As part of understanding the broader aspects of this initiative with Midtronics, Quadrant 4 organized a call on the subject and also shared a list of questions for which it received responses from Tony and team. As a next step, Quadrant 4 recommends a detailed study of this initiative, say Discovery phase, to carry out activities listed below as ‘Discovery phase’ (Phase I). Post discovery phase, the recommendations of this phase will be carried out as Phase II (Development and Implementation). The activities, time/cost estimates for Phase II will be arrived at after the completion of the ‘Discovery Phase’.

**Activities of Discovery Phase (Phase I):**

* Understanding existing Celltraq systems and sub-systems
* Eliciting detailed functional and non-functional requirements with respect to next generation platform (*we are aware that you have gotten past this phase or in progress. We could expand this work in detail*)
* Providing UX recommendations and creating UI Design mocks and submitting for review and approval by Client. Two (2) iterations considered to wrap and finalize the scope.
* Validating and recommending solution architecture for the next generation platform
* Conducting preliminary analysis on the available sets of data
* Defining scope and solution approach for data analytics

**Duration:** 4 calendar weeks for discovery phase (Phase I)

**Resource Matrix:**

|  |  |
| --- | --- |
| **Role** | **Duration ( In weeks)** |
| Project Manager - Onsite | 4 |
| Technical Architect (Offshore) | 4 |
| UX / UI Designer (Offshore) | 4 |
| Data Scientist (Offshore) | 4 |

**Cost for Phase I: USD 36,000**

**Expected deliverables of Discovery Phase:**

* Functional Specification Document (FSD)
  + All necessary Major business functions will be captured and interpreted as use case scenarios or their equivalent with functional flows, business rules and exception scenarios
  + Specific non-functional requirements/expectations will be captured and spelt out
* Architectural Design Specification (ADS)
  + High level application architecture
  + Interface Architecture with application layers
  + Security and Privacy architecture (if any)
* Data discovery report
* Finalized list of predictive and inferential outcomes
* UI Screen mocks (JPG) for major screens/dashboards
* Project Plan and time/cost estimates for the subsequent phase (Phase II - Development and implementation of the recommendation from the discovery phase)