However, I am familiar with your project and will discuss with the Coffey Environments team who will prepare a fee proposal accordingly.

A member of the team should be in touch soon to discuss this with you further.

Kind regards

**Project Engineering Geologist / Canberra Manager**

t: +61 2 6260 7288

f: +61 2 6260 7211

m:

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]

**Sent:** Tuesday, 1 April 2014 10:55 AM

**To:** 1

**Subject:** Quote for Phase 2 Contamination Testing for Block 13 Section 28 Rivett

Morning

I am inviting you to quote for 2<sup>nd</sup> Phase Contamination testing for Block 13 Section 28 Rivett. Please note Coffey undertook the initial Geotech Contamination Report for this site dated 23<sup>rd</sup> July 2013.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
NICKSON ACT 2602  
P 6207 9604  
F 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

---

---

Environmental Notice: Please consider the environment before printing this email.

Confidentiality Notice: The content of this message and any attachments may be privileged, in confidence or sensitive. Any unauthorised use is expressly prohibited. If you have received this email in error please notify the sender, disregard and then delete the email. This email may have been corrupted or interfered with. Coffey International Limited cannot guarantee that the message you receive is the same as the message we sent. At Coffey International Limited's discretion we may send a paper copy for confirmation. In the event of any discrepancy between paper and electronic versions the paper version is to take precedence. No warranty is made that this email and its contents are free from computer viruses or other defects.

CILDISCL0005



**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Tuesday, 1 April 2014 2:38 PM  
**To:**

Hi

Mr. Mike Breen's details are as follows:

Tel: (02) 6253 1555

Engineer

Email:

Floor 1

Pearcy House

Address: Mr. Mike Breen  
Senior Project

Mott MacDonald  
Units 11 & 12,

Block C, Trevor

BRUCE ACT 2617

Many thanks for your help.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Economic Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

**Carson, Lucia**

Spoke to Mike Breen (Mott MacDonald to Bryem). Mike Breen to clarify his requirements. Have forwarded contact details to Bryem. will contact 16

**From:** Carson, Lucia  
**Sent:** Tuesday, 1 April 2014 2:21 PM  
**To:**  
**Subject:** FW: 13/28 Rivett - Additional Survey...

Hi

Thank you for the survey for Rivett Block 13 Section 28. I have today forwarded the survey to Mike Breen of Mott MacDonald to request his advice. Mike now has a further request, for you to amend the existing pdf survey, and include the following:

- 100mm contour interval with the roadway with labels
- 100mm contour interval on the verge adjacent to the eastern kerb
- Top kerb spot levels if available for the kerb directly adjacent to 13/28.

his e-mail below Mike states that "It is not possible from the additional survey information provided to determine the low point."

Unfortunately, Mike Breen did not detail his requirements to me when I spoke to him earlier. Is this further request going to require a huge amount of work or can it be done without incurring further costs?

Mike Breen's email is attached below for your information.

I would be grateful for your assistance.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:** Breen, Mike J [<mailto:Mike.Breen@mottmac.com.au>]  
**Sent:** Tuesday, 1 April 2014 1:43 PM  
**To:** Carson, Lucia  
**Subject:** RE: 13/28 Rivett - Additional Survey...

Lucia

As indicated in my email of 1 April "Part of the purpose of the additional survey extent is to determine the location of the low point in the kerb adjacent to the block."

It is not possible from the additional survey information provided to determine this low point.

Is it possible for the surveyor to amend the existing pdf survey supplied to include :

- 100mm contour interval with the roadway with labels
- 100mm contour interval on the verge adjacent to the eastern kerb
- Top kerb spot levels if available for the kerb directly adjacent to 13/28

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]

**Sent:** Tuesday, 1 April 2014 9:37 AM

**To:** Breen, Mike J

**Subject:** FW: 13/28 Rivett - Additional Survey...

Morning Mike,

Attached above is the survey which was undertaken to determine the location of the low point in the kerb adjacent to the block. Could you please have a look at the survey and give me your advise.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
F: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**

**Sent:** Monday, 31 March 2014 12:47 PM

**To:** Carson, Lucia

**Cc:** James Montgomery

**Subject:** 13/28 Rivett - Additional Survey...

Lucia,

I have merged the previous data so that this job will just replace the last.

Cheers...

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile:  
Email:

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----



**ACT**  
Government

Land  
Development  
Agency  
CANBERRA FIRST

ABN: 20 419 925 579

### Purchase Order

Send To
MOTT MACDONALD AUSTRALIA PTY LTD PO BOX 224 CIVIC SQUARE, ACT 2608

Deliver To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

Invoice To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

**Order Number: L14362**

Please quote this number on all deliveries and invoices.  
Please supply the undermentioned goods/services in accordance with the terms and conditions.

