

## **Golduck Custom Discount Smart Contract**

**Contract Overview: When user buy tokens at GOLDDUCK Custom Discount Contract, they get 10% more tokens as rewards than Pancakeswap**

- 1. We will supply some tokens to the Golduck Custom Discount Smart Contract.**

**When user buy the tokens, then the funds should be distributed in the following manner.**

**50% of the funds goes to Treasury, 25% goes to Rewards Pool, 25% Goes to Liquidity of GOLDDUCK OR Buyback tokens (whichever is good)**

- 2. When user buys the tokens, we will check discount type and based on discount type we will give the tokens to user wallet. There are two types of Discount Types, Base Price and Market Price. If we give Base Price in the configuration, then smart contract gives discount on Base Price. If discount type is Market Price, then it checks the current Pancake swap price.**

**For Example: Market Price: \$1, user wants to buy 500 Golduck tokens. We are giving 10% discount means  $\$500 \times 10\% = 50$  tokens. 50 tokens are bonus tokens. 500 tokens will be sent to user wallet instantly and the 50 bonus tokens will be reserved and released on vesting dates.**

**If user buys 500 tokens at Pancake, He will spend \$500 and getting 500 tokens. Whereas if he buy the same quantity of 500 tokens at Golduck Custom Discount, then user gets same tokens like Pancake instantly plus he will get additional 50 tokens which will be claimed later based on vesting date.**

- 3. MinTokens to Buy and MaxTokens to Buy Required in the configuration**
- 4. Each discounted tokens locked for 6 months and then after 6 months they can claim**

5. Referral is required in the configuration. We need to generate referral url based on user account address. For ex:  
<https://xxxx/refer/walletaddress>.
6. IsReferral required in the config. If IsReferral is True, then we ask referbonuspercentage and referbonustokenspercentage

If user buys tokens using the referral URL, then the referrer gets 10% of the BNB contributed + 10% of the purchased tokens sent to referrer wallet immediately

7. We need to fetch the number of referral a user referred, Amount he earned and tokens he earned for reporting purpose.

For reporting purpose, following info required after we pass bnb amount

Input: BNB Amount, Percentage

If we pass 0.1 bnb and 10% then how many tokens we get at Pancake and how many at our contract and what are the additional tokens user get it as bonus.

Output:

DEX : 500

CutomContract: 550

Bonus = 550-500 = 50