



## Capital Budget Request - DESIGN

|                  |                           |                    |                                |    |           |
|------------------|---------------------------|--------------------|--------------------------------|----|-----------|
| Project Name     | Flood Mitigation - Design |                    |                                | \$ | 4,652,908 |
| Order Code       | 600871                    | Project Location   | Fort McMurray                  |    |           |
| Project Category | Public Safety             | Ward               | 1 - Fort McMurray              |    |           |
| Type of Project  | New Asset - Design        | Municipal Function | 29 - Other Protective Services |    |           |

### Project Description and Scope

Subsequent to the June 2013 flood, RMWB Administration has developed a strategy to provide flood protection to the 1:100 year ice jam flood elevation of 250 m above sea level. Council has recently mandated that the 1:200 elevation be used for most areas. RMWB had been pursuing flood mitigation to the 1:40 year ice jam flood elevation of 248.50 for over a decade. This project upgrades flood mitigation to the higher elevation using a combination of elevated roads, berms, built up urban areas and flood gates.

### Project Cash Flows

| Year                | Total Annual Cost | Federal Grant | Provincial Grant | Reserve          | Other | Debenture |
|---------------------|-------------------|---------------|------------------|------------------|-------|-----------|
| 2020 & Prior        | 1,652,908         |               |                  | 1,652,908        |       |           |
| 2021                | 1,000,000         |               |                  | 1,000,000        |       |           |
| 2022                | 2,000,000         |               |                  | 2,000,000        |       |           |
| 2023                | -                 |               |                  | -                |       |           |
| 2024                | -                 |               |                  | -                |       |           |
| 2025                | -                 |               |                  | -                |       |           |
| 2026                | -                 |               |                  | -                |       |           |
| Thereafter          | -                 |               |                  | -                |       |           |
| <b>Total Budget</b> | <b>4,652,908</b>  | -             | -                | <b>4,652,908</b> | -     | -         |

### Additional Funding Details

|                             |                      |
|-----------------------------|----------------------|
| Business Case Created By    | Maureen Nakonenchy   |
| Project Sponsor Branch      | Engineering          |
| Project Sponsor Department  | Engineering Services |
| Project Delivery Branch     | Engineering          |
| Project Delivery Department | Engineering Services |