



5, Guilfoyle, Broadhead Strand, Grahame Park Estate, London NW9 5PN.

Our Reference No. PJRR-DE-1.

Date 8<sup>th</sup> November 2005.

**QUOTE.**  
**Inverse Gravity Vehicle.**  
**(Exhibition Quality 1/24 Scale Model.)**

To construct as per instructions a scale model of an I.G.V.  
Incorporating representative features:-

1. Perspex vacuum moulded upper hull.
2. Miniature crew figures.
3. Miniature cabin and instruments lights.
4. S.E.G running / oscillating lights.
5. Hull flood lights and navigation lights.
6. Four servo operated retractable undercarriage legs.  
With automatic opening / closing undercarriage doors.

**Materials at cost price.**

**7** **Pattern work, tooling, moulded components,**  
**Painting and assembly work @ £20 per hour.**

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|----|---|------------------|
| 8  | To produce one solid hull pattern in plaster using a steel rotary Former to carve the basic shape.                      | 20 hrs = £400.00 |
| 9  | To produce one rigid hull mould tool in G.R.P hulls,<br>Mark up sections to be cut for interior access.                 | 12 hrs = £240.00 |
| 10 | To produce tooling and then make one clear Perspex upper hull<br>(For use as an alternative to the solid one)           | 8 hrs = £160.00  |
| 11 | Lay-up cut trim and attaches ledges for the removable hull<br>Exterior sections to rest on when the model is assembled. | 6 hrs = £120.00  |
| 12 | To produce five main circular bulkheads in G.R.P.   | 8 hrs = £160.00  |

13	Produce sixty four radial struts. The upper ribs of some strut sets would be joined together And be removable to show interior details.	30 hrs = £600.00
14	Producing opening / closing bulkhead airlock doors and fit them.	20 hrs = £400.00
15	If this approach is undertaken then the Sub total to this point.	<b>120 hrs = £2,400.00</b>
16	To produce and install floor and deck sections with miniature Removable access panels. Also construct four under-carriage wells and fit.	24 hrs = £480.00
17	To produce realistic details including –  (a) Panelling, conduits and equipment stowage lockers. (b) Bridge control consoles and miniature instrumentation. (c) Detailed flight crew, seating and crew quarters.	40 hrs = £800.00
18	Construct four servo operated and precision engineered retractable under-carriage legs with automatic opening / closing Under-carriage doors.	60 hrs = £1,200.00
19	Sub total up to this point.	<b>244 hrs = £4,880.00</b>
20	To produce a scale model <b>S.E.G.</b> replica and install this in sections inside the hull. This would comprise approx. one hundred and eighty <b>Rollers</b> , Represented by anodized aluminium tubes containing pea bulbs Covered with coloured plastic lenses. (Alternatively bright red L.E.D's inside hollow Perspex rod could be used.) The <b>Ring</b> set would be represented by thin layers of Aluminium bonded together.	40 hrs = £800.00
21	<b><u>I.G.V Total Labour</u></b>	<b><u>284 hrs @ £20.00 per hour = £5,680.00</u></b>
22	<b><u>Tools / materials.</u></b>  (a) <b>Model engineering parts, Radio control kit and servos.</b> (b) <b>G.R.P. plastic and metal materials plus airbrush and paint.</b> (c) <b>Silicon rubber moulding material and catalyst.</b>	<b>£398.00</b> <b>£200.00</b> <b>£370.00</b>
23	<b><u>I.G.V. price include materials</u></b>	<b><u>£6,648.00</u></b>
24	Stand. Total Labour: (incorporating uplighters)	24 hrs = £480.00
25	Carry Case. Total Labour (incorporating handles)	24 hrs = £480.00
26	Stand and Carry Case materials.	£45.00
27	<b><u>Total I.G.V. quote include Stand and Carry Case.</u></b>	<b><u>£7,653.00</u></b>

- 28 This was the quote in 2002, to complete model by end of 2003.
- 29 During 2002, I commenced work of the control panel testing ready for this project to be completed, unfortunate I was put into hospital so that on Monday August 25<sup>th</sup> 2,003, 5 men could steal the equipment containing my life's work, thus this project had to be terminated.
- 30 To continue with the development of both the S.E.G. and I.G.V. a major problem exist:
- (1) This building is far too small for this project.
  - (2) This building is doomed to be demolish at anytime now for a road to be pass through this area.
  - (3) I have to find new accommodation.
  - (4) If this development is to continue at speed then the following is required:
    - (a) A home which meets the need of workers to be involved including myself.
    - (b) Large office section.
    - (c) Large work shop for the development to take place.
    - (d) Large clear area around site for outside testing.
    - (e) Audio Vision room for Hollywood to film how I undertake this project.

31 **Cost of suitable place** **£450,000.00**

32 **TEST EQUIPMENT / COMPUTERS.**

- (1) Some of the stolen computer equipment I have now re-brought.
- (2) Software will be required £25,000.00
- (3) Will need measuring equipment of precision standards, gauges, inspection equipment.
- (4) 3-phase AC power may be needed to magnetise materials.

33 Recommend that component parts be manufactured in China:

- (1) Roller segments, magnetic layer for full S.E.G.  
Morris has just ordered for testing \$751.76
- (2) 3 plates needed could cost £10,000.00

34 Magnetiser could be built by Morris or by John Hurst in UK cost unknown.

35 A suitable site has already been selected but expected funds have so far failed to arrive to purchased site

36 Unfortunate if I have to move before a suitable site is obtain I would have to accept a bedsit which means this work ends for good.

This represents just a rough guild to requirements and cost.

Certified as correct at time of writing by Prof. John Roy Robert Searl.