

Trust Board Report

Meeting Date:	24 February 2014
Title:	Procurement of an Ophthalmology Simulator from Charitable funds
Executive Summary:	<p>Simulator training has become common place over recent years to support doctors in training</p> <p>Trainees beginning their career in Ophthalmology attend a one day basic surgery skills course run by the Royal College of Ophthalmologists, London. They also have opportunities to practice a few basic microsurgical techniques on animal eyes in a “wet lab” environment. However, since tissues in an animal eye “feel” and “behave” very differently from the human eye, historically, much of the actual training happens on patients under close supervision by a senior Consultant.</p> <p>There is an emerging trend to use simulator training in order to help trainees learn basic cataract surgical skills. There are several centres across the country that has a virtual microsurgical simulator to help trainees in their region. At the moment we do not have a similar facility for trainees in the West Midlands. We are proposing to set up this facility based at the Wolverhampton Eye Infirmary to teach our doctors in training. The Deanery have promised funding for consultant teaching and are very supportive of our proposal.</p> <p>Once simulator training is established at WEI, there is an intention to offer training to other doctors in training within the region, which the Deanery will support. This will bring in income to the Trust</p>
Action Requested:	Procure an Eyesi simulator from WEI charitable funds
Report of:	Marion Washer
Author: Contact Details:	Tel: 01902 696278 Email: marion.washer @nhs.net
Resource Implications:	<p>Capital - Simulator to be procured from charitable funds</p> <p style="text-align: center;">£149,000</p> <p>Revenue - Maintenance contract to be funded from within Ophthalmology budget from year 2</p>

Title: _____

	£3,000
Public or Private: (with reasons if private)	Public Session
References: (eg from/to other committees)	N/A
Appendices/ References/ Background Reading	N/A
NHS Constitution: (How it impacts on any decision-making)	<p>In determining this matter, the Board should have regard to the Core principles contained in the Constitution of:</p> <ul style="list-style-type: none"> ✚ Equality of treatment and access to services ✚ High standards of excellence and professionalism ✚ Service user preferences ✚ Cross community working ✚ Best Value ✚ Accountability through local influence and scrutiny
Background Details	
1	<ul style="list-style-type: none"> • Simulator training for junior doctors is well established throughout the country and within the Trust. • Several Ophthalmologists are trained in the delivery of simulator training. • There is a need to introduce simulator training of ophthalmology doctors in training within the Birmingham and Black Country region • The Deanery is supportive of the WEI setting up simulator training and have promised funding for consultants to train. • The simulator can be procured through charitable funds • The WEI would become the regional centre for ophthalmology simulator training – this will enhance the reputation of the WEI as a teaching centre and ultimately bring income into the Trust.

Royal Wolverhampton Hospitals NHS Trust

Critical Care Services

Outline Business Case

TITLE OF PROPOSAL Procurement of a Simulator for the teaching of Junior Doctors within the Ophthalmology Directorate at Wolverhampton Eye Infirmary (WEI). Funded from Charitable funds	
DIRECTORATE Ophthalmology	PROJECT LEAD (ACCOUNTABLE OFFICER) Marion Washer
BACKGROUND Trainees beginning their career in Ophthalmology are expected to attend a one-day basic surgery skills course run by the Royal College of Ophthalmologists, London. They also have opportunities to practice a few basic microsurgical techniques on animal eyes in a “wet lab” environment. However, since tissues in an animal eye “feel” and “behave” very differently from the human eye, historically, much of the actual training happens on patients under close supervision by a senior Consultant. There is an emerging trend to use technology in order to help trainees learn basic cataract surgical skills. There are several centres across the country that has a virtual microsurgical simulator to help trainees in their region. At the moment we do not have a similar facility for trainees in the West Midlands. We are proposing to set up this facility based at the Wolverhampton Eye Infirmary. By using bespoke 3D computer simulation, the EYesi system will allow trainees to develop initial microsurgical skills and simulate more complex surgical problems and techniques for managing them. The simulator uses an operating microscope with the trainee operating on a virtual eye, realistically mimicking, a real cataract operation, but without the stress! Improvement in skill can be measured; pre-designed courses can be used by the trainee on his/her own, or the system can be used with a trainer. The Regional School of Ophthalmology is very keen that we have this facility available for West Midland trainees. The Ophthalmology department accommodates and trains a range of trainee doctors ranging from FY1 to ST7 level of seniority. As a regional centre, the Ophthalmology department takes the training of trainee doctors very seriously. The opportunity to provide simulator training will further enhance the delivery and commitment of training at the WEI. In addition, it will also reduce the risks for patients to have trainees who have “learnt” the basic skills on the virtual simulator before performing “live”.	

