DHCW Extraordinary SHA Board Meeting

Thu 22 June 2023, 11:00 - 11:25

Agenda

11:00 - 11:05 1. PRELIMINARY MATTERS

5 min

1.1. Welcome and Introductions

For Noting DHCW Chair

1.2. Apologies for Absence

For Noting DHCW Chair

1.3. Declaration of Interests

For Noting DHCW Chair

11:05 - 11:20 2. MAIN AGENDA

15 min

2.1. Strategic Procurement Report – RISP Contract

For Approval Director of Planning & Performance / Chief Commercial Officer, DHCW

- 2.1 REP Strategic Procurement Report June 2023 v1.pdf (6 pages)
- 2.1i App1i DHCW Board Approval Paper (Exceeding CEO Limit) P213.02 v1.pdf (9 pages)

11:20 - 11:25 **3. CLOSING MATTERS**

5 min

3.1. Any other urgent business

For Noting DHCW Chair

3.2. Date of next Meeting: Thursday 13 July – Extraordinary Meeting

For Noting DHCW Chair



DIGITAL HEALTH AND CARE WALES STRATEGIC PROCUREMENT REPORT

Agenda	2.1
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Name of Meeting	SHA Board	
Date of Meeting	22 June 2023	

Public or Private	Public
IF PRIVATE: please indicate reason	N/A

Executive Sponsor	Ifan Evans, Executive Director of Strategy
Prepared By	Matthew Perrott, Deputy Head of Commercial Services
Presented By	Michelle Sell, Director of Planning & Performance/ Chief Commercial Officer

Purpose of the Report	For Approval	
Recommendation		
The Board is being asked to: APPROVE the Contract Award as detailed in Appendix 1.		

TŶ GLAN-YR-AFON 21 Heol Ddwyreiniol Y Bont-Faen, Caerdydd CF11 9AD

TŶ GLAN-YR-AFON 21 Cowbridge Road East, Cardiff CF11 9AD



1. IMPACT ASSESSMENT

STRATEGIC OBJECTIVE	Delivering High Quality Digital Services	
CORPORATE RISK (ref if approp	oriate)	

WELL-BEING OF FUTURE GENERATIONS ACT	A Healthier Wales
If more than one standard applies, please list below:	

DHCW QUALITY STANDARDS	ISO 9001
If more than one standard applies, pleas	se list below:

HEALTH CARE STANDARD	Safe Care
If more than one standard applies, pl	lease list below:

EQUALITY IMPACT ASSESSMENT STATEMENT	Date of submission:
No, (detail included below as to reasoning)	Outcome:
Statement: Not applicable.	

Workforce EQIA page

IMPACT ASSESSMENT	
QUALITY AND SAFETY IMPLICATIONS/IMPACT	No, there are no specific quality and safety implications related to the activity outlined in this report.
LEGAL	Yes, please see detail below
IMPLICATIONS/IMPACT	To the extent set out in the Terms and Conditions of each contract included in this report
FINANCIAL	Yes, please see detail below
IMPLICATION/IMPACT	To the extent as set out in the payment profile attributable to each agreement. Expenditure against the agreement will be managed in accordance with the contract management process.
WORKFORCE IMPLICATION/IMPACT	Yes, please see detail below
SOCIO ECONOMIC IMPLICATION/IMPACT	No. there are no specific socio-economic implications related to the activity outlined in this report
RESEARCH AND INNOVATION IMPLICATION/IMPACT	No, there is no specific research and innovation implications relating to the activity outlined within this report



Acronyms		
DHCW	Digital Health and Care Wales	
MEAT	Most Economically Advantageous Tender	
MSA	Master Services Agreement	
PCR2015	Public Contract Regulations 2015	
RISP	Radiology Informatics System Procurement	
SFI	Standing Financial Instructions	
SHA	Special Health Authority	
SLA	Service Level Agreement	
SO	Standing Orders	
VAT	Value Added Tax	
WG	Welsh Government	

2. SITUATION/BACKGROUND

The Commercial Services Team, within the Engagement and Digital Transformation Services Directorate, in Digital Health and Care Wales ("DHCW") manage a range of contracts supporting both National services and the internal requirements of the organisation itself. The procurement of these contracts is also led by the Team, which includes several, specialist, procurement staff from the NHS Wales Shared Services Procurement Service.

