Web Client Manual for Market Participants

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REVISION HISTORY

Date	Author	Changes

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APPLICATION BASICS

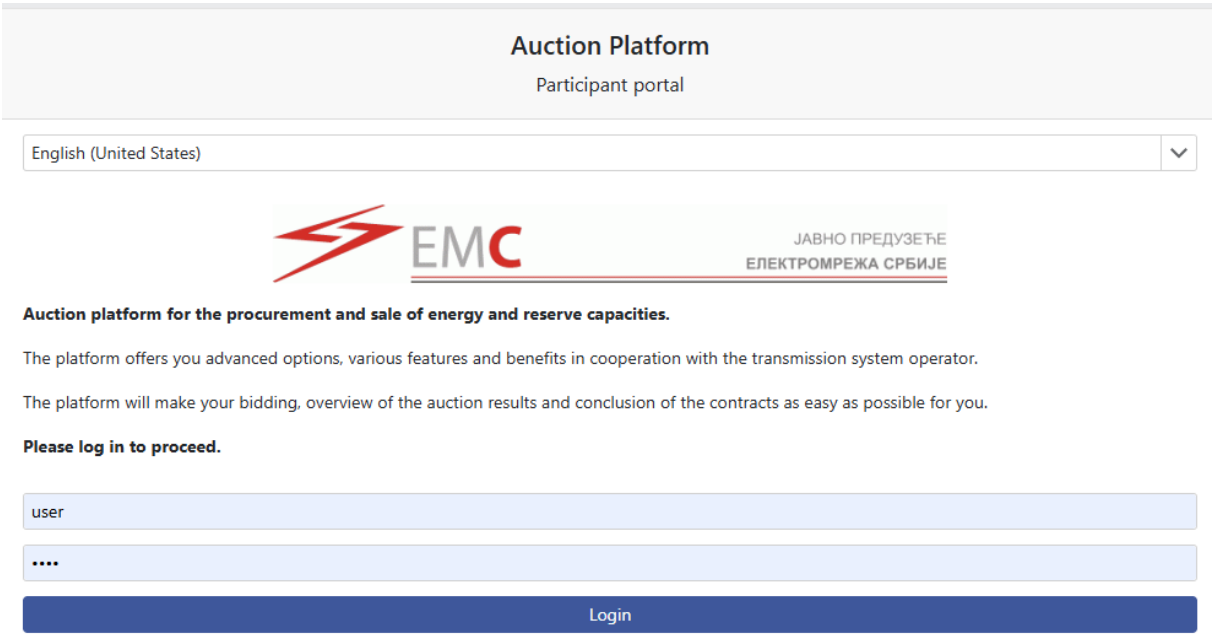
The Auction Platform (AP) Web Client for Market Participants is web-based application. Access to application is only allowed for auction participants according to national Grid Code and Market Code. Application is available on: https://auctions.ems.rs/Auction-Web-Client.

Its functionalities are implemented according to documents and definitions produced by the ENTSO-E Electronic Data Interchange (EDI) Working Group. Links to particular documents are available bellow, but you can check the entire EDI Library.

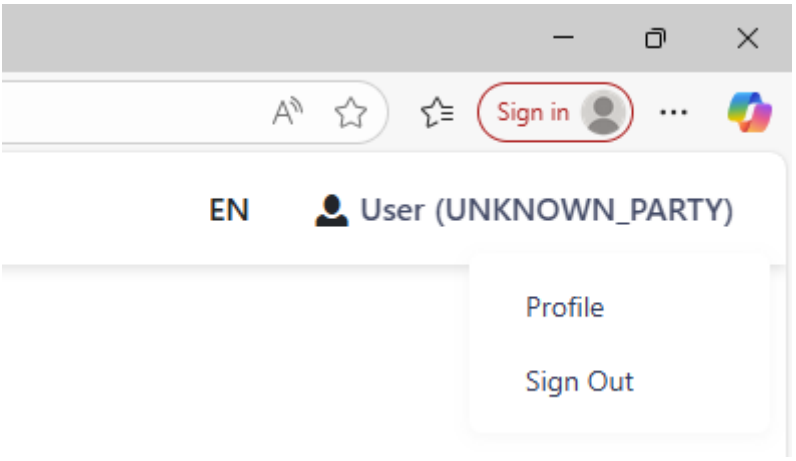
AP Web Application is html application compatible with the following browsers:

- Chrome
- Microsoft Edge
- Firefox
- Opera
- Vivaldi

The user is required to use username and password to login. Once you are logged in, the application will be synchronized with the server.



Sign out option is available in right upper corner.



Auction Platform web application supports following functions, available on the left side navigation tree:

- **Dashboard,**
- **Auctions,**
- **Notifications,**
- **Documents** and
- **User Profile**.