WEI has an excellent reputation for training and being the only centre in the region to have this facility will only enhance that reputation.

DELIVERY OF TRAINING

The junior trainees will be trained on how to use the machine and taken through the steps of surgery by a senior consultant. Initially this will have to be done as a 1-on-1 session but as the trainees become more confident in using the machine, they can practice solo, keep a log of the “procedures” that they have undertaken and Consultant supervision may be less intensive. The teaching plan can be seen in **Appendix 1**.

A lockable room has been identified within the teaching block of the WEI to house the simulator. This will give consultants and juniors more flexibility for teaching on the simulator

FUNDING FOR TRAINING

The Head of School of Ophthalmology has assured us funding (equivalent of 1 PA) from the Deanery to pay towards the cost of Consultant time required for this training. **See Appendix 1**.

INCOME GENERATION OPPORTUNITIES

Once the simulator training is established at WEI, there is a plan to run courses that trainees could enrol for and pay out of their study budgets. This would be easy to set up, the consultants are committed to deliver ‘out of hospital’ training and the room that the computer would be housed in, is adjacent to the WEI teaching room.

There are two options outlined in this business case. Option 2 is the preferred option.

CASE FOR IMPROVEMENT

In order to improve the quality of junior doctor training at WEI and reduce the risk to patients who are operated on by junior doctors, albeit under the supervision of consultants, It is proposed that a simulator be procured through WEI charitable funds

- **OPTION 1. – Continue to train junior doctors through the current methods of formal teaching and clinical supervision.**

This option will not :-

- Enhance the training experience for junior doctors
- Reduce the risk to patients when operated on by junior doctors
- Provide opportunities for income generation through ‘out of hospital’ training programmes.
- Enhance the reputation of teaching at WEI

- **OPTION 2 - Procure a simulator for the purpose of teaching junior doctors at WEI and ultimately within the region.**

This option would:-

- Enhance the training experience for junior doctors
- Reduce the risk to patients when operated on by junior doctors
- Provide opportunities for income generation through ‘out of hospital’ training programmes.
- Enhance the reputation of teaching at WEI

The preferred option is:- Option 2

BENEFITS OF PREFERRED OPTION

<i>Benefit</i>	<i>Measure and approach</i>	<i>Date benefit will be realised</i>
<i>Enhance the teaching for Junior doctors</i>	<i>Junior doctor and Deanery feed back</i>	<i>Upon commencement of simulator training</i>
<i>Reduce the risk to patients when operated on by junior doctors</i>	<i>Datix reports</i>	<i>Upon commencement of simulator training</i>
<i>Provide opportunities for income generation through regional simulator teaching sessions</i>	<i>Budget reports</i>	<i>When an established simulator training programme at WEI has been achieved</i>

FINANCIAL IMPACT**Capital Cost :**

See financial Schedule and Quotes

Revenue Cost:

- Funding to deliver 4 hours of teaching per week to be provided by the Deanery.
- Funding to deliver regional training would be covered by the income generation.
- Maintenance costs of simulator to be accommodated from existing WEI budget. See quote

RISKS AND DEPENDENCIES

<i>Dependency</i>	<i>Grade (R,A,G)</i>
<i>Dependent upon approval being given to procure the simulator through charitable funds</i>	<i>Green</i>

PUBLIC CONSULTATION –

N/A

EQUALITY IMPACT ASSESSMENT

N/A

HIGH LEVEL IMPLEMENTATION PLAN

Key Actions	Person responsible	Timescale
Approved by Division	Group Manager	October '13
Approved by Capital Revue group	Carolyn Robinson	Oct/Nov '13
Approved at Trust Board	Divisional Manager	November '13
Procure Simulator and commence training	Clinical Director WEI	December '13

SUBMITTED BY:

**Clinical DirectorMatron.....Dir.
Mgr.....**

Date.....