In accordance with the scheme of delegation in DHCW's Standing Financial Instructions, Contracts to be awarded with a total contract value which exceeds £750,000 (excl. VAT) will be presented for the Board's approval. In addition, the Board will also be required to approve any contracts which are to be extended either outside their initial term and/or in excess of the executed contract value.

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3. SPECIFIC MATTERS FOR CONSIDERATION BY THIS MEETING (ASSESSMENT)

Appendix 1 sets out ONE (1) Contract Award Approval for the consideration of the Board.

An overview of the contractual activity requiring approval is provided below:

(i) P213.02 Radiology Informatics System Procurement ("RISP")

Contractor:	Philips Electronics UK Ltd
Term:	1 July 2023 to 30 June 2028 with the option to extend for a further two (2) years, executed in annual increments.
Value:	Total Contract Value including the extension options is £47,287,879 (excl. VAT)
Approval Requested:	Contract Award

Context/Background

The Board are requested to approve the award of this Agreement to Philips Electronics UK Ltd for the provision of a Radiology Informatics System to support Imaging Services across Wales. The aim is to deliver a new Service comprising a Radiology Informatics System, associated software, infrastructure and services that meets the current and future requirements of the Imaging service across Wales.

The new Service will support a number of objectives, including but not limited to:

- Single view of the patient record
- Fully Integrated advanced applications
- Peer review capability
- Clinical decision support including Artificial Intelligence ("AI") enhanced workflow

This procurement was undertaken via a Competitive Dialogue Procedure in accordance with Regulation 27 of the Public Contracts Regulations 2015 ("**PCR2015**") utilising the Master Services Agreement ("**MSA**") contract form, which is based upon an amended form of the IT Services Contract having regard to the Crown Commercial Services and other best practice guidance of Information Management & Technology (IM&T) procurement. Some of the key standard terms include:

- Robust indemnity and warranty terms
- Time and Delivery Conditions
- Rejection criteria for products
- Protection of Data and Intellectual Property
- Customer remedies for Default

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Author: Matthew Perrott Approver: Ifan Evans



4. KEY RISKS/MATTERS FOR ESCALATION TO BOARD

Appendix 1 includes ONE (1) Contract Award Approval relating to:

P213.02 Radiology Informatics System Procurement ("RISP") in respect of which

- a. The procurement has been undertaken in accordance with the requirements of Standing Financial Instructions, including Public Contract Regulations 2015, as assured by the Director of Planning & Performance / Chief Commercial Officer;
- b. The RISP Programme Board have approved the procurement strategy and approach, including the selection and evaluation processes (developed by the RISP Programme's evaluation team comprising key subject matter experts) and the award outcome, as assured by the Director of Planning and Performance/Chief Commercial Officer.
- c. Funding for the agreement comes from the approval of the Full Business Case ("FBC") as assured by the Health Boards, DHCW and Welsh Government. Payments to the Contractor will flow through the Deployment Orders entered into by each Health Board/Trust under the terms of a direct contractual relationship.
- d. DHCW will award a Master Services Agreement which acts as the single holding agreement and will facilitate the placement of 'Deployment Orders' by each of the Health Boards. These Deployment Orders create the contractual and legal relationship between the Contractor and the Health Board for the provision of the Services. All liability for the use of the services and payments resides in the Deployment Orders.
- e. DHCW's intention to enter into this Agreement has been notified to Welsh Government in accordance with Standing Orders.

5. RECOMMENDATION

The Board is being asked to: APPROVE the Contract Award as detailed in Appendix 1.

