# Statement of work

By Camilo Moscoso

For ARC’TERYX Equipment, a division of Amer Sports Canada Inc

March 9, 2023

SOW #161

## Introduction

Camilo Moscoso will perform the Drupal work required for ARC’TERYX Equipment.

## Purpose and objectives

The purpose of this project is to upgrade from Drupal 8 to Drupal 9 or Drupal 10 and all contrib modules to the latest version. In addition, to implement a Single Sign On (SSO) functionality in Drupal with Azure AD.

## Tasks

Camilo Moscoso will complete the following tasks as part of this project:

* Install contrib module to allow for SSO.
* Set up and test the SSO.
* Provide the login url/path for the SSO login button.
* Install feeds module to bulk update user emails from .csv file.
* Create a view that will export all user emails in .csv file format.
* Provide any public or private keys needed for SSO.
* Update composer.json to Drupal 9 or 10.
* Provide the updated composer.json and composer.lock files

The following tasks will not be performed by Camilo Moscoso:

* Upgrade server’s PHP 7.2.11 to 7.4.29
* Upgrade server’s PHP 7.4.29 to 8.1.16
* QA website after the Drupal core and modules upgrade.
* Push codebase to live site.
* Add/Create/Theme the headless SSO login button.

## Deliverables

Camilo Moscoso will provide the following deliverables as part of this project:

* Assist in upgrading Drupal 8 to Drupal 9 or 10.
* Implement Drupal Single Sign On (SSO) feature with Azure AD.

## Schedule

This project will follow the below estimated schedule:

|  |  |  |  |
| --- | --- | --- | --- |
| **Task/project phase** | **Est. start date** | **Est. end date** | **Est. hours required** |
| Research the SSO implementation | Feb 21, 2023 | March 9 | 2 |
| Attended kick off meeting | Feb 22, 2023 | Feb 22, 2023 | 0.5 |
| Take a look at the composer.json files & analyze any upgrade pitfalls/issues.  Perform Drupal 9 & 10 upgrade and provide update composer.json and composer.lock files. | March 5, 2023 | March 13 - 17 | 1 to 3 |
| Install contrib module to allow for SSO.  Configure and perform a login test. Do any necessary debugging. | March 9 or 10 | March 13 - 17 | 1 to 4 |
| Intall Views Data Export contrib and configure view for emails export.  Install feeds module and configure for emails update/import.  Provide config file. | March 9 or 10 | March 13 | 1 to 2 |

## Location

All work related to this project will occur remotely.

## Budget, pricing, and payment schedule

Camilo Moscoso will charge **$50 per hour**. Once all deliverables are completed an invoice will be created with all the hours worked. Payment shall be made within 4 weeks of the invoice.

## Resources

ARC’TERYX Equipment might need supply the following resources to enable Camilo Moscoso to complete this project:

* A copy of the Drupal database.
* Access to the codebase.

## Special terms and conditions

Camilo Moscoso is not responsible for any loss of revenue if the live site goes down or has any bugs due to the upgrade.

Signatures

Signed and agreed to by:

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| --- | --- |
| Claire Kendrick  Senior Director, E-commerce Information Systems at Arc'teryx Equipment  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Camilo Moscoso  Senior Drupal Developer  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  March 9, 2023 |