APPROVED BY:

[Signature] 4/11/13

Divisional Director..... Divisional Manager
.....

Divisional Accountant. *[Signature]* 1/11/13..... Head of Nursing
.....




Date.....

FOR CAPITAL INVESTMENT ONLY

Director of Estates Development

Date.....

(On behalf of Capital Review Group)

Business Case: Simulator for the teaching of Junior Doctors (WEI)		The Royal Wolverhampton 				NHS Trust		
Version: 2		Ref: 913						
CAPITAL COST:-								
	Capital £	Life Years	Capital £	Life Years	Capital £			
	Year 1		Year 2		Total			
VRmagic EYEi Complete Vitreoretinal and Cataract Simulator	149,000	7	0		149,000			
<i>To be Funded from WEI Charitable funds</i>								
TOTAL CAPITAL	149,000		0		149,000			
ACTIVITY & OTHER INCOME:-								
	Activity		Tariff		Income			
	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2		
	FYE		FYE		Recurring			
Description			£	£	£	£		
Note: The finance pro-forma excludes the costs and income relating to any external training courses that will be provided in the future as these will be at least cost neutral. Any contribution generated through these courses will be considered for CIP.								
TOTAL INCOME					0	0		
REVENUE COST:-								
<i>Note: All entered as minus values (-£)</i>								
Pay Costs								
Description	Department	Date waf	Pay Band	PAs/ Other	Cost per WTE £	WTE	Spend Year 1 £	Year 2 Recurring £
Pay - Direct Clinical								
Consultant time for training					105,974	0.10	(10,597)	(10,597)
Deanery funding for consultant training costs							10,597	10,597
Pay - Clinical Support								
							0	0
Total Pay Costs								
							0	0
Non Pay Costs								
Non Pay - Direct Clinical								
							0	0
Non Pay - Clinical Support								
Recurrent Maintenance funded from within existing revenue budgets								
Redecoration of room in WEI Training Block to make suitable								
Security/Swipe Locks for Training Room								
<i>To be Funded from WEI Charitable funds</i>								
							(400)	
							(7,500)	
Total Non Pay Costs								
							(7,900)	0
TOTAL CLINICAL AND CLINICAL SUPPORT COSTS								
							(7,900)	0
TOTAL CONTRIBUTION TO TRUST OVERHEADS								
AS PERCENTAGE (Should be 20% or above)								
							(7,900)	0
OVERHEAD COSTS:-								
TOTAL OVERHEAD COSTS								
							0	0
TOTAL EBITDA								
MARGIN AS PERCENTAGE (Should be 10% or above)								
							(7,900)	0
CAPITAL CHARGES:-								
<i>Note: All entered as minus values (-£)</i>								
Depreciation								
							(5,321)	(21,286)
Rate of Return								
							(2,514)	(4,656)
TOTAL COST OF CAPITAL								
							(7,836)	(25,942)
NET SURPLUS								
MARGIN AS PERCENTAGE (Should be 3% or above)								
							(15,736)	(25,942)
Divisional Accountant				Divisional Manager / Director				
Name: 				Name: 				
Date: 11/11/13				Date: 4/11/13				

