Dutch Auction Code Analysis

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This logic will not work, as 'now' refers to the current block's timestamp. It does not update if being accessed in a loop. It will get stuck in an Infinite loop.

- 2. Same above issue in line no. 48 while (now biddingStart <
 biddingDuration && state == State.active) {}
 It will get stuck in Infinite loop.</pre>
- 3. Line number 44 while (state == State.active && offerPrice >=
 minPrice + priceDecrement) {

This can potentially go in an Infinite loop, if the priceDecrement is very less compared to offerPrice. It will consume a lot of gas, and get rejected with "Out of Gas" error.

4. In all event calls, we should mention 'emit' keyword. Example -

NewOfferPrice(offerPrice);

//Should change to

emit NewOfferPrice(offerPrice);

5. The logic of Dutch Auction is incorrect as per its definition.