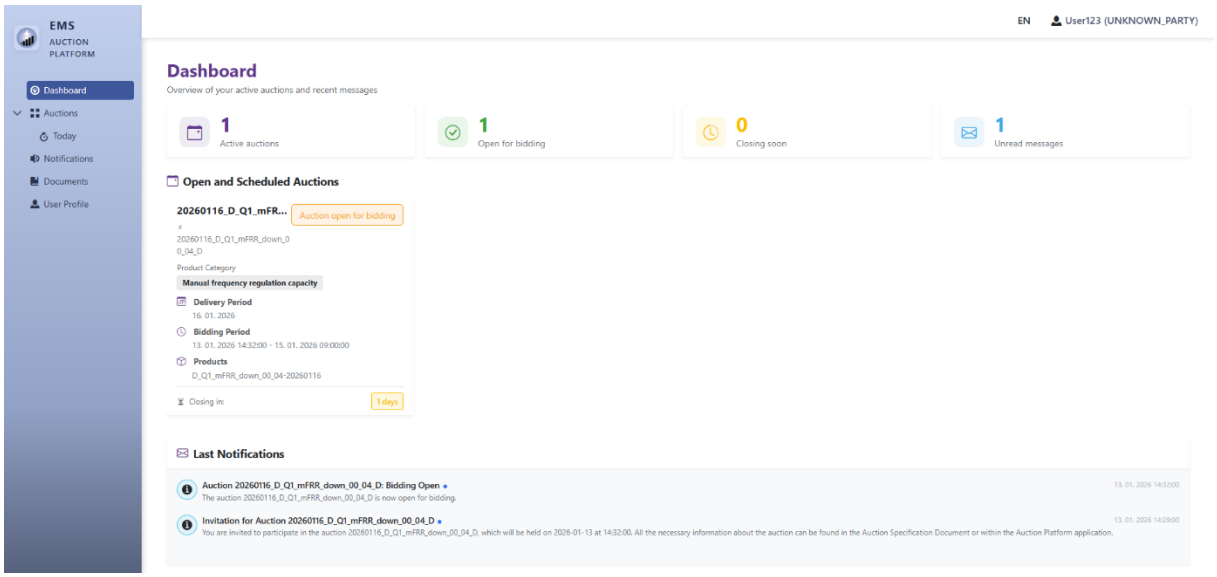
DASHBOARD

The main dashboard page serves as the central hub for users to manage their auction activities effectively. It provides a comprehensive and user-friendly interface that consolidates critical auction information and system notifications. The page features a navigation menu on the left side, which offers quick access to additional details and functionalities.

On the dashboard following information is available in tabular format:

- **List of opened and scheduled auctions** - A comprehensive list of ongoing and near-term auctions is displayed, providing users with essential information about the auctions, such as auction identification, auction status, delivery period, bidding period, product category and auction product identification. More information can be accessed with a direct click on View option or through the navigation menu.

- **List of last system notifications** - The page displays a list of recent system notifications, which allows users to quickly identify the nature of each message. It includes notification level (differentiated using color-coding), notification time, notification content and read/unread status. Users can access further message details with a direct click on Read option which will open the Notification Details window.



AUCTIONS

Auction List

This section allows users to view and participate and navigate to auctions related data pages. It has Today sub-sections, which gives users directly link to actual (ongoing or in progress) today's auction.

On top of the page users can interact with the auction platform through various filtering parameters to access relevant information and participate effectively in auctions. The filter component includes combo and date editors and a Search button to trigger the search. Data can be displayed in several data pages. The main filters of the AP web application are:

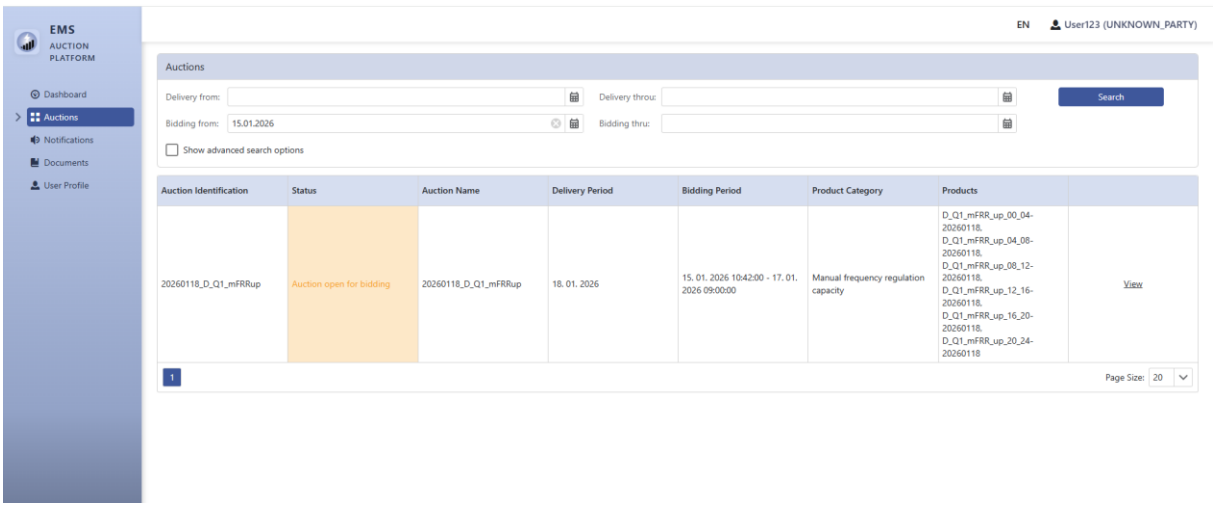
- Delivery period time interval
- Bidding period time interval