APPENDIX 1

Month	ST 1 and 2				ST 3 and above			
	WEI Trainees		Other W Mid Trainees		WEI Trainees		Other W Mid Trainees	
	No. of trainees	No. of hours in a week (in a month)	No. of trainees	No. of hours in a week (in a month)	No. of trainees	No. of hours in a week (in a month)	No. of trainees	No. of hours in a week (in a month)
Aug	2	2 hrs per trainee = 4 hrs in a week = <u>(16 hrs in a month)</u>	4	2 hrs per trainee = 8 hrs in a week = (32 hrs in a month)	4	1 hrs per trainee = 4 hrs in a week = (16 hrs in a month)	10	1 hrs per trainee = 10 hrs in a week = (40 hrs in a month)
Sept	2	1 hr per trainee = 2 hrs in a week = <u>(4 hrs in a month)</u>	4	1 hr per trainee = 4 hrs in a week = (16 hrs in a month)	4	2 hrs in a week = (8 hrs in a month)	10	5 hrs in a week = (20 hrs in a month)
Oct	2	<u>(2 hrs in a month)</u>	4	(4 hrs in a month)	4	4 hrs in a month	10	10 hrs in a month
Nov	2	<u>(1 hr in a month)</u>	4	(2 hrs in a month)	4	4 hrs in a month	10	10 hrs in a month
Dec	2	<u>(1 hr in a month)</u>	4	(2 hrs in a month)	4	4 hrs in a month	10	10 hrs in a month
Jan	2	<u>(1 hr in a month)</u>	4	(2 hrs in a month)	4	4 hrs in a month	10	10 hrs in a month
		25 hours		58 hrs		40 hours		100 hours

If we look at training ALL ST1 and 2 and ONLY WEI based ST3 and above:
 About 125 hours of Cons time over 6/12 = 250 hours in a year

4 hours = 1 session

So, 250 hours = 66 sessions in a year

This equates to about 1.25 Cons PAs.....(52 weeks in a year)

Stat One Services Ltd

Registered No. 1910346 England
 VAT Reg. No. GB 425 3873 44
 www.statone.co.uk

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 info@statone.co.uk

51 Somerville Road
 Sutton Coldfield
 West Midlands B73 6HH

Mr P Caruana
 Consultant Ophthalmic Surgeon
 New Cross Hospital
 Wolverhampton Road
 Wolverhampton
 WV10 0QP

15 August 2013

Dear Mr Caruana

Quotation for VRmagic EYESi Complete *Vitreoretinal and Cataract Simulator*

Thank you for your recent enquiry. The price of the EYESi Complete Virtual Reality Simulator is as follows:

Eyesi Simulator Platform
 Eyesi Vitreoretinal Surgery Interface Package
 (incl. Eyesi Vitreoretinal hand activated forceps)
 Eyesi Vitreoretinal BIOM/SDI mimic
 Eyesi Vitreoretinal Basic Skills Pack 1
 Eyesi Vitreoretinal Basic Skills Pack 2
 Eyesi Vitreoretinal Epiretinal Membranes
 Eyesi Vitreoretinal ILM Peeling
 Eyesi Vitreoretinal Posterior Hyaloid
 Eyesi Vitreoretinal Endolaser
 Eyesi Vitreoretinal Retinal Detachment
 Eyesi Cataract Surgery Interface Package
 (incl. Eyesi Cataract hand activated forceps)
 Eyesi Cataract Basic Skills Pack 1
 Eyesi Cataract Basic Skills Pack 2
 Eyesi Cataract Basic Skills Pack 3
 Eyesi Cataract Capsulorhexis
 Eyesi Cataract Phaco Divide & Conquer
 Eyesi Cataract Hydrodissection
 Eyesi Cataract Irrigation & Aspiration
 Eyesi Education Software
 Eyesi Gold Software Update Pack 36 m
 Eyesi shipping and handling (Germany)

TOTAL
 Exclusive of VAT

£ 149000

WEE/HCO146QT

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A detailed breakdown of the items may be found on the accompanying pages, along with options for additional skills modules and replacement items. We offer up to two on-site one-day training sessions, one to be delivered on the same day of installation. Training and support is aimed at facility managers and trainers. Other costs you may incur include insurance, providing a workspace preferably with telephone and internet access nearby and chairs, one of which should be a typist-style with rollers for the surgeon-trainee; a cabinet would also be useful for storing additional heads, instruments and files. Additional training can also be negotiated.

The quotation includes software upgrades at gold standard which includes all Eyesi surgical software updates to existing models and operating systems and all new simulation modules released for the purchased hardware during the period of Gold cover. The quote assumes 3 years but this is not a requirement. You do not need to purchase all of the modules at once as it is possible to purchase them as separate software additions.

An annual service charge of this equipment is not included in the price as the EYesi is very robust and it is more economical to call us out at need. We are also very happy to give telephone support free of charge.

I also attach some rather haphazard miscellaneous information that may be required in your business case along with a PPQ. Please do let me know if you need any other information.