<b>Supplier No:</b> 78330	<b>Buyer:</b> K WILSON	<b>Creation Date:</b> 01-APR-2014
<b>Contact:</b>		<b>Payment Terms:</b> 30 Days
<b>Phone:</b> (02) 62531555		

<b>Notes:</b> Pedestrian Assessment for Rivett Block 13 Section 28	<b>Page:</b> 1 of 1
--	---------------------

Item	Description	Qty	Unit	Unit Price	Unit Total (Ex GST)
1	Pedestrian Assessment for Rivett Block 13 Section 28	0	DOLLAR	1.00	

Karen Wilson  
Finance Officer

Person Authorised to Sign

Total Exclusive of GST:

Total Inclusive of GST, where applicable:

Enquiries to:

Kaz Wilson  
Phone: (02) 6205 1168  
Email: karen.wilson@act.gov.au

  
Signature

01-APR-2014  
Date

✓ 12  
Carson, Lucia

---

**From:** Carson, Lucia  
**Sent:** Tuesday, 1 April 2014 4:29 PM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett...  
**Attachments:** 13\_28 Rivett - Tree Assesment.xls; rivett\_13\_28\_2d.dwg; rivett\_13\_28\_3d.dwg; rivett\_13\_28\_A1\_1-200.pdf; rivett\_13\_28\_triangles.dwg

Mike,

Attached is the survey for Rivett Block 13 Section 28 with your requested amendments.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Tuesday, 1 April 2014 4:25 PM  
**To:** Carson, Lucia  
**Subject:** 13/28 Rivett...

Lucia,

I have spoken to Mike just now and all is OK. Here is a new set of files with 0.1m contours. I will let you pass this on to him.

Cheers...

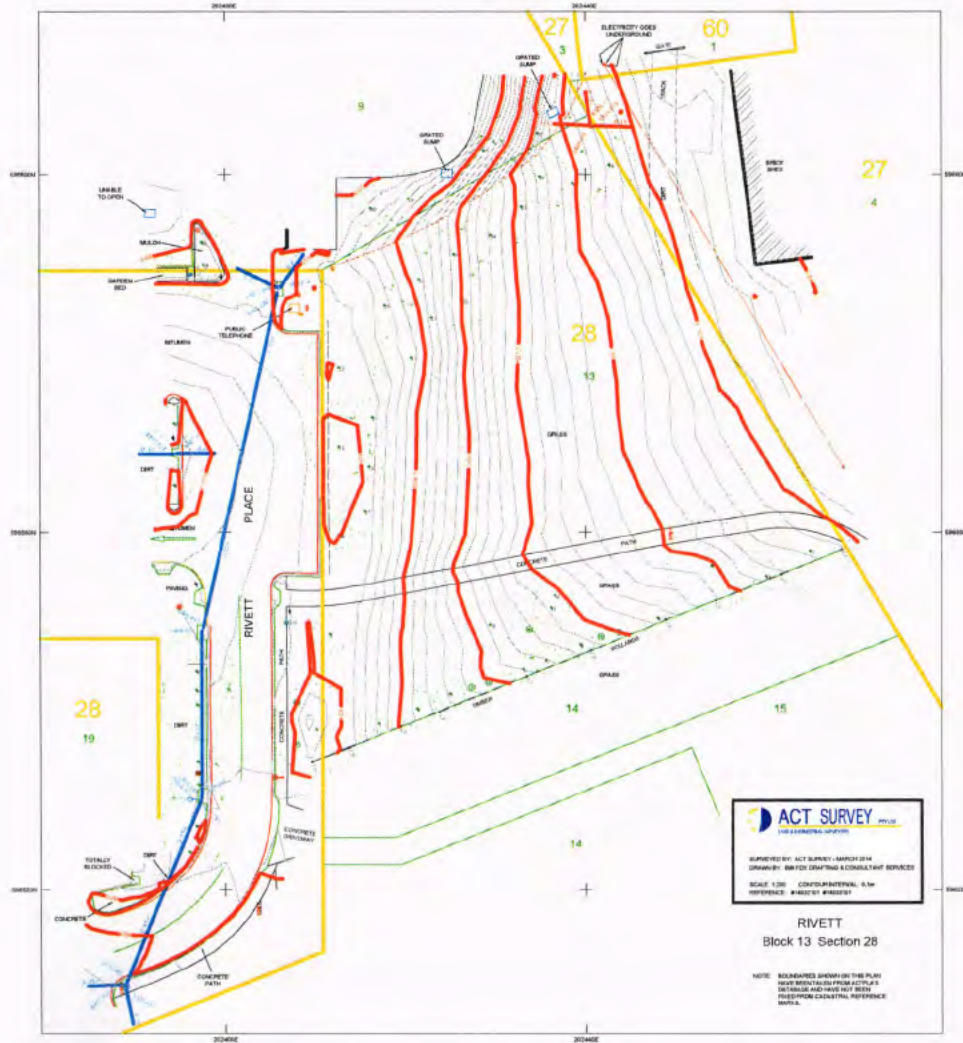
--

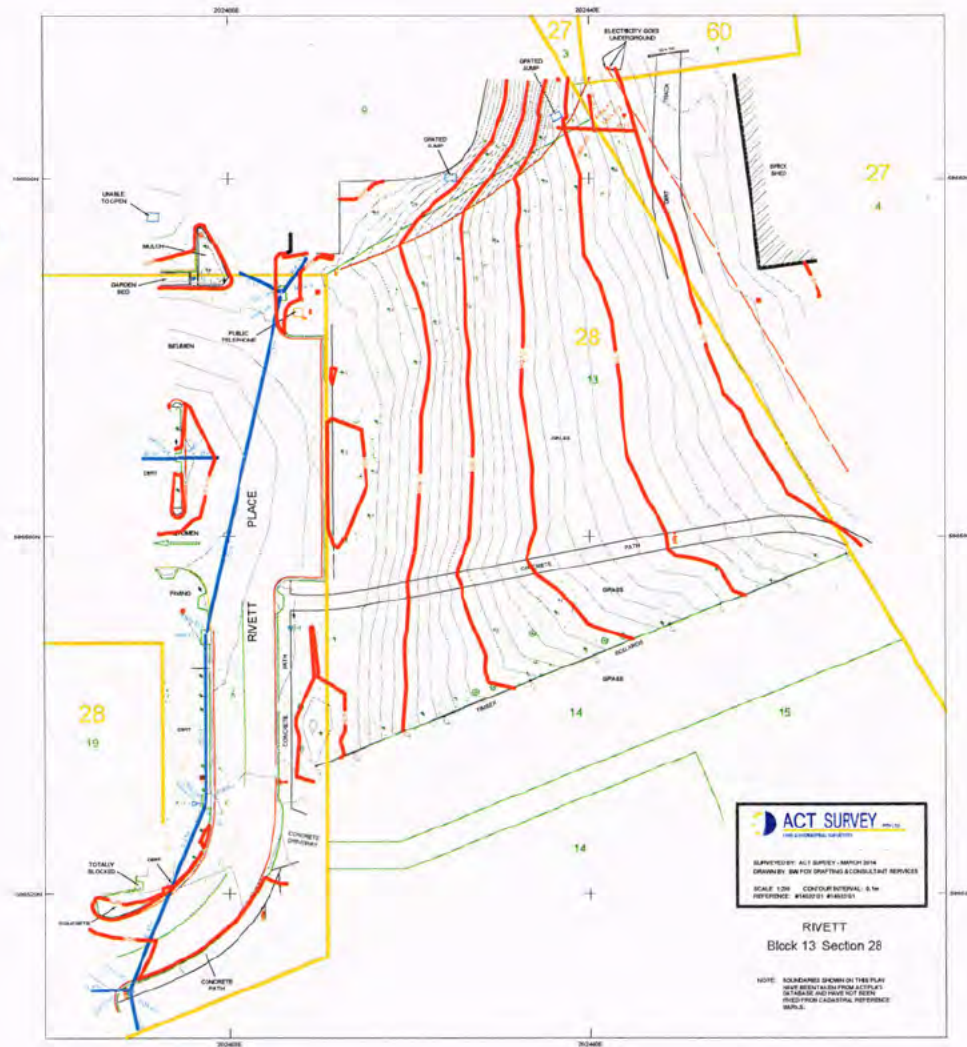
BW Fox Drafting & Consultant Services  
Phone: 6258 7587

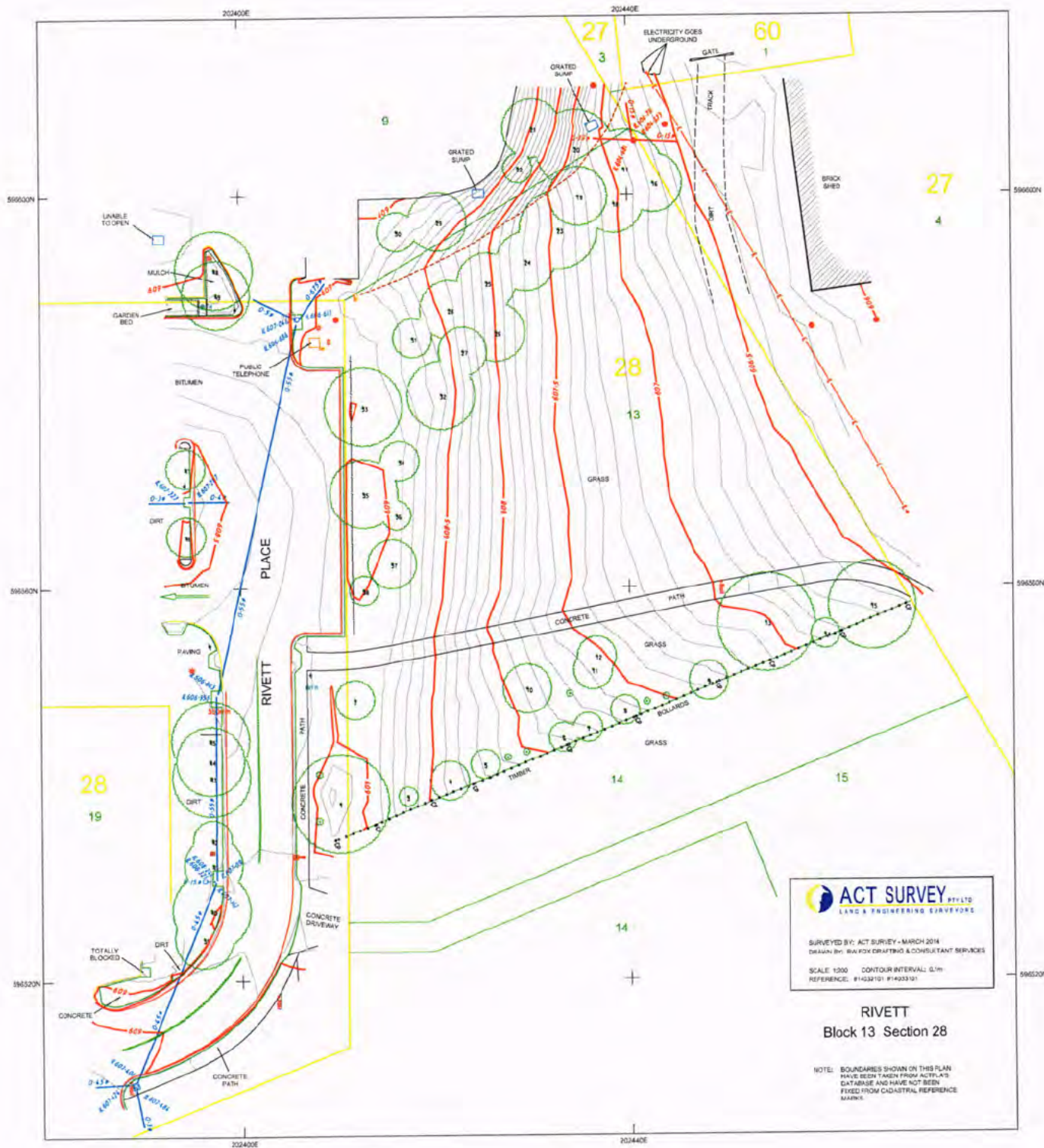
Mobile  
Email:

Tree Number	Species	Height (metres)	Trunk Circumference (metres)	Number of Trunks	Crown Spread (metres)	Easting	Northing	Health (H,M,F,L,D)	Value Ranking (E,H,M,P,L,D)	Tree Act	Notes	Diameter
1	Eucalypt	14.00	1.89	1	10.00	202410.16	596538.05					0.60
2	Deciduous	5.00	0.31	1	4.00	202411.70	596548.60					0.10
3	Deciduous	3.00	0.31	1	2.00	202417.10	596538.72					0.10
4	Deciduous	6.00	0.63	1	4.00	202421.41	596540.32					0.20
5	Deciduous	4.00	0.31	Multi	3.00	202425.06	596542.01					0.10
6	Deciduous	3.00	0.31	1	3.00	202433.13	596544.73					0.10
7	Deciduous	4.00	0.31	1	3.00	202435.67	596545.71					0.10
8	Deciduous	3.00	0.31	1	3.00	202439.46	596547.48					0.10
9	Deciduous	5.00	0.63	Multi	4.00	202448.08	596550.42					0.20
10	Deciduous	5.00	0.63	Multi	5.00	202428.44	596549.68					0.20
11	Deciduous	4.00	0.63	1	4.00	202436.20	596551.57					0.20
12	Deciduous	4.00	0.63	1	4.00	202436.59	596552.98					0.20
13	Eucalypt	11.00	1.57	1	10.00	202454.04	596556.32					0.50
14	Eucalypt	4.00	0.31	1	3.00	202460.11	596555.11					0.10
15	Deciduous	10.00	0.94	Multi	9.00	202464.94	596558.00					0.30
16	Deciduous	7.00	0.94	1	6.00	202442.67	596601.17					0.30
17	Deciduous	10.00	1.26	1	8.00	202439.67	596602.63					0.40
18	Deciduous	10.00	0.94	1	6.00	202438.60	596599.09					0.30
19	Deciduous	10.00	0.94	1	6.00	202434.95	596599.84					0.30
20	Deciduous	11.00	1.26	1	8.00	202434.89	596604.68					0.40
21	Deciduous	5.00	0.94	1	6.00	202430.22	596606.79					0.30
22	Deciduous	7.00	0.31	1	3.00	202428.77	596602.73					0.10
23	Deciduous	11.00	0.94	1	8.00	202432.92	596596.44					0.30
24	Deciduous	10.00	0.94	1	6.00	202429.55	596593.25					0.30
25	Deciduous	5.00	0.94	1	6.00	202425.49	596591.11					0.30
26	Deciduous	5.00	0.94	1	6.00	202426.42	596586.03					0.30
27	Deciduous	5.00	0.63	1	5.00	202422.99	596584.07					0.20
28	Deciduous	5.00	0.94	1	6.00	202421.60	596588.35					0.30
29	Deciduous	5.00	0.63	1	6.00	202420.44	596597.32					0.30
30	Deciduous	5.00	0.63	1	4.00	202416.22	596596.29					0.20
31	Deciduous	4.00	0.63	Multi	4.00	202417.80	596585.45					0.20
32	Deciduous	5.00	0.94	1	7.00	202420.75	596579.61					0.30
33	Deciduous	5.00	1.26	1	8.00	202412.70	596578.45					0.40
34	Deciduous	5.00	0.63	1	4.00	202416.43	596572.92					0.20
35	Deciduous	5.00	0.94	1	7.00	202412.72	596569.60					0.30
36	Deciduous	5.00	0.63	1	3.00	202416.07	596567.39					0.20
37	Deciduous	5.00	0.63	1	5.00	202415.59	596562.41					0.20
38	Deciduous	3.00	0.31	Multi	3.00	202412.68	596559.73					0.10
39	Deciduous	7.00	0.94	1	6.00	202396.01	596524.32					0.30
40	Deciduous	5.00	1.26	1	8.00	202396.80	596527.21					0.40
41	Deciduous	7.00	0.94	1	6.00	202397.01	596531.81					0.30
42	Deciduous	7.00	0.63	1	4.00	202396.95	596534.40					0.20
43	Deciduous	5.00	0.94	1	8.00	202396.87	596540.76					0.30
44	Deciduous	5.00	0.94	1	7.00	202396.78	596542.44					0.30
45	Deciduous	5.00	1.26	1	8.00	202396.79	596544.54					0.40
46	Deciduous	3.00	0.63	1	4.00	202394.41	596565.31					0.20
47	Deciduous	3.00	0.63	1	4.00	202394.37	596572.23					0.20
48	Deciduous	7.00	0.94	1	8.00	202397.40	596592.61					0.30
49	Deciduous	5.00	0.94	1	7.00	202397.58	596589.98					0.30