By clicking on *Show advanced search options*, you can view:

- Auction status
- Product category
- Auction identification

In the middle section of page, the main component of the user interface is the grid component that displays a list of auctions in a table format. Users can also click on top table column for sorting of auction data. The table consists of following columns:

- Auction identification,
- Status,
- Auction name,
- Delivery period,
- Bidding period,
- Product category and
- Products.



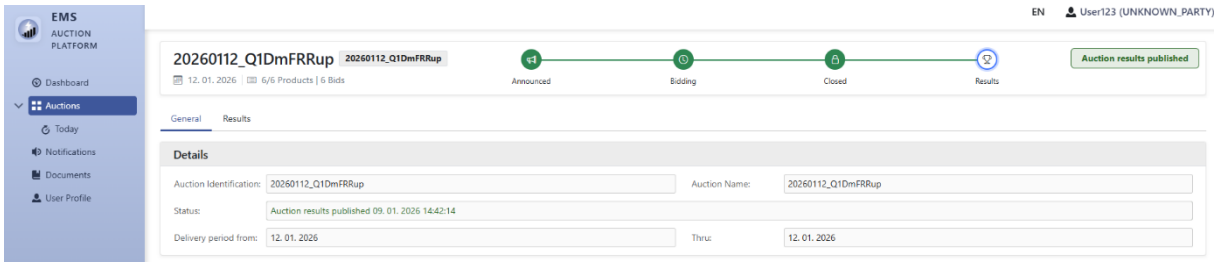
Single Auction Data

With clicking on View link option at auction list data page, single auction data is available. On top of the page auction identification, auction name and delivery periods are available.

Auction Specification and Product Details

Auction specification data page contains three main tabs in the user interface:

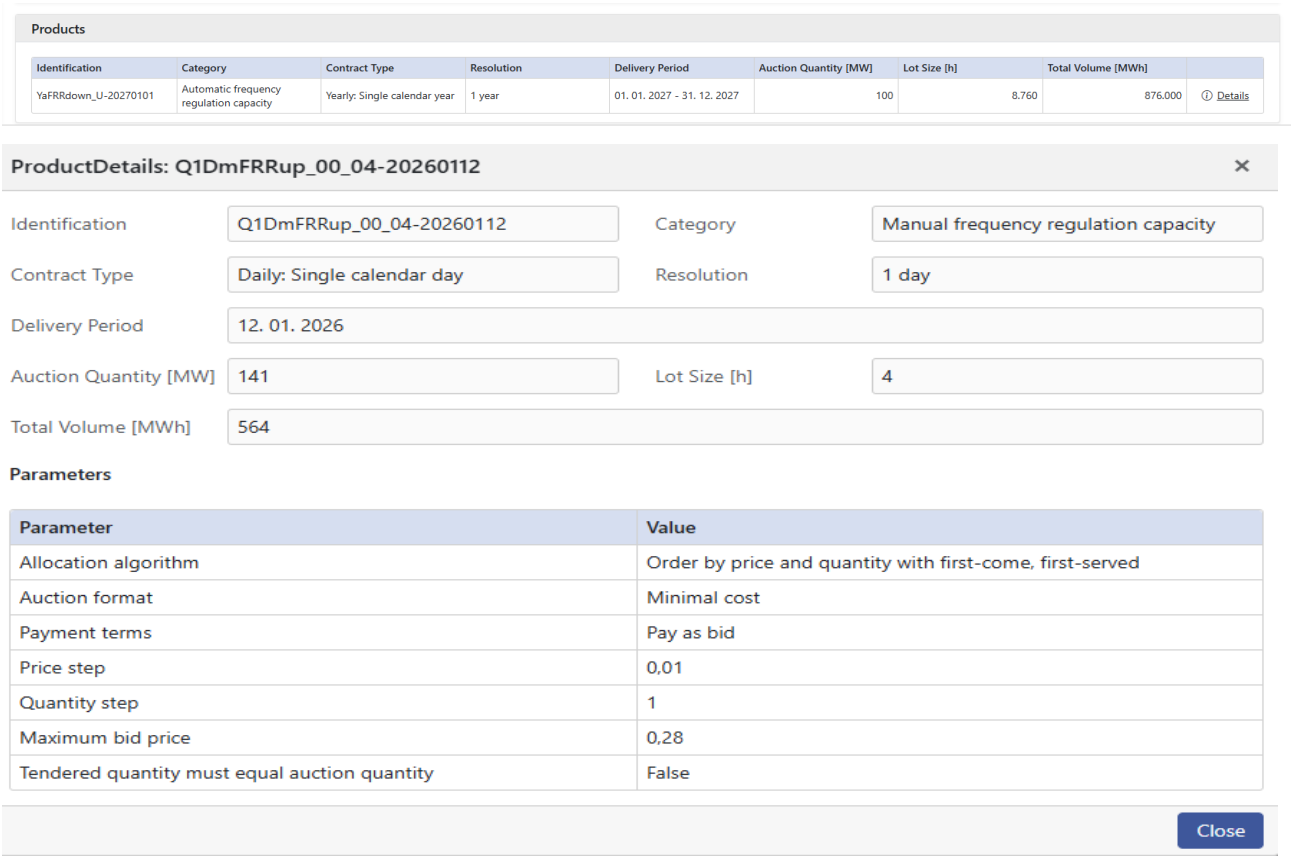
- **Details section** – displays essential information about the auction, including the Auction Identification, Auction Name, delivery date, bidding date/time information and finally auction Status.
- **Announcement section** – display Auction announcement title and message, which is sent to participants also via email channel, if configured so.
- **Products section** – displays essential information about one or more auction products, including auction product identification, category, contract type, resolution, delivery period, auction quantity, lot size and total volume.