APPROVAL/SCRUTINY ROUTE:

Person/Committee/Group who have received or considered this paper prior to this meeting

PERSON/COMMITTEE/GROUP	DATE	OUTCOME
Michelle Sell – Director of Planning &	15 June 2023	Approved
Performance / Chief Commercial Officer		
Ifan Evans – Executive Director of Strategy	19 June 2023	Approved
Claire Osmundsen-Little – Executive Director		
of Finance		
Helen Thomas – Chief Executive Officer		



APPENDIX 1: Key Procurement Documents for Approval

i. P213.02 Radiology Informatics System Procurement ("RISP")

Author: Matthew Perrott Approver: Ifan Evans

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COMMITMENT OF EXPENDITURE EXCEEDING CHIEF EXECUTIVE'S LIMIT / BUSINESS JUSTIFICATION

Scheme Title	Radiology Informatics System Procurement (" RISP ")
Supplier Philips Electronics UK Ltd	
Contract Awarded for Use by	Digital Health and Care Wales ("DHCW")
Date Prepared	1 st June 2023
Prepared By	Laura Panes
Scheme Sponsor	Michelle Sell, Director of Planning & Performance/Chief Commercial Officer

All proposals must be consistent with the strategic and operational plans of Digital Health and Care Wales ("DHCW").

1. DESCRIPTION OF GOODS / SERVICES / WORKS

Digital Health and Care Wales ("**DHCW**") has undertaken a procurement for a Radiology Informatics System ("RISP") to support Imaging Services across Wales on behalf of other Authority Parties in Wales (i.e., Local Health Boards and Trusts and/or the Welsh Ministers).

The aim of the procurement is to deliver a new Service comprising a Radiology Informatics System, associated software, infrastructure, and services that meets the current and future requirements of the Imaging service across Wales. The term of the Master Services Agreement ("**MSA**") will be five (5) years with the option to extend by two (2) years, exercised in annual increments. Each Authority Party entering into a Deployment Order within the term of the Master Services Agreement shall have a Deployment Order term of no less than sixty (60) months of operational service, i.e., post deployment, and each Deployment Order shall have the option to be extended by a period of up to two (2) years, exercised in annual increments. For the avoidance of doubt, any Deployment Order entered into may persist beyond the expiration of the Master Services Agreement.

The new Service will support all "Services within the "footprint" of the current Imaging service" in Wales. This includes systems and services that collectively deliver an end-to-end technical solution to support modernisation and innovation of imaging services. The scope is designed to meet the core minimum required to deliver the programme objectives, benefits and meet the business requirements identified in the Business Case and summarised below. The principal objectives of the procurement were to:

- Procure a solution and associated support
- Meet the identified functional characteristics and requirements
- Meet the investment objectives as set out in the business case
- Provide options for additional functionality capabilities over the contract term (future proofing the solution)
- Be interoperable with other national and local solutions
- Provide value for money based on the ethos of Value-Based healthcare



- Meet National Information and Business Strategies¹
- Be implemented in a fully supported manner within the required timescale for migration off the existing legacy solution/s

To support these objectives, the contract will provide:

- Single view of the patient record
- Effective and efficient Clinical workflow
- Fully integrated advanced applications
- Intelligent worklists capability
- Fully integrated Speech solution to support the clinical and business needs of Imaging
- Peer review capability
- Multi-Disciplinary Team (MDT) solution
- Clinical Decision Support, including AI enhanced workflow
- Full audit trails
- Structured reporting capability
- Business Intelligence
- Capacity in the agreement to support business change and growth
- Product innovation and technical development incorporated over its lifetime of the contract
- Capacity and capability to assist and support business change and business process re-engineering

Following the conclusion of a Competitive Dialogue procedure, the RISP Programme Board endorsed the recommendation that 'Philips Electronics UK Ltd' should be appointed to the new Master Services Agreement ("**MSA**") for a period of five (5) years with an option to extend (on an annual basis in one-year increments) up to a maximum contract period of seven (7) years.

Nature of contract: Please indicate with a (x) in the relevant box	First time		Contract Extension		Contract Renewal		
Period of contract including extension options:							
Free asta of Chart Data of (
Expected Start Date of Contract			1 st July 2023				
Expected End Date of Contract			30 th June 2028				
Contract Extension Opti	ions		Twenty-four (24) months (to be exercised in annual				
(E.g. maximum term in months)		increments).					
			Maximum Contract term for MSA including extension				
			provisions is eighty-four (84) months (seven (7) years).				

