

FIVIUM RESPONSE

ELECTRICITY DEMAND REDUCTION

ENHANCEMENTS TO THE EDR APPLICATION PILOT

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CONTENTS

1.	Electricity Demand Reduction	3
1.1	Introduction	3
1.2	Approach.....	3
1.3	Assumptions.....	3
2.	Technical Questions.....	5
3.	Commercial Questions.....	10
4.	Additional Commercial	11
4.1	Payment Milestones	11
4.2	Support Costs	11
4.3	Rate Card.....	11
4.4	Expenses.....	11
4.5	VAT	11
4.6	Term of Charges	11
4.7	Confidentiality.....	12
4.8	Company Information	12
4.9	Contact Information.....	12

1. ELECTRICITY DEMAND REDUCTION

1.1 Introduction

Fivium are delighted to respond to DECC’s ITT for enhancements to the EDR IT Application to support the Electricity Demand Reduction (EDR) pilot.

This proposal outlines briefly our approach and timescales that we hope will meet DECC’s requirements.

1.2 Approach

Fivium will build the EDR Pilot application form system in two phases to ensure the deadline for starting expressions of interest can be met:

Phase 1

- ✘ Expressions of Interest

Phase 2

- ✘ DECC processing changes
- ✘ Technical review changes
- ✘ Reporting and templates
- ✘ Minor changes

1.3 Assumptions

Fivium have made the following assumptions:

- ✘ DECC EDR team will handle 1st line support, Fivium will be responsible for 2nd line support only (i.e. only receive calls from the DECC EDR team)
- ✘ Expression of interest form is finalised prior to development commencing

1.4 Auction 1 Workflow

The current position of the applications from Auction 1 is as follows.

Workflow Stage	Application Count
Application Submitted	●
Application Rejected	●
Withdrawn	●

Workflow Stage	Application Count
In Auction	2
Post Processing	2
Completed	2

DECC will need to ensure that the applications are in the correct workflow stages before commencement of the 2nd round of applications.

2. TECHNICAL QUESTIONS

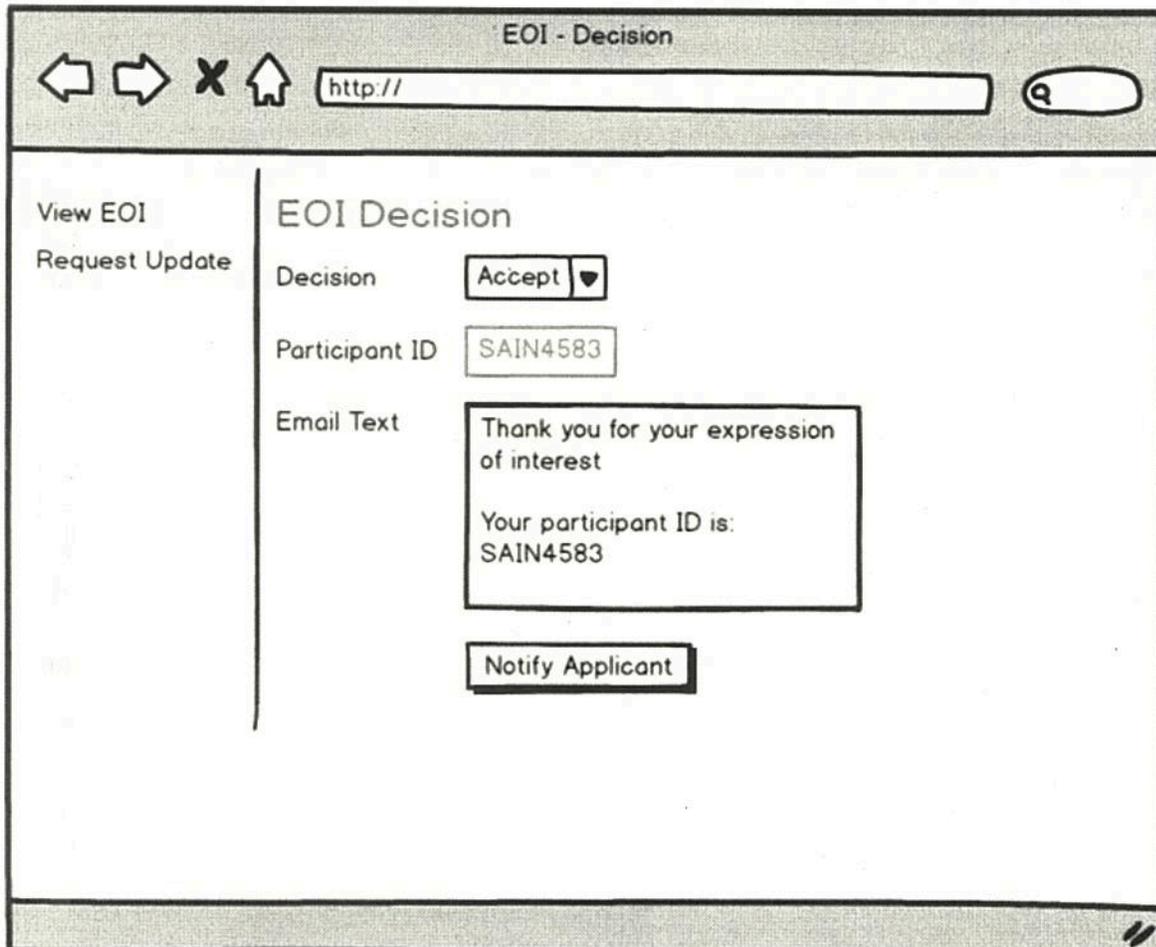
Provide a high level design for this application which addresses user interface screens, security, workflow and email functions to achieve the requirements set out in the Requirements section of the invitation above and refer to the FOXOpen framework to indicate implementation principles