Identification	Category	Contract Type	Resolution	Delivery Period	Auction Quantity [MW]	Lot Size [h]	Total Volume [MWh]	
Q1DmFRRup_00_04-20260112	Manual frequency regulation capacity	Daily: Single calendar day	1 day	12. 01. 2026	141	4	564	Details
Q1DmFRRup_04_08-20260112	Manual frequency regulation capacity	Daily: Single calendar day	1 day	12. 01. 2026	141	4	564	Details
Q1DmFRRup_08_12-20260112	Manual frequency regulation capacity	Daily: Single calendar day	1 day	12. 01. 2026	141	4	564	Details
Q1DmFRRup_12_16-20260112	Manual frequency regulation capacity	Daily: Single calendar day	1 day	12. 01. 2026	141	4	564	Details
Q1DmFRRup_16_20-20260112	Manual frequency regulation capacity	Daily: Single calendar day	1 day	12. 01. 2026	141	4	564	Details
Q1DmFRRup_20_24-20260112	Manual frequency regulation capacity	Daily: Single calendar day	1 day	12. 01. 2026	141	4	564	Details

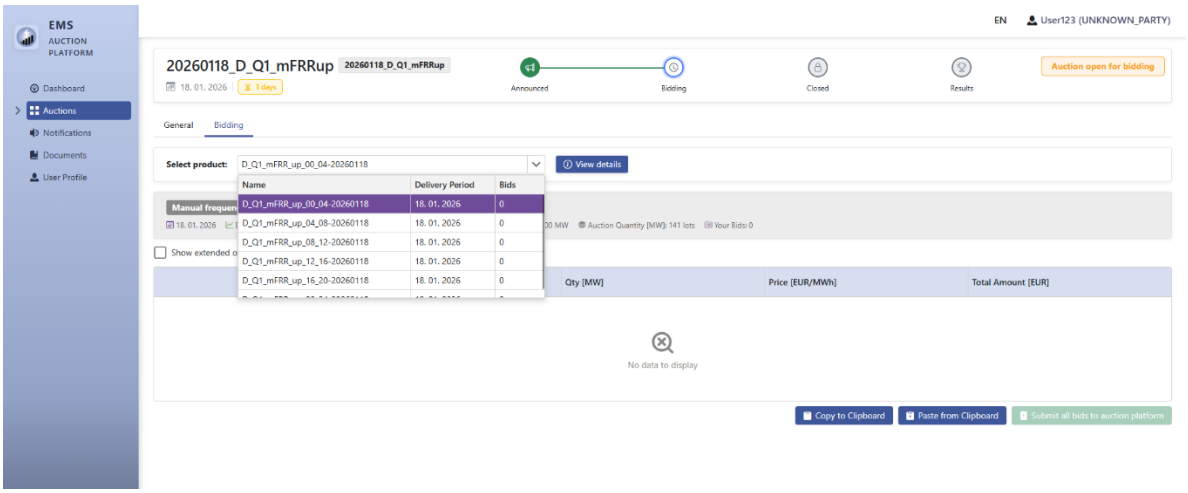
On auction product details page, by clicking on Details hyperlink, Product Details including product parameters on auction is available. Data are collected to sections:

- Product identification on auction, product category, contact type, resolution, delivery period, auction quantity, lot size, total volume.
- Parameters – This section displays a table with the auction parameters used during the auction, including their names and values. These parameters define the rules and constraints of the auction. Participants will only be able to view auction parameters and data if the visibility option has been configured to either be always visible to external users or visible after the auction results have been published and the auction is in that state.