Yours sincerely



Theresa Adams
Sales Director

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EYESI information August 2013:

Quality and Functional Utility

Durability

The Eyesi has been commercially available for nine years and has proved to be most robust. Our own 9-year old Eyesi is taken or sent to various demonstrations and exhibitions and used by absolute novices with no surgical experience.

Routine Cleaning

The purchaser should damp-wipe with any commercial hard surface cleanser from time to time, depending upon frequency of use. No liquids are to be used. It would be appropriate to ban the consumption of drinks and food in the vicinity of the Eyesi to minimise damage by spillage or food residue.

Appearance and Feel

The anatomical detail of the eye has been designed with the aid of eminent Ophthalmic Surgeons in Germany and America. A new anatomically correct head has also been designed to house the eye.

The Eyesi has realistic virtual tissues and tissue interaction with instrumentation. VRmagic also has close relationships with Eyesi users and are always open to suggestions for even further improvement.

The tissue interaction does not follow a defined path but reacts to the instrument selection and movement within the eye. The trainee cannot 'learn the game' but will be scored on objective performance parameters. Mistakes will result in realistic complications inherent in surgery in the anterior chamber of the eye.

Integration of Functions

The Eyesi can be linked with other Eyesi machines

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Ref. No.	Description	Qty	Unit Cost £	Total Cost £
	EyeSi Surgical Simulator - <u>excluding</u> any service beyond any standard warranty	1	149,000.00	149,000.00
	Related Accessories – please list on a separate sheet if necessary		as listed	
	Extended Warranty Contract inclusive of 1 PM per annum. Excluding initial warranty	1 year 2 year 3 year 4 year	£ 5250 £10500 £15750 £21000	
	Service Contract. Excluding initial warranty, excluding parts	1 year 2 year 3 year 4 year	£ 3000 £ 6000 £ 9000 £12000	

- DELIVERY LEAD TIME FROM RECEIPT OF PURCHASE ORDER 3 months
- MINIMUM ORDER QTY/VALUE 1
- DISCOUNT/REBATE AVAILABLE no
- SETTLEMENT TERMS 30 days from installation
- SETTLEMENT TERMS FROM SUCCESSFUL INSTALLATION YES

GUARANTEE/WARRANTY PERIOD 12 months from installation. Accidental or malicious damage not covered. Transportation back to Germany may incur a charge, depending upon the circumstances. Stat One Services will not make a charge during this period but reserve the right to pass on any charges made by VRmagic

EXTENDED WARRANTY;

Warranty extension option of £5250 per annum excluding transportation costs. Depending upon availability, we may also offer temporary loan cover for instruments damaged through accident or miss-use. For full warranty details, please see appended VRmagic warranty pages.

MAINTENANCE COST

Annual visual check on equipment and cabling is undertaken for the first 3 years free of charge. The Eyesi is very robust so it is recommended that an at need approach is taken to maintenance but see table above.

SERVICE BACK-UP/ RESPONSE TIME/LOCATION OF SERVICE ENGINEERS/ CONTACT DETAILS:

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West Midlands B73 6HH

Remote diagnostics available. 2 people available for on-site service, usually within 2 days. Based at 51 Somerville Road, Sutton Coldfield, West Midlands Office tel: 0121 354 8829 email: info@statone.co.uk. Free telephone support both from Stat One Services and VRmagic GmbH (Manufacturers, Germany) Temporary loan instrument exchange by post may be available if appropriate.

Account Manager: - contactable as per the following:

- Contact Name - Theresa Adams
- Telephone - 0121 354 8829
- Mobile -
- email info@statone.co.uk

Additional support from:

- Contact Name: Stuart Albright
- Telephone - 0121 354 8829
- email: info@statone.co.uk

RESPONSE TIME:

Response Time within Warranty/Service Contract normally 48 hrs
Response Time out with Warranty/Service Contract normally 48 hrs

Out of Warranty Equipment Pricing: current replacement items per list provided

Emergency Call-Out Rates:

£500 per day or part thereof plus travel expenses

TRAINING

Initial on-site training for Eyesi Trainers on day of installation to ensure that Eyesi can be navigated and training for surgeons can commence using in-built training courses or own custom-designed courses. Further day of targeted in-depth training offered once trainers have become accustomed to system and wish to develop the use of the Eyesi further. Max training group size =5.