Fivium built the original pilot application and thus we have detailed knowledge of the current structure of the application. For the design requirement we have focussed on the new components that are required. There are no substantial security or workflow requirements in this enhancement tender.

The EOI component will be built along the same lines as the current online application form.

An EOI Decision screen will be required for DECC. A unique Participant ID will be generated if the DECC decision is 'Accept'. This is generated by the system and cannot be edited. It will use the first 4 letters of the provided organisation name (pad if less than 4 characters) and 4 random numbers. Generated participant ID will be automatically included in the email text.

A sample of the EOI decision screen is below:



EOI - Decision	
View EOI	EOI Decision
Request Update	Decision: <input type="button" value="Accept"/> ▼
	Participant ID: <input type="text" value="SAIN4583"/>
	Email Text: <div style="border: 1px solid black; padding: 5px;">Thank you for your expression of interest Your participant ID is: SAIN4583</div>
	<input type="button" value="Notify Applicant"/>

DECC will require access to view Participants and a participant list screen will be created. All issued participant ID's can be viewed and participants can be deleted if no applications have been started using that ID.

Participant ID Maintenance

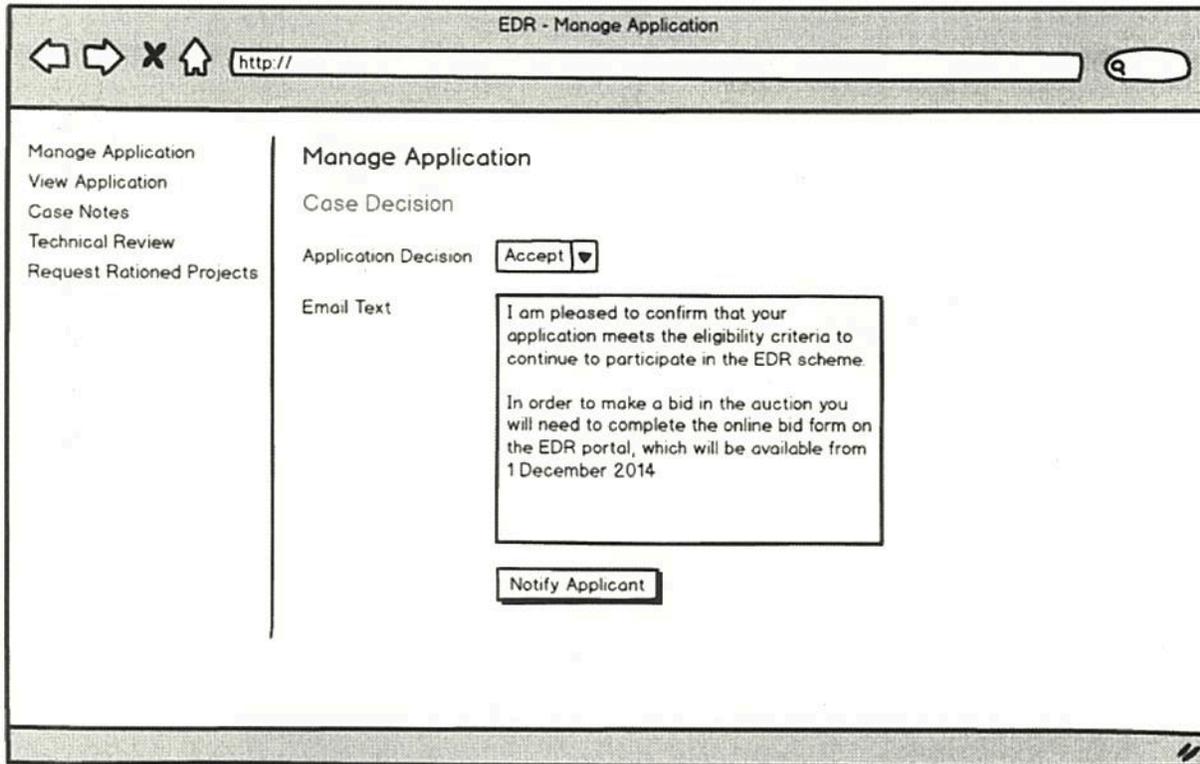
EOI Search

Participant ID List

Participant ID	Lead Contact Name	Organisation	Date Generated	Actions
SHELL8086	John Smith	Shell	22 Jan 2015	Delete
METT4273	Charlie Owens	Mett Office	22 Jan 2015	Delete
SAIN4583	Emily James	Sainsburys Ltd	19 Jan 2015	Delete
NETW9168	Mark Richards	Network Rail	18 Jan 2015	Delete

Email templates will be manageable through the system and the default email text will be automatically loaded and DECC can review and edit before sending.

An example email embedded in the existing Application Decision screen is below.



EDR - Manage Application

http://

Manage Application
 View Application
 Case Notes
 Technical Review
 Request Rationed Projects

Manage Application

Case Decision

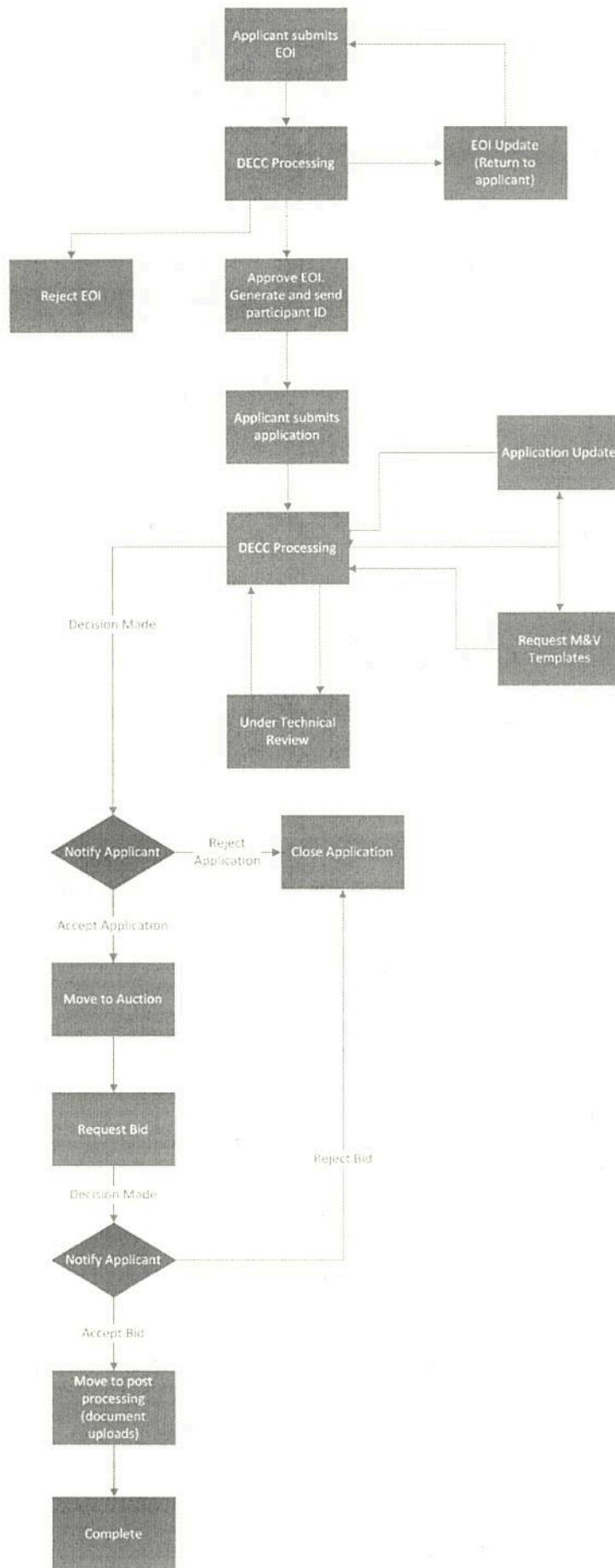
Application Decision ▼

Email Text

I am pleased to confirm that your application meets the eligibility criteria to continue to participate in the EDR scheme.

In order to make a bid in the auction you will need to complete the online bid form on the EDR portal, which will be available from 1 December 2014

The workflow will require some minor adjustments and these will be embedded into the current workflow. The workflow will be revised to the following structure:



3. COMMERCIAL QUESTIONS

Please confirm that development will be based wholly in the UK

We confirm that development will be based wholly in the UK.

Please confirm that you are able to deliver the project in the tight timescale described

Fivium propose the following plan which we believe fits in with DECC's timescales:

Phase 1

- Build commence 20th April 2015
- User Test 11th May 2015
- Go-Live 20th May 2015

Phase 2

- Build commence 11th May 2015
- User Test 22nd June 2015
- Go-Live 1st July 2015

Please provide a costed plan for the development and delivery of this application as set out in the Requirements section of the invitation above with a costed breakdown of the resources and project stages

The cost to build the EDR Pilot [REDACTED]

	Total Days	Charge	Principle Consultant	Lead Consultant	Senior Consultant	Junior Consultant
Expression of interest / Application form	[REDACTED]	£ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DECC Processing	[REDACTED]	£ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Technical Review	[REDACTED]	£ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Reporting and templates	[REDACTED]	£ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Minor change allowance	[REDACTED]	£ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
QA	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Release / Bug Fix	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Testing	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Project Management	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Risk (10%)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Please provide a costed plan for the transition of the project to support services with an associated breakdown of costs

As Fivium are the incumbent provider of Lot 3 – DECC Central Applications support, there is no additional cost for transition of the project to support.

Please indicate how your design would remain flexible and lend itself to future enhancements

The design allows for phased releases of functionality developed in parallel with live system usage. The initial release will be the expressions of interest functionality and additional modules and capability will be added as a subsequent release.

The design takes into account the possibility for long-term use, allowing for multiple auction rounds to be run.

Indicate which modules you consider would be required to implement this application and the nature and complexity of these modules

Fivium built the original pilot application and thus have detailed knowledge of the current structure of the application and the complexity of the modules.

We have considered below the new modules that would be required for this set of enhancements

Module / Area	Description	Complexity
EDR_EOI_FORM	EOI form edit/view and start/resume requested updates	Simple
EDR_MANAGE_EOI	Accept/Reject EOI and request updates	Simple
EDR_EOI_SEARCH	Search submitted EOIs	Simple
EDR_PARTICIPANT_LIST	Manage and view participants	Simple

Describe the testing phases which you would go through to verify the application conforms to user expectations

Each release will pass through two phases of testing:

- ↘ Internal system testing – Fivium will perform internal unit testing and quality assurance prior to the initial test release to DECC.
- ↘ User acceptance testing – the system will be released to a DECC UAT environment. Fivium will collaborate as necessary in drawing up a test plan, and will be available during the UAT period to correct defects and handle queries as quickly as possible.

Due to our rapid application development approach, we can also provide DECC key users with demos during development as necessary, to confirm that the system is conforming to user expectations and to ensure the quality of the final product.

Describe the documentation you would provide as part of the handover exercise to support services

Fivium will create a technical reference document to support the system.

4. ADDITIONAL COMMERCIAL

4.1 Payment Milestones

Milestone 1: On go-live of Phase 1 (50%)

Milestone 2: On go-live of Phase 2 (50%)

4.2 Support Costs

Application support for EDR is [REDACTED] month. EDR can be shutdown with 1 month notice.

Call off days can be purchased by EDR for minor enhancements in bundles of 5 days. Each 5 day bundle is £[REDACTED] (priced at the Fivium standard blended rate of £[REDACTED])

There is no increase in application support as a result of these enhancements.

4.3 Rate Card

Grade	Daily Rate
Principle Consultant	£[REDACTED]
Lead Consultant	£[REDACTED]
Senior Consultant	£[REDACTED]
Junior Consultant	£[REDACTED]
Developer	£[REDACTED]

4.4 Expenses

Any expenses will be agreed with DECC prior to being incurred.

4.5 VAT

All charges outlined in this proposal are presented exclusive of Value Added Tax. VAT will be charged at the prevailing rate. All charges are in pounds sterling.

4.6 Term of Charges

The costs provided will be valid for a period of 30 days from the submission of this proposal.

4.7 Confidentiality

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4.8 Company Information

Company Name	Fivium Limited
Company Registered Address	Palladium House 1-4 Argyll Street London W1F 7LD
Company Registration Number	05775733

4.9 Contact Information

Please address all contact and queries regarding this proposal to Anthony in the first instance who will be pleased to respond.

Name	Anthony Ashton
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Mobile Telephone No	07919 054201
Email Address	anthony.ashton@fivium.co.uk