

## **REQUEST FOR QUOTATION** **Park Royal Entrance and 30<sup>th</sup> Avenue** **North Storm Repair**

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### **DESCRIPTION OF WORK:**

The City is looking for a qualified contractor to complete a major storm system repair at the entrance to park Royal on 30<sup>th</sup> Avenue North. The current storm system during major rain events surcharges and causes damage to 30<sup>th</sup> Avenue North. “Note that the Current storm main at the proposed MH 1 location is Asbestos Concrete”. The successful proponent will be required to install 3 new man holes and new upsized pipe between the manholes. The work is to be in accordance to the MMCD and the City of Cranbrook Subdivision and Development Servicing Bylaw. 30<sup>th</sup> Avenue North is a major bus route and the work will need to be organized with the city and the local transit service, the city will assist the contractor in this process.

The Contractor will not be responsible for replacing any asphalt as the city will arrange its patching contractor to complete this work.

Installation costs are to include all bedding materials as per MMCD and City specifications, Bedding Material to meet MMCD gradations

Native material may be used as backfill, backfill must be compacted to 98% standard proctor Density.

Road Structure to be 200mm of 50mm minus crushed gravel compacted to 98% standard proctor density and 100mm of 20mm minus crushed gravel compacted to 98% standard proctor density

### **INFORMATION:**

The new Pipe to be installed will be 525mm SDR 35 PVC, “Ultra Rib Pipe will not be considered”

All grades and Elevations to be confirmed in the Field, Attached are design elevations for quotation purposes only.

#### **MH 1**

- The New Upstream invert of MH 1 is to be 98.016
- Inlet pipe diameter to be 450mm and outlet 525mm
- Manhole is to be a 45 degree bend
- Man hole to be pre cast with inside diameter of 1200mm
- Approximant rim to invert depth is 1.9m
- Plug and Cap Existing Storm Main (Downstream Side)

## MH 2

- Inlet pipe Diameter to be 525mm and outlet 525mm
- Man hole is to be a 45 degree bend
- Man hole to be precast with inside diameter of 1200mm
- Approximant rim to invert depth is 1.9m

## MH 3

- Is to be a cast in place manhole to join the 2 inlet pipes and 1 outlet pipe at an unknown angle. Hand formed benching will be required to make this work.
- MH to be minimum inside diameter of 1800mm
- Approximant rim to invert depth is 1.9m
- Calculated invert at tie in to existing is 96.600m

Submitted Quotes must include the Following Information:

- Complete QUOTE FORM with costs for work identified (Attached)
- List of Staff responsible to deliver the Work and a brief summary of applicable experience
- List of Hourly or Unit rates for any EXTRA WORK that may be undertaken.
- Confirmation that resources are available to complete the quoted work by October 6, 2017

**QUOTES clearly marked "Attn. Curtis Mummery: QUOTATION – Park Royal Entrance and 30<sup>th</sup> Avenue North" will be accepted until 2 PM MDT on September 19, 2017 at:**

**City of Cranbrook, 1212 – 2nd Street North Cranbrook, BC V1C 4T6  
Or,**

**Via EMAIL at [curtis.mummery@cranbrook.ca](mailto:curtis.mummery@cranbrook.ca)**

The City of Cranbrook reserves the rights to accept or reject any or all Quotes and to waive any informality in the Quotes received, in each case without giving any notice.

The City of Cranbrook reserves the right to undertake any portion of work Quoted as there is no guarantee all work in the QUOTE FORM will be undertaken.

Faxed submissions will not be accepted.

Quotes must be irrevocable and open for acceptance by the City for a period of Thirty (30) days after submission even if another Quote is accepted by the City.

**QUOTE FORM:**

Provide the Unit rates and lump sum costs for the quantity of Works outlined below and in accordance to the Deliverables indicated in the Description of Work and Information Sections

Ensure Items included under information are also attached to submitted Quote

<b>Item #</b>	<b>Work Description</b>	<b>Units</b>	<b>Rate</b>	<b>Quantity</b>	<b>Cost</b>
1	Supply Place and Install MH 1	Ls		1	\$
2	Supply Place and Install MH 2	Ls		1	\$
3	Supply place and Install MH 3	Ls		1	\$
4	Supply place and Install 525mm SDR 35 PVC Storm	Lm		26	\$
5	Supply Place and Compact New Road Gravels to Specified Thickness	m <sup>2</sup>		300	\$
				<b>TOTAL:</b>	\$

<b>Company Name</b>	
<b>Signature of Authorized Representative</b>	
<b>Full Name and Title</b>	
<b>Address</b>	
<b>Phone</b>	
<b>Email</b>	