Additional training is offered by negotiation, £500 per day or part thereof plus travel expenses

SUPPORT SPARES ETC. will be available for up to (3) years after system obsolescence, spares list attached

SERVICES OR LABORATORY REQUIREMENTS FOR SYSTEM Ideally, internet and or telephone access near to the location of the EYEsi. 2 chairs, one of which to be on wheels e.g. typists chair or similar, cupboard for manuals, unused heads and instruments when not in use. Approximate space requirement for EYEsi (including space for trainee and trainer) 2m x 3m

QUOTE EXPIRY DATE 31 December 2013 (this depends upon the continued stability of the Euro).

PRE-PURCHASE QUESTIONNAIRE

EXTENDED FORM PPQ – June 2003

Produced by NHS Purchasing and Supply Agency, Scottish Healthcare Supplies, Northern Ireland CSA Regional Supplies Service and Welsh Health Supplies in conjunction with the Association of British Healthcare Industries

This form is intended to supply prospective purchasers with information about equipment being considered for purchase. It is intended principally for pre-purchase information on electrical medical, dental, ophthalmic and laboratory equipment. The form may also be used for other products, including non-electrical items, and to give information prior to equipment being supplied on loan, in which case not all the questions will be relevant. Please ensure all relevant questions are answered.

For issue and completion by purchaser: PPQ Master Reference:			
A unique reference (preferably ten characters maximum) must be given by the supplier: Supplier's Reference:		EYESIVCWLTV	
Generic Device Type:	Vitreoretinal/Cataract Surgery Simulator	Equipment Model:	EYESI@complete
Country of Origin:	Germany	Manufacturer:	VRmagic
Supplier:	Stat One Services Ltd	Telephone No:	0121 354 8829
Fax No:	0121 321 1933	e-mail:	theresa@statone.co.uk

CE MARKING

1. a) Does the product carry the CE marking? YES NO

b) If YES, to which EC Directive(s):

i) Active Implantable Medical Devices Directive (90/385/EEC) YES

ii) Medical Devices Directive (93/42/EEC) YES

If YES, state classification of device (93/42/EEC Annex IX)

iii) *In Vitro* Diagnostic Medical Devices Directive (98/79/EC) YES

If YES, is the device: For self-testing? YES Covered by Annex II: List A? YES List B? YES NO

For ii) and iii) above, Identification No. of Notified Body, if applicable

iv) EMC Directive (89/336/EEC or superseding directive) YES

v) Low Voltage Directive (73/23/EEC) YES

vi) Other Directive(s) (please specify)

2. a) Is the product a 'custom-made device' (93/42/EEC)? YES NO

b) Is the product intended for 'clinical investigation' (93/42/EEC) or 'performance evaluation' (98/79/EC)? YES NO

If YES to a) or b) above, does the device comply with the UK Medical Devices Regulations? YES NO

MANAGEMENT SYSTEM STANDARDS

3. a) Is the manufacturer currently registered to any management system standards (eg ISO 9001, ISO 14001, ISO 13485)? YES NO

If YES, please state the standard(s) and certification body:

b) Is the supplier's service and repair organisation currently registered to any management system standards? YES NO

If YES, please state the standard(s) and certification body:

SAFETY STANDARDS

4. For products not CE marked to 1 b) i), ii) or iii) above, with which safety standard(s) does the product comply?

Standard	Test House	Certificate Number	Date

SERVICE / SPARES / INSTALLATION

5. Is service/repair information available? YES NO If NOT f.o.c. please state current price Indicate contents below:

(Please state YES, NO or N/A)	Full circuit diagrams	No	Fault finding procedure	No	Preventative maintenance	No
	Repair information	No	Spare parts listing	No	List of special tools/test equipment/etc	No

If YES, please state whether also available on: Disk Website If Web, please state address

6. a) In addition to the service/repair information/manual, will training be required before competent technical personnel can provide:

(Please state YES, NO or N/A)	First-line maintenance	n/a	Calibration	n/a
	Planned preventative maintenance	n/a	Repair	n/a

b) Is the supplier able to provide this training for the purchaser's or a third party's technical personnel? YES NO

If YES, will this be free of charge? Or chargeable?

