

# Keystone Procurement Website Accessibility Audit

## Overview

This audit was carried out by manually testing each page of the website using only the keyboard keys and with NVDA, and using open source screen reader. Scans on each page were also carried out using axeDevTools.

Colour contrast was tested using <https://dequeuniversity.com/color-contrast>

The details below cover what was tested with comments/recommendations for improvements where needed to make the website WCAG AA compliant.

Area	What was tested?	Tools used	Comment
Support for multiple browsers and devices	Desktop, tablet and mobile view in landscape and portrait view.	We used the Chrome Developer tools to check the site on versions of iPhone, iPad, iPad mini, Samsung Galaxy. Tested on Chrome, Edge and Opera.	We didn't report any layout or functionality issues with the website across the web browsers and devices used. Website speed is very good.
Ability to use the keyboard	We tested the entire website using just a keyboard view	Keyboard navigation and shortcut keys	<p>Corrected the Arrange a Call back in the main navigation is not clickable via keyboard keys.</p> <p>Updated the Cookie policy "Accept" button – needed further colour contrast and further clarity on focus – black border.</p> <p>Added definition on the sub navigation by underlining the text in the dropdown navigation.</p>

Ability to use a screen reader	We tested the entire site	We used the NVDA screen reader on desktop	<p>Updated the Slides with text are not read by the screen reader</p> <p>Homepage: Please note we added a heading to introduce the first set of slider text</p> <p>Register buttons are not registered by the screen reader.</p> <p>Dropdown navigation now working properly.</p> <p>Images with text overlayed cannot be read by readers. This has been addressed on the homepage. The posts with text on images are accompanied by heading text so they are fine as is .</p> <p>Common Procurement Phrases entered in a table.</p> <p><b>The register form has a visual reCAPTCHA – this needs to be changed to an audio option for people who are blind.</b></p>
Colour contract checking	<p>All text</p> <p>Buttons, hover, focus, active states</p> <p>Text links, Hover, focus, active states</p> <p>Navigational links</p>	<a href="https://dequeuniversity.com/color-contrast">https://dequeuniversity.com/color-contrast</a>	Colour contrasting issues have been addressed
General accessibility testing (e.g. labelling, tagging, naming, use of ARIA etc)	labelling, tagging, naming, use of ARIA	Manually reviewed and tested the site using Chrome DOM and the axe DevTools Chrome extension to test for any errors in these areas.	<p>Update the search icon in the main navigation with an aria. - done</p> <p>Use WCAG AA standard form labelling for the contact form. Form on contact page</p>

			not responding correctly - needs to be corrected.-Done Landmark labelling issue needs to be corrected.
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## Audit Checks

The following are areas that we have tested/reviewed and deemed pass or fail. For the areas that have failed we have identified how we can correct the issues.

Test	Pass/ Fail	Comment
<b>1.1 Text Alternatives</b>  <i>Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols or simpler language.</i>	Pass	While all of the images have alt text we need to improve the quality of the them by making them more descriptive. We viewed the media library to check that they had alt tags and used a Chrome extension called "Image alt text view" to double check each page.
<b>1.2 Time based media</b>  <i>Provide alternatives for time-based media.</i>	Pass	There are no time-based media on the site.
<b>1.3 Adaptable</b>  <i>Create content that can be presented in different ways (for example simpler layout) without losing information or structure.</i>	Pass	Some of the images are sitting in the background of a column and the alt text isn't being read by screen reader. These images are not informative and just decorative.
<b>1.4 Distinguishable</b>  <i>Make it easier for users to see and hear content including separating foreground from background.</i>	Pass	There is no video or audio on the website
<b>2.1 Keyboard accessible</b>  <i>Make all functionality available from a keyboard.</i>	Fail	All areas passed bar the Zoho forms- further investigation needed.

Test	Pass/ Fail	Comment
<p>2.2 Enough time</p> <p><i>Provide users enough time to read and use content.</i></p>	Pass	There are no time-based limits on the website
<p>2.3 Seizures and physical reactions</p> <p><i>Do not design content in a way that is known to cause seizures or physical reactions.</i></p>	Pass	There are no know content on the site the causes seizures
<p>2.4 Navigable</p> <p><i>Provide ways to help users navigate, find content, and determine where they are.</i></p>	Fail	The site has been tested for universal use, keyboard and screen reader users and recommendations need to be applied. The Zoho Forms need placeholder text on the open fields. We will need Keystone Procurements Help with this.
<p>2.5 Input modalities</p> <p><i>Make it easier for users to operate functionality through various inputs beyond keyboard.</i></p>	Pass	While there are no time based or complex gestures needed to use the website. We have reviewed the contact form on the contact page and the arrange a call and they are accessible with a screen reader. One limitation with the screen reader are the on the Zoho forms need to include an audio version.
<p>3.1 Readable</p> <p><i>Make text content readable and understandable.</i></p>	Pass	<a href="https://www.webfx.com/tools/read-able/">https://www.webfx.com/tools/read-able/</a> calculated the readability score or the website as 41.4 – 56.1 of 100 which means 15+ years can easily understand the site. We suggest that it is fine for the industry Keystone Procurement is in.
<p>3.2 Predictable</p> <p><i>Make Web pages appear and operate in predictable ways.</i></p>	Pass	We have corrected the H1-H6 on all pages. Enable Zoom and scaling functionality has been corrected.
<p>3.3 Input assistance</p> <p><i>Help users avoid and correct mistakes.</i></p>	Pass	Included correct labels and relevant placeholder text to guide users to what they need to enter
<p>4.1 Compatible</p> <p><i>Maximize compatibility with current and future user agents, including assistive technologies.</i></p>	Pass	Colour contrasting has been corrected. Enable Zoom and scaling functionality corrected.