2. STRATEGIC FIT

¹ Imaging Statement of Intent (March 2018) and Wales Audit Office Report on Radiology Services in Wales (November 2018)



2.1 VISION AND OUR STRATEGIC PILLARS

This scheme should relate to at least one of the SHA's four strategic goals. Please mark with a (x) in the box the relevant pillars for this scheme.

Vision: Delivering information and technology for better care. We will deliver to the people of Wales first-class digital health and care services which will enable more effective, efficient, safer decision-making by providing access to content-rich, person-focused health and care data and information.

Goal 1: Mobilise digital transformation by building on our foundations of data protection, infrastructure and information availability and flow - opening up our architecture to enable faster, consistent sharing of data with partners and suppliers

Goal 2: Support the modernisation of clinical specialties and healthcare processes through delivering dedicated high-quality digital services

Goal 3: Empower staff and patients by combining data from many systems to form a comprehensive digital health and care record accessible anywhere, when needed, via easy to navigate digital entry points

Goal 4: Enable users to derive value from data collected from national and local systems through Big Data Analysis

2.2 INTEGRATED MEDIUM-TERM PLAN					
Is this scheme included in the SHA's Integrated Medium Term Plan?	Yes	No			
	\boxtimes				
If not, please explain the reason for this in the space provided – N/A					

2.3 SHAPING OUR FUTURE WELLBEING OBJECTIVES

This scheme should relate to at least one of the SHA's wellbeing objectives. Please mark with a (x) in the box the relevant objectives for this scheme.

Reduce health inequalities, make it easier to access the best possible healthcare when it is needed and help prevent ill health by collaborating with the people of Wales in novel ways.	\boxtimes
Improve the health and well-being of families across Wales by striving to care for the needs of the whole person.	\boxtimes
Create new, highly skilled jobs and attract investment by increasing our focus on research, innovation and new models of delivery.	\boxtimes
Deliver bold solutions to the environmental challenges posed by our activities.	
Bring communities and generations together through involvement in the planning and delivery of our services.	
Demonstrate respect for the diverse cultural heritage of modern Wales.	
Strengthen the international reputation of the SHA as a centre of excellence for teaching, research and technical innovations whilst also making a lasting contribution to global well-being.	\boxtimes



2.4 FIVE WAYS OF WORKING (SUSTAINABLE DEVELOPMENT PRINCIPLES) CONSIDERED Please mark with a (x) in the box the relevant principles for this scheme. Click <u>here</u> for more information								
Prevention								

3. PROCUREMENT ROUTE

3.1 How is the contract being procured? Please mark with a (x) as relevant.					
Competition		Single source			
Three (3) Quotes		Single Quotation Action			
Formal Tender Exercise		Single Tender Action			
Mini Competition		Direct call off Framework			
Find a Tender (replaces OJEU, Public Contract Regulations 2015 still apply)	\boxtimes	All Wales contract			
3.2 Please outline the procurement procedure.					

In order to secure an appropriate Contractor for this procurement, a Contract Notice ("**Notice**") was issued on 21st December 2021, in the Find a Tender Service ("**FTS**"), reference: 2021/S 000-031742. In accordance with the Competitive Dialogue Procedure, as set out in Regulation 27 of the Public Contract Regulations (2015), all procurement documentation was issued in parallel with the Contract Notice.

The contract form of Agreement is a Master Services Agreement, based on an amended form of the IT Services Contract having regard to the Crown Commercial Services and other best practice guidance of Information Management & Technology ("**IM&T**") procurement.

Advice was sought on the construction of the draft contract using the NHS Wales appropriately commissioned specialist advisers for commercial, legal, and technical aspects. Each NHS Wales participating organisation, or "Authority Party", will "call off" their requirements from the Agreement and execute their own "Deployment Orders" with the Contractor. All Deployment Orders will be managed centrally in line with the "Once for Wales" approach.