If NO, please indicate if details of an organisation that is able to provide this training are available on request? YES NO

Supplier's Reference: EYESIVCWL

- c) Is the provision of service/repair information conditional upon completion of training? YES NO
- d) In order to undertake maintenance/repair/calibration, is any special software/test equipment/tooling required? YES NO
 If YES, please indicate that details of special software/test equipment/tooling are provided on a separate sheet: YES
7. a) Is the supplier able to provide an 'as required' repair/maintenance service in the UK? **LIMITED AVAILABILITY** YES NO
- b) Is the supplier able to provide a contract repair/maintenance service? YES NO
 If YES, please confirm that details of repair/maintenance contracts are provided on a separate sheet. YES
- c) i) If repairs are normally performed by the supplier on the purchaser's site, please state typical response time:
- ii) If repairs are performed off-site, where will these be carried out?
 Company: Location: Typical turnaround time:
- iii) Is free of charge loan equipment normally available? YES NO
8. Please state if repair parts will be available to the purchaser's or a third party's suitably trained and equipped personnel: YES NO
 If YES, is the supply of repair parts conditional upon acquisition of repair information? YES Or training? YES NO
9. Please indicate when this model was first placed on the market:
10. a) For how many years from the date of last manufacture is the supply of spare parts guaranteed?
- b) Is the product still in current production? YES NO If NO, indicate year of last manufacture:
11. Is installation necessary? YES NO
 If YES, please confirm that details of all services required are provided on a separate sheet: YES
12. Will software upgrades be notified? N/A YES NO

IONISING RADIATION

13. Does the product contain a source of ionising radiation or is it capable of emitting ionising radiation? YES NO

DECONTAMINATION / REPROCESSING

14. a) i) Is the item intended to be processed/reprocessed? YES NO If NO, go to Question 15.
- ii) If YES, is the item intended to be: Non-sterile for single use Sterilized Disinfected Other
- iii) Is there a recommended maximum number of uses? YES NO If YES, please state:
- iv) Are decontamination/reprocessing instructions supplied? YES NO
- v) Are instructions available for safe disposal? YES NO
- b) i) Is manual cleaning the only cleaning method specified before further reprocessing? YES NO
- ii) What is the maximum temperature that can be used for thermal disinfection? Temp:
- iii) Are there any restrictions on detergent/disinfectant types? YES NO If YES, please state:
- iv) Can the item withstand autoclaving at 137 °C for 3 mins? YES NO
- v) Is the item compatible with other sterilization methods? YES NO If YES, please state:
- vi) Does reprocessing require the use of specified equipment? YES NO
- If YES, please state equipment type (eg containers, processors, etc) and, where appropriate, parameters of operation (eg temp, pressure, etc):
- c) i) Are tools required to aid dismantling/reassembly, or are lubricants required? YES NO
- ii) If YES, are they supplied with the device or available optionally? Supplied Optional Neither
- d) Is decontamination/reprocessing training available? YES NO If YES will this be: Free of charge? Chargeable?
- e) Are reprocessing instructions available on the Web? YES NO If YES, please state address:

WARRANTY

15. Please confirm that a copy of the warranty is provided on a separate sheet: YES

DECLARATION

When reference is made to this form and its attachments within the process of obtaining the item, we agree that the purchaser will be entitled to rely upon the contents and subsequent non-compliance with the statements contained herein will entitle the purchaser to seek redress.

Name:	Theresa Adams	Position:	Sales Director
Company/Address:	Stat One Services Ltd 51 Somerville Road, Sutton Coldfield, West Midlands, B73 6HH	Date:	15 August 2013

APPROVED BY:

Divisional Director

[Handwritten signature]

4/11/13

Divisional Manager

Divisional Accountant

[Handwritten signature]

4/11/13

Head of Nursing

[Handwritten signature] 6-11-13

Date.....

FOR CAPITAL INVESTMENT ONLY

Director of Estates Development

Date.....

(On behalf of Capital Review Group)