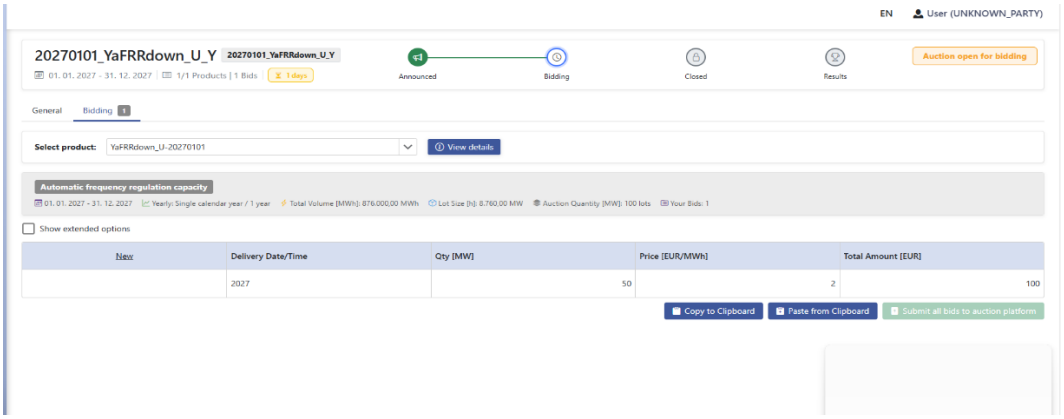


Bidding

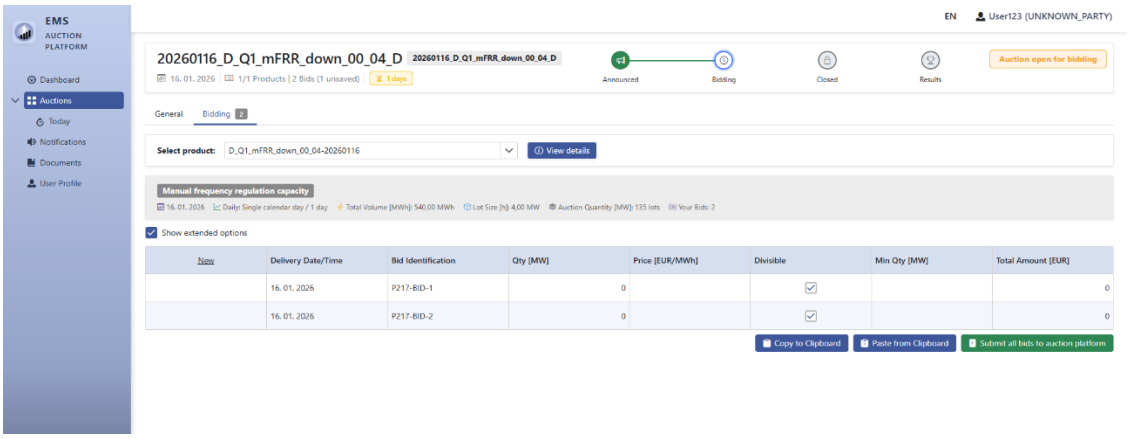
In the 'Bidding' tab, the auction product is selected from a drop-down menu.



Basic bid options displayed in a table format are Delivery Date/Time, Qty [MW], Price [EUR/MWh] and Total Amount. Submission of the bid is done by selecting the 'New' option and entering the quantity and price.

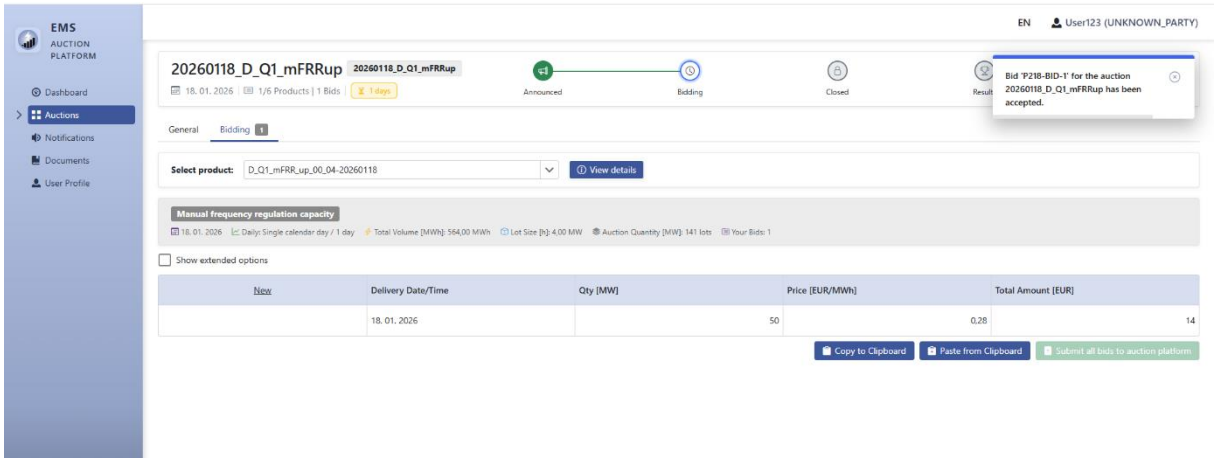


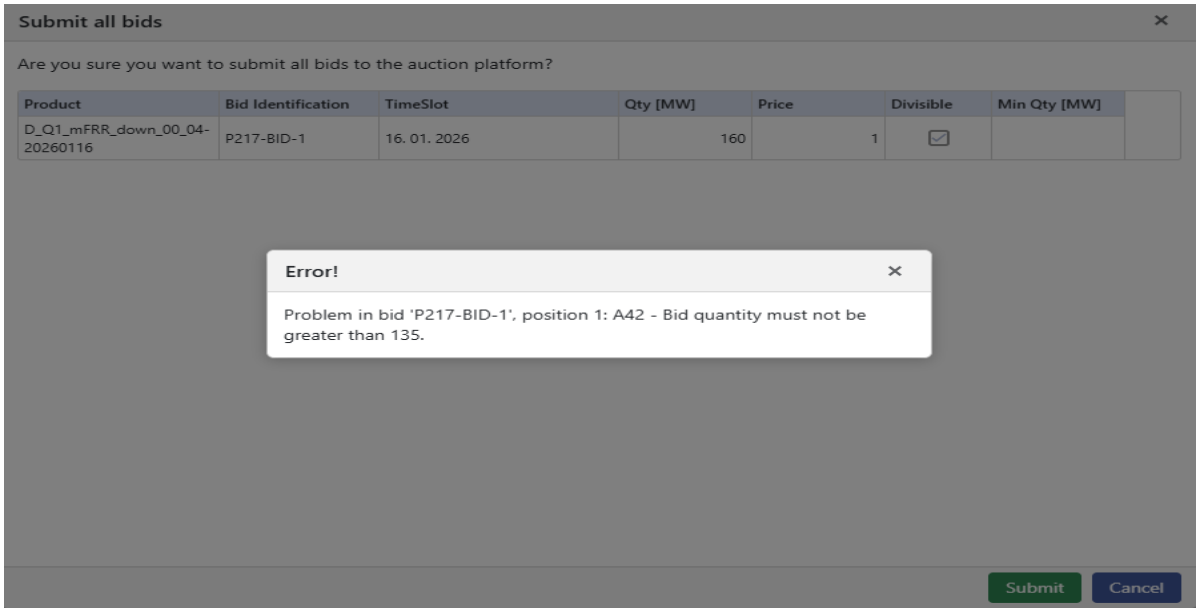
With enabling extended option table is populated also with Bid Identification, Divisible and Min Qty [MW]. User confirms data with clicking on **Submit** option and bid data are copied to bidding data table.

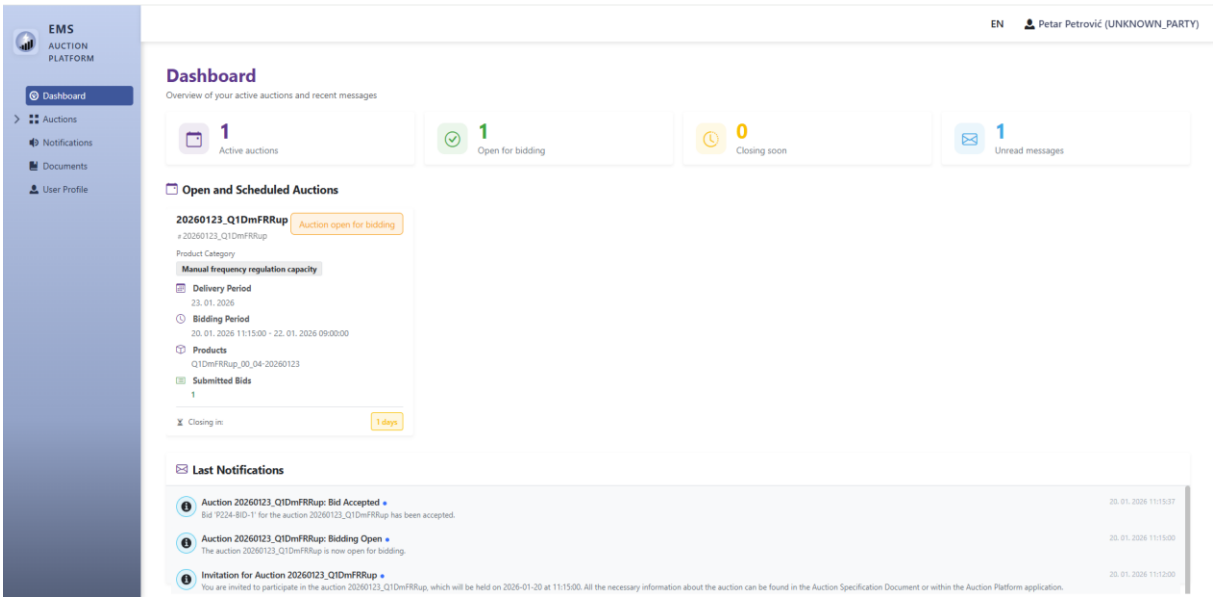


Finally, data are sent to auction platform by clicking **Submit All Bids to the Auction Platform**, green bottom below the table. Platform prompts users once again to check all bids and finally confirming bids submission by clicking on green **Submit** button.