3.3 What has been the approximate timeline for procurement?

Milestone	Date(s)
RISP Programme Board approval of Contract Schedules	24/11/2021
Contract Notice and PQQ Issued	21/12/2021
PQQ Response Deadline	07/02/2022
RISP Programme Board Approve 'Longlisting' Report	23/02/2022
Bidder Longlisting Notification (Five (5) bidders)	23/02/2022
Issue Invitation to Participate in Dialogue ("ITPD") document	24/02/2022
Bidder Briefing Day	02/03/2022
Response Deadline for ITPD	28/03/2022
ITPD Evaluation Days	25/04/2022 to 06/05/2022



Bidder User Evaluations	09/05/2022 to 13/05/2022
RISP Programme Board Approve 'Shortlisting' Report	25/05/2022 10 13/05/2022
Bidder Shortlisting Notification (Three (3) bidders)	26/05/2022
Bidder Site Visits	06/06/2022 to 17/06/2022
Functional and Technical Dialogue (Round 1)	23/06/2022 to 06/07/2022
I&S and CLF Dialogue (Round 1)	12/07/2022 to 20/07/2022
Functional and Technical Dialogue (Round 2)	06/09/2022 to 13/09/2022
I&S and CLF Dialogue (Round 2)	14/09/2022 to 22/09/2022
RISP Programme Board Approve Trial ISFT Documents	28/09/2022
Issue Trial Invitation to Submit Final Tender ("ISFT")	28/09/2022
Response Deadline for Trial ISFT	19/10/2022
Trial ISFT Evaluation Days	03/11/2022 to 15/11/2022
Trial ISFT Bidder Feedback Days	22/11/2022 & 23/11/2022
RISP Programme Board Approve Final ISFT Documents	N/A No Amendments made
Issue ISFT	23/11/2022
Response Deadline for ISFT	14/12/2022
ISFT Evaluation Days	09/01/2023 to 18/01/2023
RISP Programme Board Endorse Award Recommendation	25/01/2023
Issue Standstill Letters	25/01/2023
End of Standstill Period	06/02/2023
Welsh Government Notification of Contract Award	08/02/2023
Full Business Case ("FBC") Approval by Health Boards	31/05/2023
DHCW Board Approval to Contract Award	22/06/2023
Contract Executed	July 2023

4. BENEFITS (Quantifiable / Non-Quantifiable)

4.1 Outline benefits of preferred option

The procurement of a Radiology Informatics System ("**RISP**") to support Imaging Services across Wales is critical to ensure patient services are not interrupted. The Full Business Case ("**FBC**") for the proposed investment identifies benefits that will be supported by the new RISP. Some of the non-financial benefits are identified below:

- To integrate Picture Archive and Communication System ("PACS"), Patient Dose Management System (PDMS) and Radiology Information System (RIS) systems into one single solution (with the ability for further integration with ETR and results acknowledgment systems), that is implemented by all Health Boards and Trusts in Wales by 2026.
- To improve patient safety by reducing the number of incidents caused due to missing/insufficient information/reports, resulting in fewer misdiagnosis, by providing an integrated imaging patient record across Wales for all Health Boards and Trusts in Wales by 2026.
- To reduce the amount of administrative resource required to support cross boundary patient pathways, as a result of shared access for imaging and reporting, 12 months after contract commencement in a health board area.



- To reduce the carbon footprint of PACS and RIS systems, by decreasing the use of paper-based systems for referring and reporting in radiology and utilising fewer devices that have higher energy consumption, across all Health Boards and Trusts in Wales by 2026.
- To reduce the number of repeat examinations and hence inappropriate radiation dosage for patients, through improved access to imaging information and a standardised data sharing and recording process, by all Health Boards and Trusts in Wales by 2026.

The FBC also identified the following cash releasing benefits, the quantifiable financial benefits relate to:

Benefit	Outcome	Criteria	Туре	Measuring Tool	Baseline	Impact
Reduced reporting costs	Earlier delivery and acknowledgement of reporting	Reduced costs	Cash releasing	Average reporting time between subsequent reports (end of one report to end of next report)	25 minutes on average	1-5% improvement
Reduced reliance on paper-based systems leading to paper, printing and manual storage cost savings	Improved information sharing across boundaries and single solution for storage and distribution of imaging	Reduced costs	Cash releasing	Paper and printing costs	£518 per quarter, per organisation on average	80% reduction

