



## Grant Request Form

Club Name

University of Strathclyde Motorsport

Date of Request

20/11/2019

Please refer to the **Grant Fund Guidelines** prior to completing this form. This will provide you with details of what can/cannot be applied for. Please attach as much evidence as possible, such as a word document explaining why your event is important and evidence of costs, in support of your request.

Where possible, please submit form at least **14 days in advance** of project or equipment purchase to ensure sufficient time for processing.

### Project Details

Only to be completed if running a project or event

<b>Date &amp; Times</b>	13/01/2019
<b>Location/Venue /Destination</b>	JW128 USM Lab
<b>Description</b> (please continue on a separate A4 sheet if necessary)	The University of Strathclyde Motorsport team is an engineering design project where students design, manufacture, market and race a single seat racecar, competing at international competitions such as Silverstone and the Hockenheimring in Germany. For our 20 <sup>th</sup> year the team will not only be competing a combustion race car but is also in the development of and EV powertrain for its future race car.
<b>Type</b> (e.g. educational trip, conference, core equipment)	Core Equipment
<b>Purpose</b> (e.g. to increase membership, develop members, showcase society)	Development of members.
<b>Expected Numbers</b> How many are expected to attend and how many of these are current members of the Society?	Expected No: 75 Society Members : 75
<b>Ticket Price</b> Is a fee being charged or tickets being sold?	NO
<b>Other Funding/Sponsorship</b> Have other avenues of funds been sought or is the society covering any of the costs from their savings account?	NO
<b>Research</b> Is there evidence attached to the Grant Request to show that the most cost effective has been sourced?	YES
<b>Profit</b> If successful with this application, do you expect to make a profit from your project <b>after</b> all overheads have been purchased, e.g. transport, DJ, etc.?	NO

## Core Equipment Details

Only to be completed if applying for core equipment

<b>Description</b> (e.g. why is this equipment necessary for your club or society's functioning?)	<b>The USM team has been providing students with industrial relevance for 20 years, providing a platform for employability for its members in a variety of sectors from consultancy firms, energy and F1. The team is currently facing a shortage of core equipment through the continued use from our members over the years and we are hoping to re-equip our team to ensure they can continue to work on this fantastic project.</b>
<b>Research</b> Is there evidence attached to the Grant Request to show that the most cost effective has been sourced?	YES

## Project Costs

To be completed by all applicants

<b>Expenditure</b> How much do you need to spend on your project or core equipment, and which source of funding will be used?	<b>Savings Account</b> £	<b>Other Source</b> £	<b>Grant Request</b> £
Hoosier Racing tyres			£1137.60`
Printed Gazebo			£456.00
Metal Files Draper (x4)			£82.08
Heat Gun			£51.50
Metal Hacksaw handles (x2)			£23.98
Compartment Organiser			£40
Deburring Tool			£33.23
EV Allen Key set			£29.95
EV Cutting Plier set			£33.27
Draper Set			£239.40
<b>Totals:</b>			£2127.01

## Expected Income

Only to be completed if running a project or event

<b>Income</b> (i.e. expected total income from tickets or external funding, such as sponsorship, before other expenses)	<b>£</b>
N/A	
<b>Total</b>	N/A

Please attach an A4 word document with any further information you feel is necessary.

Request made by:	
Committee Position:	
Email Address:	
Mobile No :	

Each cost of each can be considered individually.

- Hoosier Tyres can only be purchased from Hoosier itself and the race car is purposely built to use those specific tyres, meaning there is no alternative for sourcing. Without them the team cannot undertake test sessions or compete at competition.
- With the teams test session and competition the team often have to work outside often in a variety of weather conditions. Currently the team does not have a gazebo, leaving the car and team in the elements where when in wet conditions can hamper team progress. The team wishes to get a printed gazebo to advertise the team and university at both competition and the fresher's fair as the team sets up outside. Since the team often works closely with our sponsors, the team is also happy to enter discussions on branding the union logo on the gazebo if the request is considered.
- Due to consistent usage the team has had to discard its metal files/ hacksaws and currently only has a few that its members can use. These tools are used very often therefore while cheaper ones could be found higher quality ones will last longer and reduce the need for replacements.
- The current compartmental organiser is currently broken and falling to pieces through years of constant use. The team is looking towards a new one that allows for portability and robustness.
- Currently the team has no deburring tools which are vital to manufacturing the tight tolerances and fits of the car. The one specified is cheaper than most and allows for quality ensuring it will last the team in the distant future.
- With the current decarbonisation of Glasgow and growing move to electric vehicles in the automotive industry, the team is in development of an electric powertrain for its race car. This development requires significant investment. The rules specify the team has to have high voltage tools to carryout work on the powertrain therefore the team has to by EV tools that meet a set of strict standards. The tools specified are the cheapest sourced from a variety of manufacturers while still meeting these safety regulations.
- The Draper set is a well organised toolset requires for everything from wheel assembly to engine rebuilding. Currently the team borrows the tools needed or uses broken tools for work on the car. With this set the team would have a well organised set that will help members work on the project. There is no alternative for this set and provides all tools necessary for the team to function.

