



## BIG DATA ANALYTICS IN INTELLIGENT ASSET OPERATIONS

Big data analytics provides insights that helps governments and businesses enhance their operational efficiency, decision making and promote economic growth

### OPPORTUNITY DEFINITION | BIG DATA ANALYTICS | INTELLIGENT ASSET OPERATIONS

This initiative is part of the organization's ambition to become an insights driven organization by leveraging big data analytics and driving efficiencies in elements of operations such as optimized and efficient asset design, construction, operation and maintenance.

#### TARGET MARKET

##### Target Market

Ashghal Public Works Authority

##### Target Users

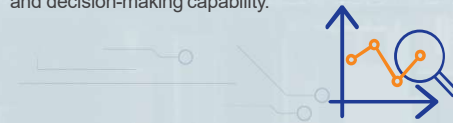
- Digital, IT & Network functions within the organization



#### KEY PROBLEM STATEMENT | NEED

Organizations are looking to continuously reduce costs across their spectrum of operations. Large scale organizations are increasingly looking towards data analytics to enhance their ability to actively mitigate future cost incurrences.

A well-defined Big Data analytics strategy will support the drive towards an insights driven organization that is able to leverage existing assets and data generation to define meaningful insights and decision-making capability.



#### PROCUREMENT CYCLE

##### Procurement Approval

The opportunity will be tendered during 2021.



#### TIMESPAN



Total duration of 2 years including identification, testing and implementation.



#### ADJACENT OPPORTUNITIES

- Ashghal Innovation Lab
- Bid Data Analytics in Operational Efficiency

#### STAKEHOLDERS

- Ashghal Public Works Authority



#### OWNER AND SECTOR

**Owner** Ashghal Public Works Authority – Information Systems Department (ISD)

**Sector** Public Administration



#### BUDGET ACROSS BIG DATA ANALYTICS ECOSYSTEM

The Qatar market for big data analytics is projected to reach **USD 108 million** by 2022, at a compound annual growth rate (CAGR) of 20% from 2019 to 2022.