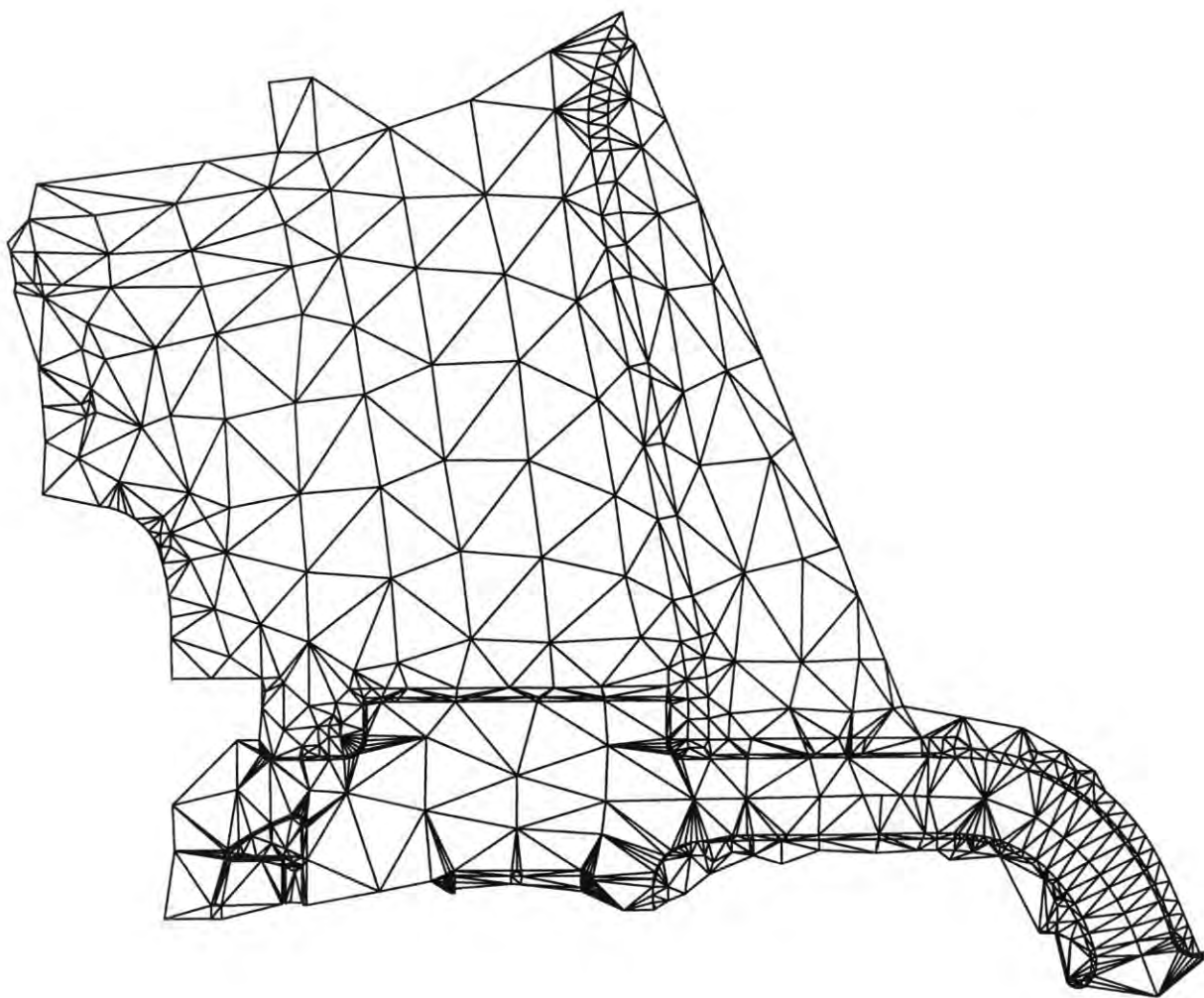
**ACT SURVEY** PTY LTD  
LAND & ENGINEERING SURVEYORS

SURVEYED BY: ACT SURVEY - MARCH 2014  
DRAWN BY: BALFOUR CHAFFIN & CONSULTANT SERVICES

SCALE: 1:200 CONTOUR INTERVAL: 0.1m  
REFERENCE: #1432101; #14323101

**RIVETT**  
**Block 13 Section 28**

NOTE: BOUNDARIES SHOWN ON THIS PLAN  
HAVE BEEN TAKEN FROM ACT'S LRS  
DATABASE AND HAVE NOT BEEN  
FIXED FROM CADASTRAL REFERENCE  
MARKS



Carson, Lucia

---

**From:** Breen, Mike J  
**Sent:** Tuesday, 1 April 2014 1:43 PM  
**To:** Carson, Lucia  
**Subject:** RE: 13/28 Rivett - Additional Survey...

Lucia  
As indicated in my email of 1 April "*Part of the purpose of the additional survey extent is to determine the location of the low point in the kerb adjacent to the block.*"

It is not possible from the additional survey information provided to determine this low point.

Is it possible for the surveyor to amend the existing pdf survey supplied to include :

- 100mm contour interval with the roadway with labels
- 100mm contour interval on the verge adjacent to the eastern kerb
- Top kerb spot levels if available for the kerb directly adjacent to 13/28

Mike Breen

---

**From:** Carson, Lucia [<mailto:Lucia.Carson@act.gov.au>]  
**Sent:** Tuesday, 1 April 2014 9:37 AM  
**To:** Breen, Mike J  
**Subject:** FW: 13/28 Rivett - Additional Survey...

Morning Mike,

Attached above is the survey which was undertaken to determine the location of the low point in the kerb adjacent to the block. Could you please have a look at the survey and give me your advise.

Regards,

Lucia Carson  
Project Officer  
Preparation  
and Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)

---

**From:**  
**Sent:** Monday, 31 March 2014 12:47 PM  
**To:** Carson, Lucia

**Cc:** James Montgomery  
**Subject:** 13/28 Rivett - Additional Survey...

Lucia,

I have merged the previous data so that this job will just replace the last.

Cheers...

--

BW Fox Drafting & Consultant Services  
Phone: 6258 7587  
Mobile:  
Email:

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----

✓ 7  
**Carson, Lucia**

---

**From:**  
**Sent:** Monday, 31 March 2014 12:47 PM  
**To:** Carson, Lucia  
**Cc:**  
**Subject:** 13/28 Rivett - Additional Survey...  
**Attachments:** rivett\_13\_28.zip

Lucia,

I have merged the previous data so that this job will just replace the last.

Cheers...

--

BW Fox Drafting & Consultant Services

Phone: 6258 7587

Mobile:

Email: ]

