



Development of data management and decision support tools for the BPEX pig health 20:20 programme.

CALL FOR TENDERS

1. Tenders are invited by the Agriculture and Horticulture Development Board operating through its BPEX division ('BPEX') for the development of data management and decision support tools for the BPEX pig health 20:20 programme.
2. The scope of the requirements are outlined in the Appendix attached to this invitation to tender. It outlines the features and capabilities of the proposed system and details the timescales, scope and goals of the project.
3. It is anticipated that the contract for the development of the system would be awarded with a start date in July 2009 with submission of the final report on or before December 31, 2009.
4. The closing date for submission of tenders is 16:00 hours on July 8, 2009.

GENERAL TENDER INSTRUCTIONS

5. Tenders

Envelopes containing the Tender are to be clearly marked with the tender reference (ie BPEX 2020ITR) and addressed to:

Mrs Radha Ray ,
BPEX,
P.O. Box 44,
Winterhill House,
Snowdon Drive,
Milton Keynes,
MK6 1AX

6. Tenders must be received at the above address not later than 16:00 hours on July 8, 2009. TENDERS RECEIVED AFTER THAT TIME WILL BE EXCLUDED.

The tender envelope and tender documents must not indicate the name or address of the Bidder, which shall be provided in an unmarked and sealed envelope internal to the tender envelope. A primary contact person with relevant communication details must be specified in the internal envelope. That internal envelope and the tender documents and a further unmarked sealed envelope containing company information (see section 6 later) will be linked by a BPEX code when the tenders are opened.

7. AHDB standard terms and conditions will apply to any contracts made under this tender. No allowance will be made in the Contract Documents for any successful Bidder who had failed to become familiar with all aspects of the work. Questions on the work may be addressed to radha.ray@bpex.org.uk. The questions and answers will be provided simultaneously on an anonymous basis to all prospective Bidders who have made themselves known to that address.
8. Tenders should include details of:
 - the staff input and cost of the work;
 - the timescale for delivery of the report.
 - details of proposed quality assurance procedures
9. Brief, written, quarterly progress reports and a comprehensive final report will be required from the successful applicant. Performance standards will be incorporated in the contract as a basis for payments. Progress will be reviewed quarterly.
10. BPEX will not defray any costs or expenses incurred by the Bidders in the preparation and submission of their tenders.
11. BPEX will contract on a most economically advantageous basis; in particular, it will not necessarily accept the lowest Tender. BPEX reserves the right to accept any part or all of any tender submitted depending on individual prices submitted. Successful Tenders will form part of the contract.
12. The work must be completed in full within the specified periods. Performance standards will be incorporated in the contract as a basis for payments.
13. The decision support tool and any Intellectual Property arising from the Project including from the supply of the Services under this Agreement will become the sole and confidential property of BPEX.
14. The Contractor shall indemnify BPEX from any and all claims, losses, costs, damages, suits, proceedings or actions arising out of or in executing the work including as a result of its omissions, improper actions or delays.

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1	introduction	3
2	scope of requirement	4
3	service background	4
4	pig health 20:20 system requirements	4
4.1	pig health 20:20 website	5
4.1.1	public pages and services	5
4.1.2	authentication services and registration facilities	6
4.2	BPEX pig health management GIS	6
4.2.1	GIS mapping set	6
4.2.2	GIS features	7
4.2.3	GIS data warehouse	8
4.2.4	third party data sets	9
4.3	online data collection and unit health status	12
4.4	disease and pig health reporting tools	12
4.4.1	geospatial PDF reports	12
4.4.2	pig unit status reports	12
4.4.3	management and exception reports on data quality	13
4.5	disease mitigation management system	14
4.6	user control and contact management tools	14
4.6.1	user control	14
4.6.2	contact and template management	15
5	delivery timetable	15
6	format of response	16

1 Introduction

This document describes the IT requirement for the development of the BPEX pig health 20:20 project. It outlines the features and capabilities of the proposed system and details the timescales, scope and goals of the project.

2 Scope of requirement

BPEX is looking for a single supplier or consortium with a primary delivery agent that will act as principal supplier.

The proposed solution should address all of the technical requirements detailed in this document and provide a firm fixed-price estimate for the supply of the specified services where possible and indicative justified costs where indicated.

The response should also include details of any future costs for the hosting, support and ongoing maintenance of the specified system.

Suppliers should demonstrate a proven track record in the delivery of similar services to government agencies or relevant industry bodies and provide a clear project timetable which will deliver the specified services in the required period.

3 Service background

BPEX is currently developing a system for monitoring, targeting and ultimately improving the health and production efficiency of pigs in Yorkshire and Humberside.

BPEX is aiming to identify disease status and deliver targeted advice, treatment, cleaning and destocking options to improve production efficiency and the profitability of pig producers.

The aim of the project will be to deliver an improvement in pig health in the Yorkshire and Humberside region and is being supported by the regional Rural Development Agency, Yorkshire Forward. Similar programmes of activity may be delivered in phases by partnerships with other Rural Development Agencies.

To deliver these improvements BPEX requires a number of new IT services to be developed which should interface with existing BPEX systems and relevant government agencies, services and data sources.

4 Pig health 20:20 system requirements

The following IT services are required by the BPEX 20:20 pig health project to help achieve the objective of improved pig herd health.

- A secure website for hosting the BPEX pig health 20:20 services. The website will provide access to GIS facilities, a registration service, reports and survey tools.
- A Geographic Information System (GIS) with a mapping set covering the Yorkshire and Humber region which can interface with a number of existing data sources and third party systems including:
 - Online pig health and vet survey results
 - The BPEX pig vet practice register
 - Pig assurance information held in the CASI database
 - BPEX's ZNCP salmonella scheme
 - The BPEX electronic FCI and AML2 movement services
 - VetNet / SAM register of pig holdings

- The BPHS (British Pig Health Scheme) database
- RADAR (Surveillance, Zoonoses, Epidemiology & Risk)
- BPA rare breed holding register
- Additional third party commercial data providers for feed deliveries and other bio-security risks (e.g. First for Farming).
- A questionnaire and survey system that will allow the additional reporting of pig unit health information, bio-security arrangements and other risk factors
- Secure reporting of information to specified target audiences (vets, abattoirs, BPEX, government)
- An online service for the management of identified pig units through various targeted mitigation programmes
- Administration tools for BPEX and authorised pig health staff to manage and maintain the systems, control access, issue reports, deliver information by email and post to participants.

A solution that will lead to a platform that will allow BPEX to expand on these services in the future will confer an advantage.

While the initial requirement is for a solution covering the Yorkshire and Humber region there is an expectation that this phase will provide a system suitable for national application.

4.1 Pig health 20:20 website

- Content managed
- Easy to maintain and adapt as the project progresses

The proposed pig health website will provide BPEX with a portal for the delivery of surveys, reporting and GIS facilities to participating producers, vets and managers. There is a limited requirement for some promotional pages and public document libraries but the majority of services will be restricted to authorised users.

The website and document libraries should be set up with a simple to use content management system. BPEX operators should be able to edit and create content, publish documents and add additional information pages to the project website.

The website should also provide authentication and registration facilities for producers, vets and other participating users. Users should be able to register for access and log-in to use secure facilities.

4.1.1 Public pages and services

The limited public site structure must as a minimum provide the following structure:

- Home page
 - Pig health project contact page
 - About the project page
 - Press, information and resources page
 - Authentication and registration page

Ideally the website would be fully content managed and able to be managed and expanded on by BPEX staff as the project progresses.

4.1.2 Authentication services and registration facilities

- Registration, approval and authentication facilities
- Integration with existing BPEX services

The authentication services should allow new project participants to register for access and be awarded login credentials by BPEX staff.

BPEX already operate several internet services that relevant participants may have access to. A solution which can easily integrate with our existing third party authentication and contact management tools would be considered advantageous.



Information about our current third party authentication and user management systems is available on request.

If you do wish to offer integration with our existing services details of authenticated vets, producers and BPEX staff can be made available. Details will be provided as a regular spreadsheet. Export and authentication against existing user credentials can be achieved via a web service.

4.2 BPEX pig health management GIS

The BPEX pig health GIS needs to provide BPEX and the English pig industry with a central analysis tool for identifying risk and targeting resources.

4.2.1 GIS mapping set

- 1:200K minimum scale, consideration given to higher scales and photography sets
- Yorkshire and Humberside region as a minimum
- Separate costs for national data sets
- Clear licence costs that avoid per seat restrictions and are suitable for internet, print and promotional usage

For phase one of the project the GIS needs to cover the area of operation of Yorkshire Forward. The relevant local and unitary authorities which fall within this region are listed below. The mapping data set should provide as minimum coverage of these areas:

CC	Barnsley
CX	Bradford
CY	Calderdale
CE	Doncaster
FB	East Riding of Yorkshire
FA	Kingston upon Hull, City of
CZ	Kirklees
DA	Leeds
FC	North East Lincolnshire
FD	North Lincolnshire
36	North Yorkshire
CF	Rotherham
CG	Sheffield
DB	Wakefield
FF	York

If your GIS solution can provide national (England and Wales) coverage then this should be made clear in your response. Additional funding may be available to licence a national mapping set so costs should be partitioned (where applicable) between the Yorkshire & Humberside mapping elements and the other regions of the UK.

The mapping set should allow the identification of pig units and features to show clusters of risk and general geospatial trends. As a minimum, a 1:200K scale mapping set will be considered acceptable but the ability to draw on more detailed maps and aerial photography would be considered an advantage. If licensing of the mapping is independent of the GIS engine or software please make this clear in your response document. A phased or optional approach to licensing of the maps would also be considered if this can reduce costs at this stage of the project.

The licensed maps should allow BPEX to offer the GIS service to an unlimited number of authorised internet users. The maps should also be licensed for use in printed reports and promotional media.

4.2.2 GIS features

- Internet based and accessible by remote authorised users
- Display of point and polygon information from a variety of data sets
- Definition of ad hoc areas of risk on the mapping set
- Ability to save reports and data sets for selected review by authorised third parties

The BPEX pig health GIS needs to provide an internet based solution for authorised participants that will ideally not require additional software to be installed by end users.

Preference will be given to solutions that avoid per-seat licence costs but use of third party GIS server software or third party APIs will be considered where licence costs, support and hosting arrangements are clearly stated.

The GIS needs to be able to present an ad hoc number of features from a range of BPEX, industry, and government data sets. The GIS should be able to represent these features as both points and polygons on the available maps. Ideally disease risk weightings will need to be applied to features with ranges of interaction specified which will create areas of risk on the map.

In addition to drawing from existing data sets the ability to define additional ad hoc regions of risk such as woodland with wild boar populations or regular transport corridors to abattoirs also need to be provided.

Where reports and data sets are selected for analysis the results should be able to be saved and securely distributed to other participants. The ability to control who can view these results sets should be controlled by authorised participants and BPEX operators.

Solutions with a suitably flexible rights and permissions model which will allow this form of secure distribution will be given additional consideration.



BPEX wishes to maximise the scope of this project within the available budget. You are invited to propose a number of GIS options to this end, with an explanation of what each will deliver, and appropriate costings so that BPEX can decide which would provide it with best value. The priority is to plot the location and status of pig units in Yorkshire and Humber. While the additional indicated features are all under consideration, they may be omitted from this project if they are deemed not to be cost-value-effective within the project budget..

4.2.3 GIS data warehouse

The GIS will need to interface with a data warehouse that will store all of the BPEX GIS data and allow BPEX to analyse and report on all of the information. The warehouse will need to be flexible enough to store of a large number of geospatial points and polygons attached to a diverse set of risk indicators.

The warehouse will receive information about pig units from a variety of different sources with varying degrees of data quality and mixed identifiers.

The warehouse solution will need to be able to cope with information in different formats that may be identified by any of the following pieces of information:

- Slap Mark
- CPH Number
- Postcode
- UK Assurance Number (ABP/Genesis QA)
- Postal Address
- Easting / Northing (UK Grid Ref)
- Latitude / Longitude

As there is no single common identifier within the various data sources a strategy for “triangulating” records within the warehouse based on one or more matches of identifiers would be required. BPEX will require tools for reporting on errors or failed matches and a system for resolving ambiguous or erroneous data matches.

The warehouse solution will need management level reports on the quality of data and the uniqueness of pig production units. The expectation is that the GIS will have a clean, unique holding list for all pig production sites that data from the various sources can be recorded against.

4.2.4 Third party data sets

The pig health GIS needs to be able to access a large number of third party data sets for the purposes of analysis and ongoing monitoring. It is envisaged that the data warehouse will be able to interface with these on an ongoing basis.

BPEX already operates several major pig industry databases:

- The BPEX pig vet practice register
- Pig assurance information held in the CASI database
- The BPEX ZNCP salmonella scheme
- The BPEX electronic FCI and AML2 movement services
- The BPHS (British Pig Health Scheme) database

It is envisaged that the successful solution will be able to interface with all of these sources on a regular basis. Data will need to be imported into a suitable data warehouse for querying by the GIS and also available for additional reporting and analysis.

External to BPEX there are a number of additional data sources and third party data recipients that will need to be engaged with the project:

- VetNet / SAM Animal Health register of pig holdings
- RADAR (Surveillance, Zoonoses, Epidemiology & Risk)
- BPA rare breed holding registrations
- Additional third party commercial data providers for feed deliveries and other bio-security risks (e.g. First for Farming).

A key element of this project will be to demonstrate the ability to design and manage reliable data exchange routes with all of these data sources and partners. The data exchange systems that need to be put in place should be future proof and robust. Preference will be given to any supplier with a proven track record in third party data exchange, particularly with government agencies.

4.2.4.1 The BPEX pig vet practice register

BPEX maintains an electronic register of all of the registered UK vets that perform pig health visits to assured pig production units. The register is in a nested structure with vets belonging to practices. Vets can be registered within multiple practices or act as sole agents.

The vets and practices are linked to the production units they are registered as visiting. This register and the practice links will form the primary source of the initial user controls for access to certain health reporting and GIS features.

The GIS interface and data warehouse will need to be able to interface to this register for ongoing management of data access and reporting.



Examples of data from the register are available on request. The register is internally keyed using Global Unique Identifiers (GUIDs) and externally referenced using Practice and Vet codes schemes operated by the various assurance schemes (ABP/GQA)

4.2.4.2 Pig assurance information held in the CASI database

BPEX maintains a central database of the assurance information for England, Wales and Northern Ireland. The system allows BPEX to record additional information against the unit records held by these schemes. All of the information is currently held within the CASI (Certification, Assessments and Standards Interface) system. The GIS system and data warehouse will need to be able to interface with this system to update the assurance status of units and update production information with information obtained during assurance inspections.



The database, XML and interface specification of the CASI database is available on request.

4.2.4.3 The BPEX ZNCP salmonella scheme

BPEX operates the UK's ZNCP salmonella monitoring scheme. This collects a large amount of information on the prevalence of salmonella on assured pig units. The results of this scheme need to be available to the GIS interface and data warehouse as part of the reporting criteria.

The salmonella results are also held in the CASI database.



An example of the monthly results files linked by both internal references and external identifiers is available on request.

4.2.4.4 The BPEX electronic FCI and AML2 movement services

Since 2008 BPEX has been collecting electronic movement records in the format of Food Chain Information records. In addition to the FCI information BPEX is now developing a national service for the electronic movement recording of ALL pig movements within England and Wales.

These movement records will form a primary data set within the pig health monitoring system as pig movements form a major risk factor and disease transmission route.

The electronic movements are currently stored within the CASI database and link registered producer records to abattoirs with information about the movement and the current state of the pig herd on the unit.



An example of the movement records linked by both internal references and external identifiers is available on request.

4.2.4.5 The BPHS (British Pig Health Scheme) database

The BPHS database provides quarterly updated health results linked to production units by slap mark, address and postcode. The results provide information on the disease status of units and should be available in the data warehouse for use by the GIS.



Sample BPHS data covering health results, unit details and the vets who made the assessment is available on request.

4.2.4.6 VetNet / SAM Animal Health register of pig holdings

To provide the location of pig production units which are not registered with a UK assurance scheme, the online FCI/AML2 services or the BPHS scheme, BPEX requires the pig health system to interface with the central animal health register of pig holdings.

The data warehouse will need to receive regular updates from animal health and be able to identify new holdings and add to the GIS as additional risk points.



Access to animal health data is covered by government data security and confidentiality arrangements. Samples will only be released to companies that have a suitable data security policy and arrange a confidentiality agreement with Defra animal health. However for the purposes of the tender a field list can be provided.

4.2.4.7 **RADAR (Surveillance, Zoonoses, Epidemiology & Risk)**

DEFRA operates a disease surveillance and GIS analysis package called RADAR based on the ArcGIS system. Currently the provision of pig data and disease information into RADAR is comparatively poor compared to other livestock sectors. DEFRA is keen to expand on its available information and the BPEX pig health GIS system and data warehouse should be able to publish information into RADAR.

RADAR can accept data sets in a variety of formats with information linked to holdings by CPH number and geospatial references quoted as Northing's and Easting's.



The exact interface requirements for the data feeds into RADAR have not been agreed with DEFRA so indicative costs and a description of the data exchange approach will be acceptable in the response.

4.2.4.8 **BPA rare breed holding registrations**

The British Pig Association is responsible for maintaining the primary holding register for pedigree pig producers in the UK. The BPA's holding register is often the first point of registration for new rare breed producers and as such provides a valuable up to date list of smaller holdings and producers.

The BPA's register needs to be imported on a regular basis and made available to the GIS for analysis and reporting as small holdings form an additional risk factor that needs to be included in the analysis.



An example of the BPA holding register is available on request..

4.2.4.9 **Additional third party commercial data providers**

In addition to the BPEX, DEFRA and Animal Health data sets, BPEX wants to be able to explore available third party industry data as a source of risk information.

This will include records of feed or medicine delivery to a farm. There are currently some large commercial supply companies that keep detailed records of deliveries to pig production units. These deliveries form potential corridors of disease transmission and additional risk factors.

The initial interface being considered is to the First4Farming online market place. The F4F service brokers a number of feed deliveries in the UK and an interface to the system will enable analysis of feed distribution patterns to take place.

The ultimate aim will be to inform the order of delivery for feed companies to minimise the risk of disease transmission between units.



The response to this area of the requirement should include provision for the design and development of the interface and liaison with F4F over suitable data exchange. Suppliers should also provide indicative prices for similar interfaces and demonstrate past experience with this type of commercial data exchange and interface design.

4.3 Online data collection and unit health status

To enable BPEX to collect additional production unit data and monitor the progress of its pig health initiatives it requires a dynamic online data collection tool.

The survey tools should provide a dynamic data collection platform that will enable authorised BPEX administrators to design and manage questionnaires to pig producers, vets and other nominated participants. The surveys should be easy to design, deploy and answer for respondents.

The data collection tools should be able to collect survey information that will be recorded against records in the data warehouse. The GIS should then be able to use the information as a data source for analysis and reporting.

Responses to the tender should include details of the proposed survey design tools and if possible examples of previous surveys.

As a minimum, the data warehouse and GIS need to be able to maintain a pig health “status” for each unit which will form the primary indicator of risk associated with a unit and if the unit should be targeted for any improvement, vaccination or cleaning programme.

4.4 Disease and pig health reporting tools

The GIS and data warehouse need to generate a number of geospatial reports and other management and service reports.

4.4.1 Geospatial PDF reports

The results of any of the GIS analysis, selected data sets and ad hoc polygons must be able to be saved and printed as a PDF. The PDF should contain the relevant GIS results and a summary of the reporting criteria being displayed. In addition to generating print reports operators should be able to save the results of their analysis for later retrieval and distribution to other authorised users.

4.4.2 Pig unit status reports

In addition to providing GIS analysis the pig health system needs to be able to save the disease and risk status of units. The disease results should be combined with other third party information to produce a simple “traffic light” disease and risk summary report for a unit. This report can act as a primary indicator to producers and supply chain on the prevalence of key diseases and risk factors on a unit. A graphical unit disease report should be able to be produced for any registered pig production unit on the system.

Topics could include scores or status relating to:

- Disease prevalence
- Bio-security provisions

- Housing systems



An example cattle “visa” from a similar livestock health programme is available to provide an indication of the graphical PDF reporting expected from the system.

4.4.3 Management and exception reports on data quality

In addition to the GIS functionality and producer reporting the data warehouse must provide a number of management and exception reports.

4.4.3.1 Monitoring of data exchange

To ensure that the data in the pig health system is being kept up to date and conforms to the agreed provision schedule from third party data providers, BPEX requires access to regular management reports on data provision. Where agreed data fails to be provided or drops below minimum thresholds for data activity automatic email alerts should be generated to keep operators informed of potential problems that could affect the data quality.

4.4.3.2 Management reports

Management level reports should include graphical summaries of the amount of information contained in the system and the frequency that it is being updated or added to. Exact reporting criteria may develop as the project progresses but a system for generating suitable PDF reports covering the following example criteria should be possible:

- Distribution of units by disease status
- Number of movements to and from units by disease status
- Number of inspections or interventions within a period

If suppliers are proposing to use any third party analysis or reporting software full details should be provided with a detailed breakdown of costs and licensing.

4.4.3.3 Exception reporting

Within the data warehouse several key criteria for exception reporting will need to be established and monitored. Where exception criteria are met details should be provided to administrators via regular email alerts and data downloads. While the exact exception criteria may evolve through the project, a system for defining exception rules based on the data sets and implementing the required monitoring should be provided.

The first of these reports will be the monitoring of the pig holding register provided by animal health from VetNet/SAM. This register should be a complete list of all locations for pigs in the UK. If a pig production unit has been reported into the data warehouse that does not appear on the VetNet/SAM data then an error should be raised. Initially errors will be alerted to nominated BPEX administrators but direct reporting to third party data providers may be required to ensure the swift resolution of issues.

4.5 Disease mitigation management system

BPEX requires an online management and record keeping system to control the progress of identified units through relevant mitigation processes. The management system must be able to track the progress of selected pig units through a chosen programme of action which will address areas of risk and disease.

The exact programme stages will be defined as part of the project development but BPEX requires a flexible solution that will enable the overall control and monitoring of these processes.



As the exact process stages have not yet been defined, BPEX will consider indicative costs with assumptions stated. A technical solution that will enable adaptation of this process management system as the project develops would be considered an advantage.

An example of a process that will need to be managed is a controlled destocking and cleaning of a unit. The process may have the following stages and a unit will need to progress through these stages to complete the destocking. There will be rules to govern the management and automatic alerts and warnings should be generated by the system if the process rules are broken.

- Units identified for controlled destocking
- Units contacted about destocking
 - Unconfirmed units
- Confirmed units
- Scheduled destock
- Scheduled cleaning
- Destock complete
- Cleaning complete
- Audited
- Restocked
- Finished

Transitions between stages will be controlled by BPEX staff and will generate correspondence and action points that will require the engagement of third parties like inspectors and cleaning crews. The outputs and confirmations of these third party processes will then be recorded on the pig health system.

4.6 User control and contact management tools

4.6.1 User control

BPEX requires a solution with an administration system that will allow authorised BPEX system administrators and managers to control the access permissions of pig health system. User accounts should be easily awarded permissions for access to reports and services.

As a minimum the service must provide the following user personas which will allow BPEX to manage access to the information with the pig health system:

- System Administrators

- Vets
- Producers
- Corporate Owners
- Other Authorised Third Parties

The group management interface should allow administrators to:

- Create new user and permission groups
- Rename and describe groups
- Create staff and new user accounts
- Add and remove users from groups
- Access the contact details and user accounts

In addition BPEX administrators should be able to award themselves “assume” permissions on user accounts. This should allow administrators to change identity on the system so that they can access services on behalf of users without sharing passwords and other confidential information. Any alternative mechanism providing access for authorised BPEX administrators to the system will be considered

4.6.2 Contact and template management

Integrated with the user management features BPEX requires a set of contact and communication tools. These tools should allow authorised BPEX system administrators and managers to contact users and edit communication resources used by the process management and pig health system.

Communication resources will include templates used for Email, Fax and Post. Templates should be able to be edited in HTML via on onscreen editor. All communications sent from the system to registered users should be recorded against their records.

If possible the interface ideally should allow ad hoc communications which are integrated with Microsoft Outlook (or other desktop based email clients).



Solutions using third party CRM software and services will be considered if they integrate with the access permissions for the reporting and GIS and offer suitable security. All licence and ongoing costs of any third party software must be included as part of the proposal.

5 Delivery timetable

The closing date for tenders is Wednesday 8th July.

The project elements outlined in this requirement document need to be in operation by 31/12/09. BPEX would expect a phased project timetable which would deliver key elements throughout the period 01/08/09 – 31/12/09. Ideally the data integration and GIS system would be available for use by October 2009.

6 Format of response

The response to this requirement should include a fully detailed project plan with costs and details of approach for all of the requirement elements. It would be advantageous to break down the costs under the following headings to enable comparison between responses:

- The Pig Health Website
- The GIS system
- Map Licence costs (if applicable split between a national costs and costs for the Yorkshire and Humber region)
- The Data Warehouse
- Third Party data integration split by third party data sets
- Online data collection tools
- Pig health reporting tools
- Disease mitigation management system
- User controls and contact management (CRM)

Ongoing support and licence costs for the system should also be provided. Costs should include the support of the service covering Yorkshire and Humber and also provide projected costs for a national UK system on a regional basis.

In addition the tenderer should if possible provide details of any relevant projects and experience they have. These should include references from similar industry or government agencies that they may have worked with. BPEX recognises that certain such contracts will include confidentiality restrictions preventing publication of their existence, and undertakes that it will maintain confidence in relation to any information about such contracts that is able to be provided and is marked as confidential.



BPEX is looking for a contractor with a proven track record in the delivery of similar systems and will weight responses suitable to reduce risk in the delivery of the pig health system.

An up to date data security policy, details of company size, annual turnover and organisational structure should also be included in a separate set of documents included in a second unmarked envelope within the tender envelope. . An indication of the nature of the team that will provide the project would be helpful. This envelope will also be coded by BPEX when the tender is opened..

The main response document should be submitted without any company details as they will be assessed anonymously.