# English Reverse Auction Use Case in SAP Ariba

**Description**

This use case outlines the process of conducting a reverse auction in SAP Ariba, where bidders compete to offer the lowest bid for a buyer's requirement.

**Actors**

* Primary Actor: Bidders
* Secondary Actor: SAP Ariba System

**Stakeholders**

* Buyer
* Bidders

**Preconditions**

* The auction is scheduled and configured in SAP Ariba by Buyer.
* Bidders are registered and have access to the auction event.

**Overtime Trigger**

* Last-Minute Bids: Overtime is triggered when a new bid is placed within the last 2 minutes of the scheduled auction end time.
* Bid Rank Impact: The rank of the bid that triggers overtime is significant because it changes the lead bidder status and prompts the system to extend the auction duration.

**Event Timing**

The auction is scheduled for 20 minutes, starting at 10:00 am and ending at 10:20 am. If a counterbid is placed within 2 minutes of closing, the system triggers overtime, adding an additional 2 minutes to the event.

**A screenshot of a computer

AI-generated content may be incorrect.**

**Steps**:

| **Time** | **User Actions** | **System Actions** |
| --- | --- | --- |
| **10:00 am** |  | The system is triggered on the schedule time and the auction is live. |
| **10:03 am** | Supplier 1 submits the first $100 bid. | Supplier 1 becomes the lead bidder. |
| **10:06 am** | Supplier 2 submits the first $99.70 bid. | Supplier 2 becomes the lead bidder. |
| **10:10 am** | Supplier 3 submits the first $98 bid. | Supplier 3 becomes the lead bidder. |
| **10:15 am** | Supplier 2 submits a subsequent $97.70 bid. | Supplier 2 becomes the lead bidder. |
| **10:19 am** | Supplier 3 submits a subsequent $97.49 bid. | Supplier 3's bid becomes the new lead bid, changing the bid rank and triggering overtime. |
| **(+) 2 minutes** |  | The system detects a new lead bid placed within 2 minutes of closing and triggers overtime, adding an additional 2 minutes to the auction. |
| **10:20 am** | Suppliers have an additional 2 minutes to place competitive bids. | The system continues to update the lead bidder status based on new bids. |
| **10:22 am** |  | The auction closes if no further competitive bids are placed during overtime. |

**Summary:** The reverse auction in SAP Ariba successfully concluded with Supplier 3 as the leading bidder at $97.49. The auction was extended by 2 minutes due to a new bid that changed the bid rank within the last 2 minutes of the scheduled end time, ensuring a competitive bidding environment.