

Report to Committee of the Whole

Date: 3/10/2025
From: Chad Kean, Manager of Public Works
Re: Award Geotechnical RFP

RECOMMENDATION

THAT the Committee of the Whole receive for information the report to Award the Geotechnical RFP;

AND FURTHER THAT the Committee directs staff to bring the final request to award the Geotechnical RFP for Armstrong Road, Pioneer Road, and Bolton Road, to PRI Engineering for the total cost of \$50,029.32, inclusive of non-recoverable HST to the March 24th Regular Council Meeting.

BACKGROUND

It was staff's understanding that the reconstruction of Armstrong Road may be a budgeted capital project in the future, within the Village's budget. Therefore, during the 2025 capital budget deliberations, it was suggested that a geotechnical investigation of Armstrong Road be undertaken in advance of any work to ensure that the road base is substantially adequate as well as having appropriate drainage and/or to obtain the required data in order to plan appropriately for a future capital project for Armstrong Road.

Consequently, the Village had budgeted \$50,000 in the 2025 budget for "Geotechnical for Road Construction", with specific intention to allocate these funds toward the geotechnical review of Armstrong Road. Within the RFP, staff included provisional items for geotechnical investigation for the upcoming capital reconstruction projects for Bolton and Pioneer Roads.

ANALYSIS

Staff developed an RFP and posted on Biddingo and the Village's website on January 21, 2025, with a closing date of February 14, 2025.

As a summary of the scope of work, it is intended to involve drilling boreholes into the existing roads as:

- Armstrong Road 3.47km length = 18 boreholes
- Bolton Road 3.9km length = 20 boreholes
- Pioneer Road 6.02km = 30 boreholes

The contractor will use these drill samples to provide recommendations on drainage, base material, reconstruction, etc. Additionally, the contractor will provide culvert assessment for the culverts on the aforementioned roads.

Upon the closing date of the RFP, two (2) firms provided submissions as:

- PRI Engineering Corp. (Lindsay, ON.)
- GHD (Ottawa, ON.)

BUDGET/LEGAL IMPLICATIONS

As mentioned, the Village had budgeted \$50,000 for geotechnical investigation work in the 2025 capital budget (code 27-3124), noting that a culvert assessment was also included in the scope of work.

This culvert assessment is highly recommended by staff for the following reasons:

- Assess conditions for appropriate drainage of the road-bed and ditches
- Assess conditions, size, cover, and quality for the Village’s asset management plan

Following the closing of the RFP, the submitted quotations are summarized below for added reference to Council:

Armstrong Road Geotechnical Investigation										
Company / Firm					Borehole Costs	Amount of Boreholes	Borehole Depth	Culvert Assessment	Report / Recommendations	Sub Total
PRI					\$8,928.00	18	2	\$1,999.00	\$3,034.00	\$13,961.00
GHD					\$26,640.00	18	1.5	\$10,700.00	\$22,900.00	\$60,240.00
Pioneer Geotechnical Investigation										
Company / Firm					Borehole Costs	Amount of Boreholes	Borehole Depth	Culvert Assessment	Report / Recommendations	Sub Total
PRI					\$14,940.00	30	2	\$1,999.00	\$3,270.00	\$20,209.00
GHD					\$37,200.00	30	1.5	\$11,900.00	\$37,600.00	\$86,700.00
Bolton Geotechnical Investigation										
Company / Firm					Borehole Costs	Amount of Boreholes	Borehole Depth	Culvert Assessment	Report / Recommendations	Sub Total
PRI					\$9,940.00	20	2	\$1,999.00	\$3,055.00	\$14,994.00
GHD					\$27,300.00	25	1.5	\$9,800.00	\$23,500.00	\$60,600.00
Geotechnical Investigation Total										
Company / Firm	Methodology & Project Schedule	Understanding of RFP	Pricing	Final Score	Borehole Costs	Amount of Boreholes	Borehole Depth	Culvert Assessment	Report / Recommendations	Total
Max Amount	/25	/25	/50	/100						
PRI	22	23	50	95	\$33,808.00	68	2	\$5,997.00	\$9,359.00	\$49,164.00
GHD	21	22	12	55	\$91,140.00	68	2	\$32,400.00	\$84,000.00	\$207,540.00

In summary, the total values of the submissions for all 3 roads, including culvert assessments and reporting are:

PRI Engineering; \$ 49,164 + HST

GHD; \$207,540 + HST

CONCLUSION

Staff recommend that RFP be awarded to PRI Engineering Corp. for the submitted cost of \$49,164 + HST, or \$50,029.32 that includes non-recoverable HST.

OTHERS CONSULTED

N/A

ATTACHMENTS

N/A

Submitted by:

Approved by:

Chad Kean, Manager of Public Works

Darlene Plumley, CAO