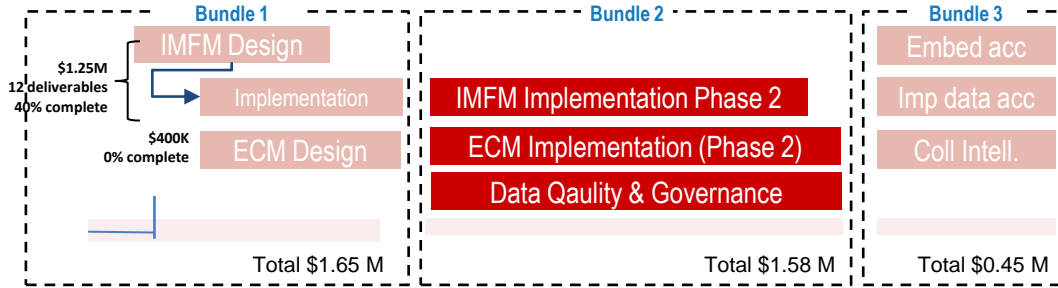# Document 4 - Information Management

Delivering a set of modern enterprise data foundation tools and a development platform based on Big Data analytics that allow OPS to modernize, automate and deliver near real time analytic capabilities to drive policing insights. Information access and storage streamlined and efficient. Total Bundle 1 funding $1.65M, spent to date $440K, 25% complete

Bundle 1

- IMFM Design
- $1.25M 12 deliverables 40% complete
- Implementation
- $400K 0% complete
- ECM Design

Total $1.65 M

Bundle 2

- IMFM Implementation Phase 2
- ECM Implementation (Phase 2)
- Data Qaulity & Governance

Total $1.58 M

Bundle 3

- Embed acc
- Imp data acc
- Coll Intell.

Total $0.45 M

What will be delivered:

Software: Cloudera, MS Power BI, Sharepoint or similar

Capabilities: Dynamic Dashboards, Proactive Policing, Optimization, Machine Learning and AI (e.g. facial recognition or similar), unified digital user experience, centralized management of structured and unstructured data in the organization - replaced excessive use of V Drive

Scope - IMFM is delivering a modern enterprise data foundation based on Big Data Analytics technology capabilities that allow OPS to migrate from dated standard, low frequency, static reporting into modern visualization based dynamic near real time advanced analytics type of insight that include structured and unstructured data analytics such as Dashboards, text, image, video,, social media, streaming data and other analytics improving performance, crime fighting and overall decision making throughout the organization. Phase 2 will see new Analytics Use Cases defined in Phase 1 implemented. ECM delivers further a centralized user focused Digital experience with increased digitization and management of digital assets across OPS enabling information management efficiencies across the full organization.

Benefits:

Efficiency: Efficiencies and increased effectiveness in decision making across many domains, such as crime fighting, crime investigation, traffic, offence, other areas of CID, Performance Management

ECM will deliver 3% efficiencies across the majority of the organization. IMFM Analytics will deliver efficient in crime fighting, deployment of resources, social sentiment analytics and other social media listening augmenting crime fighting and reputation management

Legitimacy: Improved police brand within the community with social media monitoring and analytics to augment the intelligence available to OPS

Applies To the Following Groups:

Deputy Chief | **Inspector** | **Sergeant** | **Frontline Officer** | **Civilian Manager** | **Civilian Member** | **Ottawa Resident**

SoW Summary