Tree Number	Species	Height (metres)	Trunk Circumference (metres)	Number of Trunks	Crown Spread (metres)	Easting	Northing	Health (H,M,F,L,D)	Value Ranking (E,H,M,P,L,D)	Tree Act	Notes	Diameter
1	Eucalypt	14.00	1.89	1	10.00	202410.16	596538.05					0.60
2	Deciduous	5.00	0.31	1	4.00	202411.70	596548.60					0.10
3	Deciduous	3.00	0.31	1	2.00	202417.10	596538.72					0.10
4	Deciduous	6.00	0.63	1	4.00	202421.41	596540.32					0.20
5	Deciduous	4.00	0.31	Multi	3.00	202425.06	596542.01					0.10
6	Deciduous	3.00	0.31	1	3.00	202433.13	596544.73					0.10
7	Deciduous	4.00	0.31	1	3.00	202435.67	596545.71					0.10
8	Deciduous	3.00	0.31	1	3.00	202439.46	596547.48					0.10
9	Deciduous	5.00	0.63	Multi	4.00	202448.08	596550.42					0.20
10	Deciduous	5.00	0.63	Multi	5.00	202429.44	596549.68					0.20
11	Deciduous	4.00	0.63	1	4.00	202436.20	596551.57					0.20
12	Deciduous	4.00	0.63	1	4.00	202436.59	596552.98					0.20
13	Eucalypt	11.00	1.57	1	10.00	202454.04	596556.32					0.50
14	Eucalypt	4.00	0.31	1	3.00	202460.11	596555.11					0.10
15	Deciduous	10.00	0.94	Multi	9.00	202464.94	596558.00					0.30
16	Deciduous	7.00	0.94	1	6.00	202442.67	596601.17					0.30
17	Deciduous	10.00	1.26	1	8.00	202439.67	596602.63					0.40
18	Deciduous	10.00	0.94	1	6.00	202438.60	596599.09					0.30
19	Deciduous	10.00	0.94	1	6.00	202434.95	596599.84					0.30
20	Deciduous	11.00	1.26	1	8.00	202434.69	596604.68					0.40
21	Deciduous	9.00	0.94	1	6.00	202430.22	596606.79					0.30
22	Deciduous	7.00	0.31	1	3.00	202428.77	596602.73					0.10
23	Deciduous	11.00	0.94	1	8.00	202432.92	596596.44					0.30
24	Deciduous	10.00	0.94	1	6.00	202429.55	596593.25					0.30
25	Deciduous	9.00	0.94	1	6.00	202425.49	596591.11					0.30
26	Deciduous	8.00	0.94	1	6.00	202426.42	596586.03					0.30
27	Deciduous	6.00	0.63	1	5.00	202422.99	596584.07					0.20
28	Deciduous	9.00	0.94	1	6.00	202421.60	596588.35					0.30
29	Deciduous	8.00	0.94	1	6.00	202420.44	596597.32					0.30
30	Deciduous	6.00	0.63	1	4.00	202416.22	596596.29					0.20
31	Deciduous	4.00	0.63	Multi	4.00	202417.80	596585.45					0.20
32	Deciduous	9.00	0.94	1	7.00	202420.75	596579.61					0.30
33	Deciduous	9.00	1.26	1	8.00	202412.70	596578.45					0.40
34	Deciduous	8.00	0.63	1	4.00	202416.43	596572.92					0.20
35	Deciduous	8.00	0.94	1	7.00	202412.72	596569.60					0.30
36	Deciduous	6.00	0.63	1	3.00	202416.07	596567.39					0.20
37	Deciduous	5.00	0.63	1	5.00	202415.59	596562.41					0.20
38	Deciduous	3.00	0.31	Multi	3.00	202412.68	596559.73					0.10
39	Deciduous	7.00	0.94	1	6.00	202396.01	596524.32					0.30
40	Deciduous	8.00	1.26	1	8.00	202396.80	596527.21					0.40
41	Deciduous	7.00	0.94	1	6.00	202397.01	596531.81					0.30
42	Deciduous	7.00	0.63	1	4.00	202396.95	596534.40					0.20
43	Deciduous	8.00	0.94	1	8.00	202396.87	596540.78					0.30
44	Deciduous	8.00	0.94	1	7.00	202396.78	596542.44					0.30
45	Deciduous	8.00	1.26	1	8.00	202396.79	596544.54					0.40
46	Deciduous	3.00	0.63	1	4.00	202394.41	596565.31					0.20
47	Deciduous	3.00	0.63	1	4.00	202394.37	596572.23					0.20
48	Deciduous	7.00	0.94	1	8.00	202397.40	596592.51					0.30
49	Deciduous	6.00	0.94	1	7.00	202397.58	596589.98					0.30



✓ 5  
**Carson, Lucia**

---

**From:** Carson, Lucia  
**Sent:** Monday, 31 March 2014 11:36 AM  
**To:**  
**Subject:** FW: Purchase Order No. for Additional survey to be undertaken for Rivett B 13 S 28  
**Attachments:** 20140331102112337.pdf

Morning ,

Please find attached the Purchase Order Number for the additional survey to be undertaken for Rivett Block 13 Section 28. Once the survey has been finalised could you please make sure that the Purchase Order Number is clearly visible on your invoice back to Land Development Agency.

Regards,

Lucia Carson  
Project Officer  
Site Preparation  
Land Development Agency  
Economic Development Directorate  
Level 7 TransACT House  
470 Northbourne Avenue  
DICKSON ACT 2602  
T: 6207 9604  
F: 6207 7324  
E: [lucia.carson@act.gov.au](mailto:lucia.carson@act.gov.au)



**ACT**  
Government

**Land Development Agency**  
CANBERRA FIRST

ABN: 20 419 925 579

**Purchase Order**

Send To
ACT SURVEY PTY LTD PO BOX 378 MAWSON, ACT 2607

Deliver To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

Invoice To
Level 6 TransACT House 470 Northbourne Avenue Dickson ACT 2602

**Order Number: L14359**

Please quote this number on all deliveries and invoices.  
Please supply the undermentioned goods/services in accordance with the terms and conditions.

<b>Supplier No:</b> 654	<b>Buyer:</b> H TRINDER	<b>Creation Date:</b> 27-MAR-2014
<b>Contact:</b>		<b>Payment Terms:</b> 30 Days
<b>Phone:</b> (02) 6231 0059		

**Notes:** Additional survey to determine low point in block - 13/28 Rivett **Page:** 1 of 1

Item	Description	Qty	Unit	Unit Price	Unit Total (Ex GST)
1	Additional survey to determine low point in block - 13/28 Rivett	0	DOLLAR	1.00	

HAYLEY TRINDER  
Finance Officer

Person Authorised to Sign

**Total Exclusive of GST:**

**Total Inclusive of GST, where applicable:**

Enquiries to:

Kaz Wilson  
Phone: (02) 6205 1168  
Email: karen.wilson@act.gov.au

Signature

27-MAR-2014

Date

**Carson, Lucia**

---

**From:** Chappell, Hazel  
**Sent:** Monday, 31 March 2014 10:32 AM  
**To:** Carson, Lucia  
**Subject:** FW: RIVETT PEDESTRIAN COUNT  
**Attachments:** 20140328091147688.pdf  
  
