Transport Systems Catapult – Procurement Request for Quotation

**Summary Information**

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| **Programme:** | Virtual Reality Cardboard Eyewear |
| **Requirement:** | Quote to Manufacture Various Batch Sizes & Designs |
| **Estimated Contract Value:** | To Be Discussed With Shortlisted Companies |

**Outline Of Proposal**

Purpose

This document sets out the procurement request for a manufacturer for our uniquely designed virtual reality cardboard eyewear which can be used in conjunction with our Eyewear smartphone app. This app was built in collaboration with the Royal National Institute of Blind People (RNIB) to simulate a range of eye conditions including cataracts and glaucoma. Eyewear works by placing a filter over a smartphone camera’s feed which when combined with our Virtual Reality Cardboard Eyewear means you will see the world as if you had these conditions.

We have a number of clients who have already purchased these eyewear products and we are now looking for a long- term relationship with a manufacturer who can produce, to our designs and in varying batch quantities going forward.

Background

The Transport Systems Catapult forms part of an elite network of eleven technology and innovation centres established and overseen by Innovate UK. Together, they represent a £1billion public and private sector investment over the next five years

**Our key challenge is how to increase mobility: the efficient and cost effective movement of people and goods.**

Mission

To help UK businesses to create products and services that meet the needs of the world’s transport systems as they respond to ever stretching demands. It will help sell UK capability on the global stage, using the UK as a test bed. It will bring together organisations in a way that has not happened before, breaking down barriers and providing a unique capability to develop innovative transport systems.

Requirements

A custom printed VR cardboard viewer for iOS / Android smartphones with a maximum screen size of 6.0 inches.

Dimensions of assembled eyewear product:- 145mm x 90mm x 90mm

Material:- 1.8mm corrugated cardboard

Viewing Lenses :- 34mm biconvex lenses

Printing will be required on both the VR headset and protective sleeve. The colours and design will vary depending on our customer requirements. To include a flat rubber band to keep the phone in place.

Requires a custom cut out (an attachment has been included as part of the documentation to show template for the eyewear) for use with all major smart phone cameras :- 70mm x 40mm

Each cardboard viewer to have its own printed protective sleeve and both the internal box and external sleeve need to be shrink wrapped

Estimated Value

The estimated contract value for the manufacture and delivery of these items will be in the region of thousands of units per year, with the contract initially being awarded for a two year period.

We currently require quotations for the following quantities, including delivery to our offices at MK9 1BP

Order Quantity of up to 100 units

101 – 250 units

251 – 500 units

501 – 1000 Units

1,001 – 2,000 Units

2,001 -3,000 units

3,000 units +

Procurement Timescale / Initial Requirements

Tuesday 8th August Issue Procurement request for quote

Friday 11th August Confirmation from potential suppliers that wish to quote

Friday 18th August Final submission date for questions

Tuesday 22nd August @ 17.00 Submission of quotations to procurement email address

Week Commencing 28th August Meetings with Potential Suppliers at TSC offices to discuss proposals

Week Commencing 4th Sept Preferred Supplier Appointed, (subject to site visit)

It is intended to award the contract to a single provider.

The criteria for award will be the most economically advantageous quote, taking into account complete cost and quality assurances.

Other Considerations

The manufacturer should supply details of their quality control processes, including checks and responsibility for both incoming components and the completed cardboard eyewear.

To register your interest, ask any questions and submission of your quotation, please use the following email address :- [**procurement@ts.catapult.org.uk**](mailto:procurement@ts.catapult.org.uk)