Research:

This is some of the research carried out by the team into costs of core equipment. We do have further in-depth research if you wish to review. Some items cannot be bought at a cheaper cost as there is no alternative.

Gazebo

Option 1:

### 3x3m Printed Gazebo



Price ex VAT **£149.99**  
Price incl VAT £ 179.99

[Enquire Now](#) [Order Now](#)

- Fully custom printed with your artwork
- Approx 3x3 metres
- Aluminium pop up frame
- Easy no tool assembly
- Lead time: up to 7 working days from receipt of artwork
- Starting from £149.99 for the frame only

[Read more](#)

Options

Gazebo Frame and Printed Canopy - £559

£559.98

#### Artworking Service

Select artworking service

Upload your own artwork

Artworking service charge £0.00  
Final total **£559.98**

[Add to cart](#)

Option 2: Costed



#### Package 1

Includes: Dye sublimation printed canopy, frame, storage bag and anchoring tie down kit.

Available sizes	1.5m x 1.5m, 2m x 2m, 2.5m x 2.5m, 3m x 3m, 3m x 4.5m, 3m x 6m, 4m x 4m, 4m x 6m, 4m x 8m
Available frames	Heavy Duty Steel, Trade Steel, Aluminium 40 HDX Series (Phthal), Aluminium Extreme 40 Series and 50 Series or Composite

From: £380.00 (+VAT)

[Request Free Visual](#)

30 32 40 50  
5 STRENGTH  
Learn a strength

## EV Allen Keys

Option 1: Costed

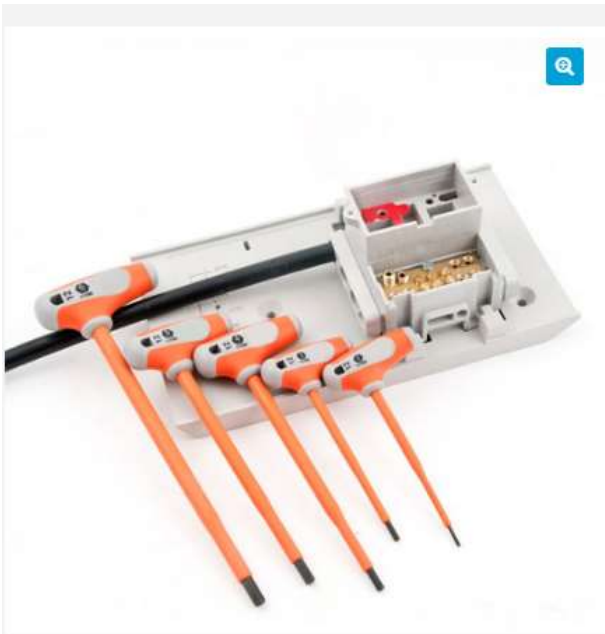
### Sealey 6 Piece Extra Long VDE Insulated Hexagon Allen Key Set Metric



While Stocks Last!

**£29.95** inc VAT

Option 2:



## P HANDLE ALLEN KEYS SET

£37.50

Insulated P Handle Allen Keys Set

1

Add to basket

SKU: EHV-AST100

Categories: Insulated Tools, Screwdrivers & Allen Keys, Tool Kits

## EV Pliers

Option 1 costed:



### VDE PLIER SET WITH POUCH 3 PIECE

BRANDS FAITHFULL

PRODUCT CODE: FAIPLVDESET

AVAILABILITY: 100

£31.61 ~~£31.61~~ ~~£31.61~~

QTY - 1 +

Add to Cart

♥ ADD TO WISH LIST

≡ COMPARE THIS PRODUCT

## Option 2: Individually purchased



### VDE HEAVY-DUTY DIAGONAL CUTTING PLIERS

BRANDS STANLEY TOOLS

PRODUCT CODE: GRPSTA084005

AVAILABILITY: 9

£15.39 ~~£15.39~~ ~~£15.39~~

#### AVAILABLE OPTIONS

SELECT \*

— PLEASE SELECT —



STANLEY

Authorised Reseller

STANLEY

Stanley STA0800C VDE Combination Pliers, 180mm (7 1/8")

£12.80



STANLEY

Authorised Reseller





STANLEY

Stanley STA084007 VDE Long Nose Plier 200mm

£15.62

# Files


## Option 1:

<p><b>Draper 200mm File Set</b> By Draper Product code: 46016 Pack size: 4 Piece</p> 	<p>By Draper Product code: 54657 Pack size: 16 Piece</p> 
<p><b>£14.84</b> Exc. VAT £12.37</p> 	<p><b>£26.20</b> Exc. VAT £21.83</p> 

(x2)

(x2)

## Option 2: Cost per file



★★★★★

Product code: 92322  
**Flat File 200mm**

**£4.98**  
ex. VAT £4.15  
Each