Provided by **Michael Thorne from Bristlecone Holdings (12/9/2016) (Bristlecone/Phase 1 and 2 - Backlog)**

Here’s what we will be expecting during phase 1:

-          Help design overall architecture of Bristlecone API

-          Help choose appropriate hosting, gateway and documentation options for the platform

-          Help design system to negotiate data transfer between API endpoint hosts and existing Rackspace server.

-          Review current token/credentialing system for long term needs

-          Implement API endpoints as designed

-          Design and implement API test architecture

-          Implementation should be with .NET Core as coding solution.

**- Do we have to follow any type of coding/test standard or the SME will define that?**

We currently use Resharper with a configuration built into our codebase to help standardize the style.  We use Autofac for dependency injection and XUnit for test.  Other than that, we do not have documented coding or test standards and code is more or less hopefully self-documented in nature.  We’ll do some code reviews before code gets committed to make sure it aligns with our existing system.  Understand also that there is still a good deal of our codebase that does not follow even our standards as it was originally written by a different 3rd party.

**- Will the SME have a technical partner inside Bristlecone that will approve the deliverables? Who?**

Either myself (Michael) or one of my team members will help approve deliverables.

**- Do you have a code repository that we could use?**

We use bitbucket for our code repositories and can grant permissions not only to those but grant the ability to make new repos as necessary

**- Who will be the SME's point of contact that will provide the explanation and details of your current apps?**

Either myself or one of my team members will help provide the explanation and details of our current apps.  My hope is that we can get the SME into our Slack instance which will allow him/her to access my entire dev team for questions.

**Information security**:

Part of the requirements for the project will be establishing some required security standards appropriate to transferring PII (personally identifiable information) and other sensitive customer information via the API. I think that applies more to the requirements of the project though in order to deploy to production rather than what I think you’re asking about which is in the development of the code itself.

If I recall, Belatrix has standards for how your vendor’s data/code/IP is protected and not shared outside of the resources involved in a project. Those standards should be sufficient for our needs.

Basically, we’d like our code and other intellectual property to be protected.