5. RISKS & MITIGATION

5.1 Please state risks of not proceeding with the scheme	5.2 Please state any mitigation to reduce the risk if the scheme is not approved
If the scheme is not approved there will be no continuation of the Picture Archiving System to NHS Wales, and this will have a detrimental impact on patient services.	Not applicable for the reasons outlined in 5.1



6. FINANCIAL ANALYSIS

6. FINANCIAL A								
Maximum	Excluding VAT					Including VAT		
expected whole	£47,287,87	9.00			£56,	£56,745,454.00		
life cost relating								
to the award of								
contract								
The nature of	Capital 🛛 Revenue 🖾							
spend								
How is the scheme	to be funde	d? Please m	nark with a (>	k) as relevan	t.			
Existing budgets	\boxtimes							
Additional Welsh	\boxtimes							
Government								
funding								
Other								
[If you have selected	ed 'Other' –	please provi	ide further d	etails] N/A				
EXPENDITURE	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	
CATEGORY	(exc. VAT)	(exc. VAT)	(exc. VAT)	(exc. VAT)	(exc. VAT)	(exc. VAT)	(exc. VAT)	
Implementation Costs – Capital	£14,244,071	N/A	N/A	N/A	N/A	N/A	N/A	
Service Charges – Revenue	£4,720,544	£4,720,544	£4,720,544	£4,720,544	£4,720,544	£4,720,544	£4,720,544	
Overall Total PER ANNUM	£18,964,615	£4,720,544	£4,720,544	£4,720,544	£4,720,544	£4,720,544	£4,720,544	
Overall Total for 7 YEARS ex VAT	£47,287,879.00							
Overall Total for 7	£56,745,454.00							
YEARS inc VAT	L30,743,434.00							
COMMENTS	The anticipated expenditure reflects the anticipated Deployment Order (" DO ") phasing and is based on the assumption that each DO operates for the maximum contract term including extension options, i.e., seven (7) years. Please Note: Whilst the Master Services Agreement will expire after seven (7 years), the Health Board Deployment Order(s) will endure beyond this time (dependent upon date of implementation) resulting in expenditure beyond the term of the							
		Master Services Agreement.						



7. DECLARATION OF COMPLIANCE

7.1 Procurement Approval The Head of Commercial Services / Delegated Authority has approved the procurement route and confirms that policies and procedures have been followed.					
Deputy Head of Commercial Services:	Matthew Perrott				
Signature:	16/06/2023 X Matthew Perrott Deputy Head of Commercial Services Signed by: Matthew Perrott (Ma009185)				
7.1 Director Approval The Lead Director, by providing email confirmation, to seek Board approval is making a declaration that all procurement rules, standing orders and standing financial instructions have been complied with. DHCW's Commercial Services Team retain this confirmation electronically in the tender file.					
Lead Director Name:	Michelle Sell				
Signature:	16/06/2023 Michelle Sell Director of Planning & Performance/Chief C Signed by: Michelle Sell (MI000317)				
Directorate:	Engagement and Transformation				
Executive Director of Finance Approval The Director of Finance, by providing email confirmation, to seek Board approval is making a declaration that all budgetary and financial matters in respect of this decision have been considered and complied with.					
Lead Director Name:	Claire Osmundsen-Little				
Signature:	Claire Osmundsen-Little Executive Director of Finance				
Directorate:	Finance and Business Assurance				



8. APPROVALS AND ASSURANCE RECEIVED

List and include date of approvals and assurance received in support of this scheme.

	Date of Meeting(s)	Outcome
RISP Programme Board – ISFT Evaluation & Award Report	25/01/2023	Endorsed
Welsh Government Notification of Contract Award	08/02/2023	Noted
Health Boards and DHCW Approval of FBC	May 2023	Approved

9. CONFIRMATION OF DHCW BOARD APPROVAL

Where approval by the Board is granted, signature by the Chair of the Board of this document is required as the formal record of such approval and is to be witnessed by at least one (1) Independent Member.

The Digital Health and Care Wales Board has approved the award of this agreement for the durations and values (including extensions and options) as set out in this paper at its meeting of 22nd June 2023.

Chair of DHCW Board:	X Chair of DHCW Board
Independent Member:	X Independent Member
Chief Executive Officer:	X Helen Thomas Chief Executive Officer