



enVoy Interruption

uk gas interruption management

overview

enVoy Interruption provides UK Gas Shippers with the capability to manage the process around bids for interruption, and handle all data flows related to Interruption Reform.

background

Interruption Reform (UNC Modification 0090) starts on 1st April 2008, with the 2008 auction covering Interruption for the 2011/12 to 2015/16 gas years. Eligible industrial and commercial sites with a consumption in excess of 5,860,000 kWh (200,000 therms) per annum may be able to bid in for interruption.

bidding

The gas Distribution Networks will determine their interruption requirements for various zones around the UK.

Eligible I&C sites can submit bids which consist of an option and exercise price, an interruption volume and a number of interruptible days per year. The bids can cover a range of years from one year through to a maximum of five years. It is also possible to submit more than one bid for any site, with a range of different parameters and prices; only one bid per site can be accepted for contract.

If the bid is accepted, contract details are prepared. The yearly option price is paid regardless of any interruption used, and the exercise price will be paid for each day of interruption.

auction process

The auction process is managed by xoserve, the gas supply point administrator. Auctions will be held annually from April to July each year; under certain circumstances there can also be ad-hoc auctions requested outside the normal yearly regime.

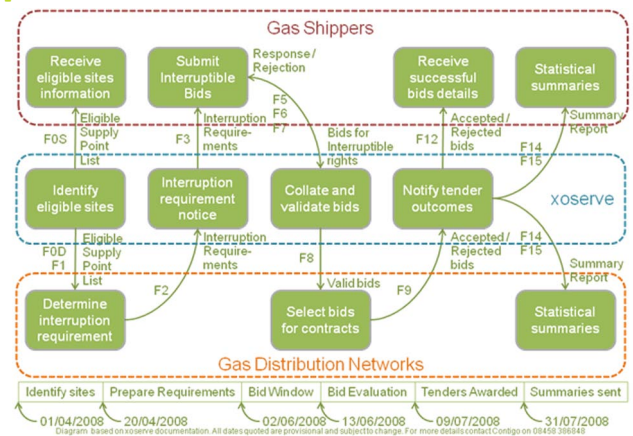
It is the responsibility of the shipper to submit bids to xoserve on behalf of their I&C sites. Bid submission and management is controlled via a series of interface files.

how it works

enVoy Interruption supports the interruption business process via an easy-to-use management application. This system enables shippers to record details of their sites and customers, identifies eligible sites and allows interruptible bids to be formulated. In addition, the software also controls all the files to and from xoserve, handling the submission and validation of all shipper files.

With only ten days for shippers to submit their bid requirements, enVoy Interruption provides an ideal solution to ensure bids are recorded and processed accurately.

process details and timescales



business process support

enVoy Interruption provides the following business process support via the management application:

- Auction setup and configuration
- Eligible sites based upon xoserve datafeeds
- View Distribution Network interruption requirements
- Allow users to formulate bids
- Validate bids to ensure consistency
- Flexible price entry
- Allocate tranches to bids
- Bid status indicator
- Audit of actions taken

file handling

enVoy Interruption handles the following file processing:

- Receive eligible sites F05 file
- Receive interruption requirements F3 file
- Receive invitation to shippers F4 file
- Sends interruptible bids F5 file
- Receive technical rejection F6 file
- Receive bid acknowledgement response F7 file
- Receive details of successful bids F12 file
- Receive statistical summaries F14/F15 files



file management

For each file sent or received, the enVoy Interruption file controller service will:

- Permanently scan the inbox for new files received
- Validate all data fields
- Archive of all sent and received files
- Generate process logs of files loaded
- Receive bid acknowledgement response F7 file
- Receive details of successful bids F12 file
- Receive statistical summaries F14/F15 files

file management

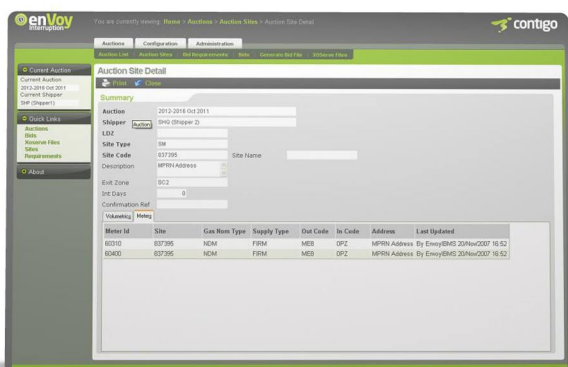
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standing data management

Data management screens will be provided as part of the enVoy Interruption application; these provide the administration user with the capability to configure:

- Distribution Network companies (DNs)
- Local distribution zones (LDZs)
- xoserve file types
- Configuration parameters
- User and Role administration



reporting

enVoy Interruption provides the following standard reports, all reports are exportable to Excel and PDF:

- Interruption requirement report
- Bids submitted report
- Bids accepted report

interfaces

enVoy Interruption supports the following interfaces to allow easy integration with downstream systems and processes:

- Web services for integration with other systems
- Excel export functionality to review data

technical features

- Web client ASP.Net 2.0 application running IIS6/IIS7
- xoserve file handler background service
- Requires Windows Server 2003 R2
- Requires SQL Server 2005 database
- Service Oriented Architecture (SOA) capability
- Fully scalable architecture to handle high transactional and concurrency requirements

about contigo

The team at Contigo has many years of experience in designing, building, implementing and supporting large-scale, complex, integrated IT systems. We have worked in a number of market sectors - such as Energy, Finance and Logistics - and have in-depth knowledge of the latest Microsoft development tools, database technologies and Business Intelligence solutions.

Contigo is a Microsoft Certified Partner and many members of our team hold individual Microsoft Certified Professional qualifications.



further information

Video demonstrations of the enVoy and enTrader systems are available on our website - www.contigo.co.uk.

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