| MARKHAM 2021 PROJECT FUND | ING REQUEST FO | RM r | Number: | 21183 |
|--|------------------|--------------|---------|------------------|
| Project Name: City Wide Water and Wastewater Service | ing Undete | Project | Cost: | \$458,000 |
| | | | Studies | s/Pilot Programs |
| Commission: Development Services Department: Engineering | ι | Jseful Life: | 0 | Pre Approval: |
| Project Mgr: Farshed Kawasia | Category: | Major | | |
| Ward(s): $CW \checkmark 1 \square 2 \square 3 \square 4 \square$ | Cost Validation: | 1 | | |

Requirement Validation: Other(specify in Notes)

DETAILED DESCRIPTION (SCOPE OF PROJECT):

5 6 7 8

Retain water and wastewater consultants to prepare update to city wide water and wastewater servicing to identify constraints and improvements to support growth. Results of study will provide input to the DC Background Study Update. The last study was completed in 2017.

BUILDING MARKHAM'S FUTURE TOGETHER: Safe & Sustainable Community

| PROJECT COSTS (\$) | <u>2021</u> | Future Phases | NOTES 1. Wastewater Update: \$200k |
|---|-------------------|----------------------|--|
| Cost/Quote: | 0 | 0 | 2. Water update: \$200k |
| Internal Charges: External Consulting: | 51,000 400,000 | 0 0 | Cost for Water update developed in consultation with Waterwo based on proposed scope. Cost for Wastewater upate developed |
| Sub Total: | 451,000 7,040 | 0 | based on proposed scope and estimate from consultant. This study can also be used to assist in the preparation of the |
| Total Project Cost: | 458,000 | 0 | update of the DC Background Study. |

| SOURCE(S) OF FUNDIN | <u>G (\$)</u> | | Components | | | | Futuro |
|---------------------|---------------|---|------------|---|---|--------------|--------------------------------|
| Funding Type | Budget | | | | | <u>TOTAL</u> | <u>Future</u> <u>Phases</u> |
| DCA | 458,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL FUNDING | 458,000 | | | | | 0 | 0 |

| OPERATING BUDGET IMPACT | Personnel | Non Personnel | Revenues | Expenditures/(Revenues) | |
|--------------------------|-----------|---------------|----------|-------------------------|--|
| OT EXAMING DUDGET IMFACT | \$0 | \$0 | \$0 | \$0 | |

DCA/LIFE CYCLE DETAILS

| <u>DCA</u> | | Amount in | | <u>Life Cycle</u> |
|---|------|-----------|------------|----------------------|
| Name | Year | Amount | Study | A manual in Standard |
| Hard - City Wide - Trans., Servicing, Enviro., Cycling, | | 458,000 | 10,602,000 | Amount in Study: |
| Traffic Calming, Noise, Subwatershed, Erosion Study | | | | Amount Incl HST |
| Update etc. | | | | ····· |
| TOTAL FUNDING | | 458.000 | 10.602.000 | Year in the study |
| | | | - , , | |

DCA and/or Life Cycle: Explain if there is a change in the year and/or cost: