

## ENGINEER'S PRELIMINARY COST ESTIMATE

Tuesday, May 13, 2025

## New LS #12-Deeper Station &amp; Forcemain-Glacier Meadows Site

## Village of Kronenwetter &amp; Denyon Homes Glacier Meadows Sewer Serviceability



|  | #         | Item  | Item<br>Quantity | Units | Unit Cost    | Total Cost       |
|--|-----------|---|------------------|-------|--------------|------------------|
| <b>Project Development Costs</b>                       | a         | Comprehensive Mapping & Surveying   | ----             | ---   | ----         | \$0              |
|  | b         | Planning, Coordination, Engineering & Administration  | ----             | ---   | ----         | \$20,000         |
|  | c         | Legal Services  | ----             | ---   | ----         | ----             |
|  | d         | Title Services  | ----             | ---   | ----         | ----             |
|  | e         | Land Acquisition (Prof. Fees & Land Rights) Estimate  | ----             | ---   | ----         | ----             |
|  | <b>T1</b> | <b>Subtotal Project Development Costs</b>   |                  |       |              | <b>\$20,000</b>  |
| <b>Road Costs</b>                                      | 1         | Erosion Control Items & Maintenance During Construction   | 1                | LS    | \$20,000.00  | \$20,000         |
|  | 2         | New Wet Well, Above Ground Valve Vault, Enclosure, Transducer, Floats, Piping, Hatch, Guide Rails, Pumps, Quick Connect | 1                | EA    | \$265,000.00 | \$265,000        |
|  | 3         | Lift Station Complete, Controls, wiring-Complete  | 1                | Ea    | \$40,000.00  | \$40,000         |
|  | 4         | Excavation-Dewatering-Install Wetwet, Waterproof  | 1                | Ea    | \$100,000.00 | \$100,000        |
|  | 5         | Generator - 30 Kw & ATS   | 1                | EA    | \$60,000.00  | \$60,000         |
|  | 6         | Electrical & Gas approx. Utility Costs  | 1                | LS    | \$50,000.00  | \$50,000         |
|  | 7         | Electrician   | 1                | LS    | \$40,000.00  | \$40,000         |
|  | 8         | 4" Force Main   | 1,320            | LF    | \$50.00      | \$66,000         |
|  | 9         | Granular fill-Force Main  | 1,956            | CY    | \$10.00      | \$19,600         |
|  | 10        | Pavement Removal  | 267              | SY    | \$7.00       | \$1,900          |
|  | 11        | Topsoil removal   | 1,413            | CY    | \$8.00       | \$11,301         |
|  | 12        | Topsoil, Seed & fert.   | 1,598            | SY    | \$5.00       | \$8,000          |
|  | 13        | 3/4" gravel base for pavement   | 111              | CY    | \$45.00      | \$5,000          |
|  | 14        | HMA Asphalt Pavement 4" Road Pavement   | 67               | Tn    | \$95.00      | \$6,400          |
|  | 15        | 3/4" Crushed Aggregate for Road Shoulder, 2' wide x 6" thick  | 7                | CY    | \$50.00      | \$400            |
|  | 16        | E-Mat all Disturbed areas,  | 1,598            | SY    | \$3.00       | \$4,800          |
|  | 17        | Traffic Control   | 1                | LS    | \$ 2,000.00  | \$2,000          |
|  | 18        | Tree removal  | 1                | LS    | \$ 2,000.00  | \$2,000          |
|  | <b>T2</b> | <b>SubTotal Road Construction &amp; Utility Costs</b>   |                  |       |              | <b>\$723,000</b> |
| <b>Percentage Allocations On Construction Subtotal</b> | A1        | Performance & Payment bonds   | 2                | %     | ----         | \$14,500         |
|  | A2        | Mobilization/Demobilization   | 2                | %     | ----         | \$14,500         |
|  | A3        | Funding Requirements (Allocations, Agreements)  | 3.0              | %     | ----         | \$21,700         |
|  | A4        | Construction Contingencies  | 10               | %     | ----         | \$72,300         |
|  | A5        | Geotechnical  | 0                | %     | ----         | \$0              |
|  | A6        | Construction Engineering, Permitting, Coordination, Construction  | 4                | %     | ----         | \$29,000         |
|  | A7        | Surveying (Staking) & Legal   | 0                | %     | ----         | \$0              |
|  | <b>T3</b> | <b>Subtotal on Construction Allocations</b>   |                  |       |              | <b>\$152,000</b> |
|  | <b>T4</b> | <b>TOTAL PROJECT SUBTOTAL</b>   |                  |       |              | <b>\$895,000</b> |