Web application returns notification response whatever bid was accepted or rejected.



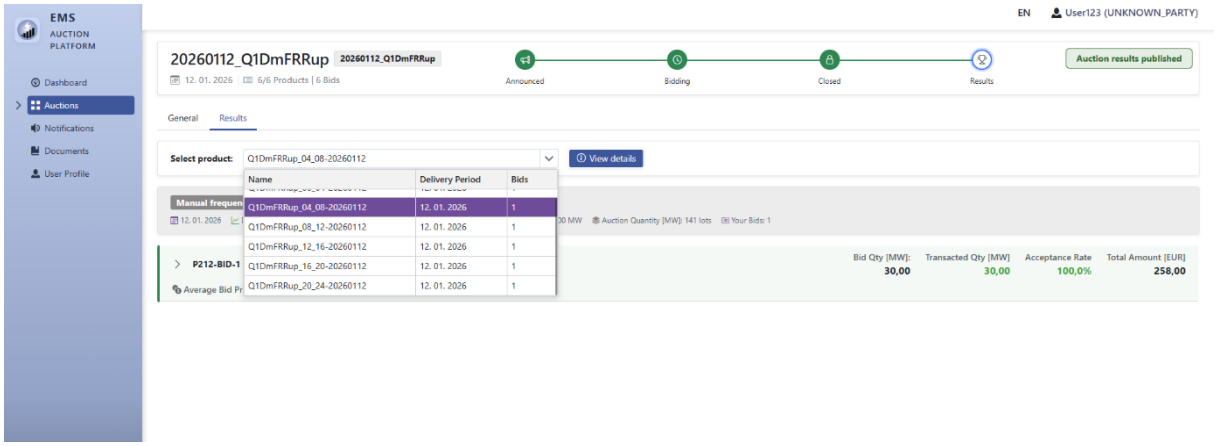

Submit all bids
Are you sure you want to submit all bids to the auction platform?
Product
Bid Identification
TimeSlot
Qty [MW]
Price
Divisible
Min Qty [MW]
D_Q1_mFRR_down_00_04-20260116
P217-BID-1
16. 01. 2026
160
1
Error!
Problem in bid 'P217-BID-1', position 1: A42 - Bid quantity must not be greater than 135.
Submit
Cancel

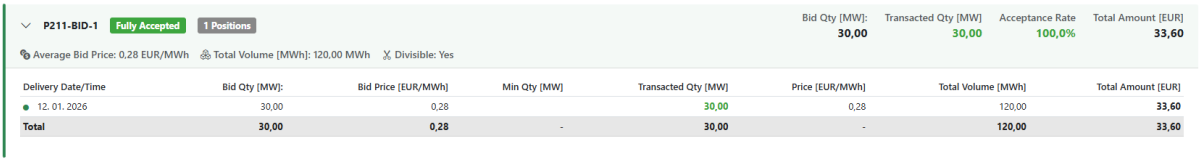

EMS
AUCTION PLATFORM
Dashboard
Auctions
Notifications
Documents
User Profile
EN
Petar Petrović (UNKNOWN_PARTY)
Dashboard
Overview of your active auctions and recent messages
1
Active auctions
1
Open for bidding
0
Closing soon
1
Unread messages
Open and Scheduled Auctions
20260123_Q1DmFRRup
Auction open for bidding
Product Category
Manual frequency regulation capacity
Delivery Period
23. 01. 2026
Bidding Period
20. 01. 2026 11:15:00 - 22. 01. 2026 09:00:00
Products
Q1DmFRRup_00_04-20260123
Submitted Bids
1
Closing in:
1 days
Last Notifications
Auction 20260123_Q1DmFRRup: Bid Accepted
Bid 'P224-BID-1' for the auction 20260123_Q1DmFRRup has been accepted.
Auction 20260123_Q1DmFRRup: Bidding Open
The auction 20260123_Q1DmFRRup is now open for bidding.
Invitation for Auction 20260123_Q1DmFRRup

Results

A four-hour interval for which we need the results is selected from the drop-down menu. The tabs that are displayed are:

- Bid Qty [MW],
- Bid Price [EUR/MWh],
- Min Qty [MW],
- Transacted Qty [MW],
- Price [EUR/MWh]
- Total Volume [MWh]
- Total Amount [EUR]





NOTIFICATIONS

In the notification section one-way alerts and notifications related to the auction platform are available. These include:

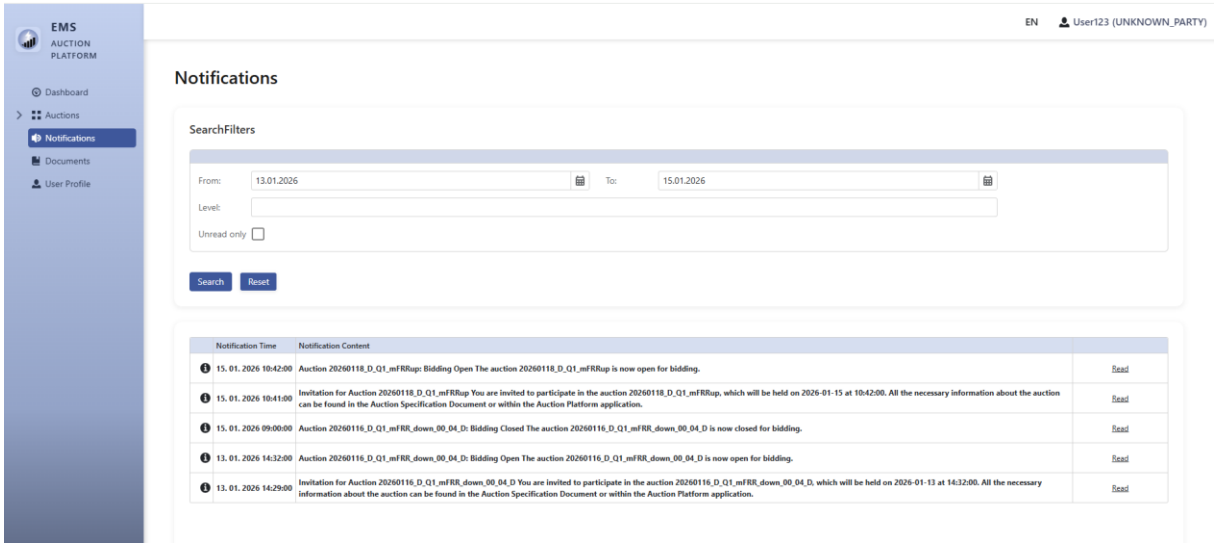
- Updates on auction statuses (e.g., open, closed, cancelled, or completed auctions),
- Announcements about new auctions or changes in auction schedules and other public parameters,
- System-related issues or maintenance notices that users should be aware of,
- Reminders for users about upcoming deadlines, such as submitting bids or signing contracts.

On top of the page users can interact with the auction platform through few filtering parameters to filter relevant notifications. The filter component includes combo, date editors, check box and a Search button to trigger the search. Data can be displayed in several data pages. The filters are:

- Notification time interval from – to,
- Notification level,
- Unread/read checkbox.

In the bottom section of page is the grid component that displays a list of notifications in a table format. Users can also click on top table column for sorting of notifications. The table consists of following columns:

- Notification time,
- Notification content,
- Read link for displaying single notification details and marking notification as read.



DOCUMENTS

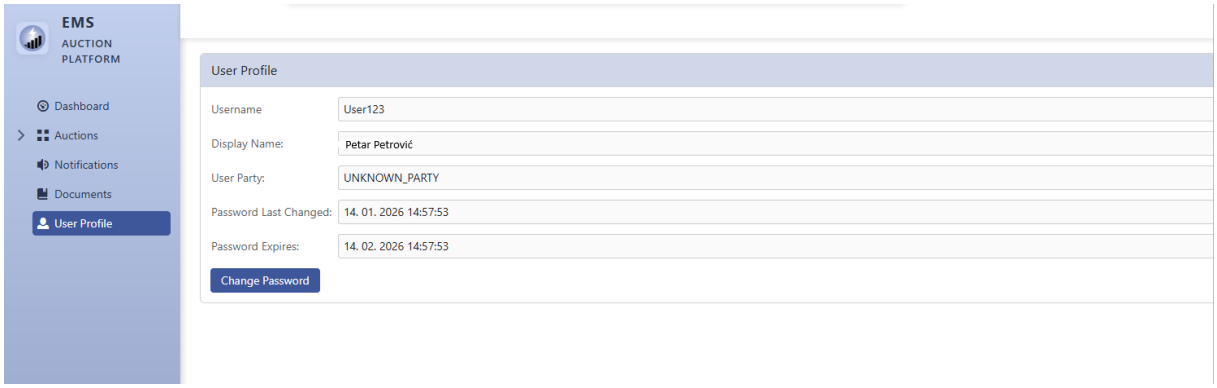
Auction platform documents are based on ENTSO-e and slightly customized ENTSO-e (Novita custom) XML schemas. In Documents view user can download all documents in XML format, which were sent to Auction platform or auction platform send it to participant. Supported documents:

- Capacity Auction Specification Document (NovitaAuctionSpecification_MarketDocument v1r0 schema).
- Bids Document (NovitaAuctionBid_MarketDocument v1r0 schema).
- Auction results are Document (NovitaAuctionResult_MarketDocument v1r0 schema)
- Acknowledged document (entso-e AcknowledgementDocument v5r1 schema).

Documents are searched based on the delivery period.

Selecting the 'More filters' option enables additional filters at the top of the page: Documents Type, Auction identification, Document identification and include all documents version check box filter options. In the table below from the left first Document identification is displayed, following by, Document Type, Time Interval, Processed, Auction Identification and Sender/Receiver.

Users can download all documents as XMLs **Download** link. Data can also be sorted in grid table by all available columns.

USER PROFILE

On User Profile page, users can review information about their profile - username, user display name and associated party. Password last change time, password expiration time and change password options are also available.