**Importance:** High

Lucia  
Approval is give to raise a purchase order to the value of                      for Mott McDonald to undertake this work.  
Thanks Hazel

---

**From:** Carson, Lucia  
**Sent:** Friday, 28 March 2014 9:33 AM  
**To:** Chappell, Hazel  
**Subject:** FW: RIVETT PEDESTRIAN COUNT

Hazel,  
r approval is sought for a pedestrian count to be undertaken for Rivett Block 13 Section 28 TAMS. TAMS has requested that the pedestrian count be undertaken as they are particularly interested in the pedestrian walkway which crosses the site and leads directly into the Rivett shops. The total cost will be                      including GST

Regards,

Lucia

---

**From:** Breen, Mike J  
**Sent:** Friday, 28 March 2014 9:17 AM  
**To:** Carson, Lucia  
**Subject:** RIVETT PEDESTRIAN COUNT

Lucia  
Please find attached fee proposal for your consideration.  
In discuss fee and scope as required.

Mike Breen

---

**From:** Breen, Mike J  
**Sent:** Friday, 28 March 2014 8:28 AM  
**To:** 'Carson, Lucia'  
**Subject:** FW: LUCIA FROM LDA PHONED 3.20pm RE: RIVETT PLEASE RETURN HER CALL 6207 9604

Lucia  
I will organise fee proposal for this pedestrian count  
Mike Breen

---

**From:**  
**Sent:** Thursday, 27 March 2014 3:25 PM  
**To:** Breen, Mike J  
**Subject:** LUCIA FROM LDA PHONED 3.20pm RE: RIVETT PLEASE RETURN HER CALL 6207 9604

Mike

Lucia was after a quote from traffic consultant for the above project. I think TAMS requested pedestrian volume count for the site.

Thanks



Administration/Accounts

---

**Mott MacDonald**

Level 6, SAP House  
224 Bunda St, Canberra City ACT 2601  
PO Box 224 Civic Square ACT 2608

T: +61 (0)2 6253 1555  
E:  
W: [www.mottmac.com](http://www.mottmac.com)

**Global management, engineering and development consultants**

Mott MacDonald Australia Pty Limited is a subsidiary of Mott MacDonald International Limited.  
Registered in Australia, ABN 13 134 120 353

Information contained in this e-mail is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you are not the intended recipient of this e-mail, the use of this information or any disclosure, copying or distribution is prohibited and may be unlawful. If you received this in error, please contact the sender and delete the material from any computer.



311006  
28 March 2014

Land Development Agency  
Level 6, TransACT House,  
470 Northbourne Avenue,  
DICKSON, ACT 2602

Attention: Lucia Carson

Dear Lucia,

**RIVETT SECTION 28 BLOCK 13- PEDESTRIAN ASSESSMENT**

We are pleased to submit our proposal and plan for the provision of civil engineering services for the above project.

**SCOPE OF WORK**

The proposed scope for undertaking TAMS request for information on the pedestrian route through Block 13 is as follows :

- Observations and pedestrian volumes counts on this path and adjacent paths – 3 x 2 hour periods
- Prepare maximum two page report
- Prepare plan indicating pedestrian counts and routes
- Submission and discussion with TAMS

This investigation report will form an appendix to the main Sir Investigation Report completed for this site in 2013.

**TIMING/PROGRAM**

Completed draft report to be available within two weeks from the date of your approval and advice to proceed.

**FEE**

The lump sum fee for the scope of work described above is                      excluding GST.

We trust that you will find our proposal acceptable and we look forward to working with you on this project. Please do not hesitate to contact the undersigned if you require clarification or further assistance.

Yours faithfully

**Mike Breen**  
Technical Director  
**Mott MacDonald**

## Carson, Lucia

---

**From:** Breen, Mike J  
**Sent:** Friday, 28 March 2014 8:28 AM  
**To:** Carson, Lucia  
**Subject:** FW: LUCIA FROM LDA PHONED 3.20pm RE: RIVETT PLEASE RETURN HER CALL 6207 9604

Lucia  
I will organise fee proposal for this pedestrian count  
Mike Breen

---

**From:**  
**Sent:** Thursday, 27 March 2014 3:25 PM  
**To:** Breen, Mike J  
**Subject:** LUCIA FROM LDA PHONED 3.20pm RE: RIVETT PLEASE RETURN HER CALL 6207 9604

Mike

Lucia was after a quote from traffic consultant for the above project. I think TAMS requested pedestrian volume count for the site.

Thanks

Administration/Accounts



---

### Mott MacDonald

Level 6, SAP House  
224 Bunda St, Canberra City ACT 2601  
PO Box 224 Civic Square ACT 2608

T: +61 (0)2 6253 1555  
E:  
W: [www.mottmac.com](http://www.mottmac.com)

### Global management, engineering and development consultants

Mott MacDonald Australia Pty Limited is a subsidiary of Mott MacDonald International Limited.  
Registered in Australia, ABN 13 134 120 353

The information contained in this e-mail is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you are not the intended recipient of this e-mail, the use of this information or any disclosure, copying or distribution is prohibited and may be unlawful. If you received this in error, please contact the sender and delete the material from any computer.