

## Attachment 16: Relevant Experience Project Template (Document Verification)

### Part 1: Project Identification

Offeror Name:	Technuf LLC
Contractor Name if other than Offeror (Restricted Pool Only):	Click here to enter text.
Contract Number:	YA-400519425
Order Number (if applicable)	Click here to enter text.
Project Title:	CyberSecurity Infrastructure Support for Yoga Alliance
Prime or Subcontractor:	Prime
Contract Type:	Time & Materials
Period of Performance (PoP):	08/2018-Present
PoP if all options are exercised:	Base + 4
Obligated Amount:	\$600,000.00
Base and All Options Value (Total Contract Value):	\$600,000.00
NAICS:	541512, 541513, 541519, 518210, 541330, 541511
PSC Code	D310, D306, D307, D308

### Part 2: Project Reference Information

#### Contracting Officer (or Corporate Official for Commercial Experience)

Name:	Krishna Yendluri
Title:	Vice President of Technology
Agency or Customer:	Yoga Alliance
Phone:	571-319-0822
Email:	kyendluri@yogaalliance.org

#### Contracting Officer's Representative (COR)/Federal Program Manager (FPM) (Complete only if COR/FPM providing signature verification in Part 4)

Name:	Click here to enter text.
Title :	Click here to enter text.
Agency:	Click here to enter text.
Phone:	Click here to enter text.
Email:	Click here to enter text.

### **Part 3: Project Description**

(If performed as Subcontractor, explain your role in accomplishing the project objectives)

#### **Customer Challenge:**

Yoga Alliance (YA) is a US-based nonprofit membership trade and professional organization for yoga teachers. It provides a voluntary credentialing system for yoga teachers and schools. YA employees utilize suite of applications for YA maintenance. This raised the need to provide a single sign-on option for the employees, which would eliminate the necessity to provide login credentials every time user access a different application. The core business requirements for YA were:

- A single sign-on solution across the organization
- Ability to integrate with custom web application and Software-as-a-Service (SaaS) application such as Salesforce.
- Have customized login page with YA skin/look-and-feel. Preferably login happening from the YA.org in-house app itself

#### **Technuf Solution:**

Technuf team captured the core business requirements and developed extensive use cases for further development through JAD (Joint Application Design) sessions. Some low-level use cases include:

The IDP must be able to do the following:

Login:

- Must be able to support both staff and customers
- Users will login from the Login page in YA portal
- Redirected to IDP login for SSO. As mentioned above, it is preferable, if we can show the existing login page itself in YA.org and login into the IDP happening behind the scenes.
- IDP login screen should have YA branding and 'look-and-feel' of YA
- User enters credentials and after authentication is redirected to YA portal

Change/Forgot password:

- User clicks on Login/Signup on YA portal
- IDP to handle "forgot password/change password" flow

After understanding the requirements Technuf team performed an extensive proof-of-concept (POC) for single sign-on (SSO). The COTS product researched were Microsoft Azure, Auth0 and Ping Identity as Identity Provider (IDP). In collaboration with YA, Technuf finalized Ping Identity as the effective solution for SSO implementation. The solution comprised of utilizing

Ping's APIs to import existing YA users from their directory to Ping and integrate Ping with other enterprise applications for SSO.

In order to bulk import users into Ping console, Technuf team devised a python script to run API loops to import user. After users were imported into Ping environment, end-to-end testing were conducted to ensure new users added from YA platform are automatically added to Ping portal as well. Further test cases involved checking whether changing user information in one platform updates the corresponding user information in another platform or not. Technuf team put together detailed test case document to guide user to perform UAT. Technuf team also collaborated with YA development team to demonstrate step-by-step process of setting up Ping environment and integrate with YA custom applications and other SaaS applications.

As part of deliverables, Technuf provided source code from POC with different platforms, SSO implementation guide and test case document for future reference.

### **Results and Benefits:**

Single sign-on solution provided by Technuf will help YA in seamless integration of all of their enterprise applications under one login. This will benefit YA employees and save a lot of time in providing credentials in different platforms. It will also reduce the burden to remember different sets of username/password for login.

### **Part 4: Project Verification**

(Convert to .pdf before signing)

Signature below by a Contracting Officer, Contracting Officer's Representative, Federal Program Manager, or Corporate Official constitutes acceptance of the above project information to be accurate as ordered and received by the listed entity. <b>NOTE: Signature by Contracting Officer's Representative/Federal Program Manager must include copy of email notification to the cognizant Contracting Officer.</b>	
Name: Krishna Yendluri Date: October 30, 2019	Signature: 