1701

3013

3016

2994

2998

3012

3001

987

2991

2995

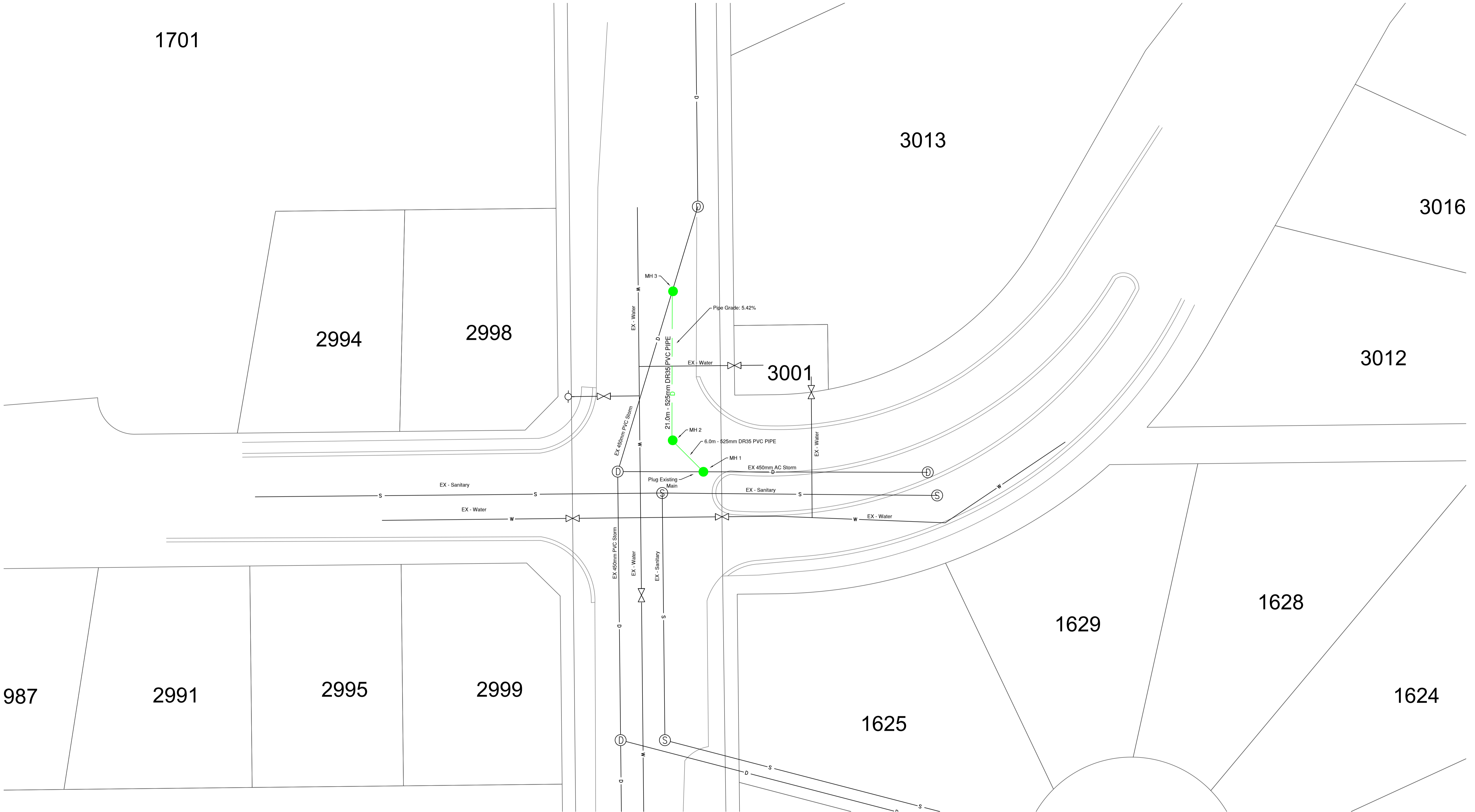
2999

1629

1628

1625

1624



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The seal and signature of the City Engineer on this drawing certifies that the design information contained in this drawing accurately reflects the original design and the material design changes made during construction that were brought to the City Engineer's attention. This drawing is intended to incorporate addenda, change orders and other material design changes, but not necessarily all site instructions. The City Engineer does not warrant or guarantee, nor accept any responsibility for the accuracy or completeness of information supplied by others contained on these drawings, but does, by sealing and signing, certify that the information, if accurate and complete, provides a system which substantially complies in all material respects with the original design intent.

**STAMP**

NO.	DATE	BY	REVISIONS	ENG.

DESIGN BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE



SCALE HORIZ. 1:250 SCALE VERT. N/A  
 SHEET -- OF --  
 ENG PROJECT NUMBER --

**PROJECT**  
 DESCRIPTION 30th Avenue North Storm System Repair