**Note: Gas Price is Wei per Gas**

**Transaction Fee = Gas Price \* Gas Used**

**1 Ether = 1018 Wei**

**Consortium Transaction Fees Estimation:**

According to: <https://www.leewayhertz.com/cost-of-blockchain-implementation/>

On private or consortium blockchains cost of deployment can range between 100-1000 USD.

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Description automatically generated

According to: <https://ethereum.org/en/enterprise/>

Text

Description automatically generated

**DEPLOYEMENT COSTS:**

**Supply Chain Contract:**

Transaction Fee: 0.00308898751Ether

Gas Price: 1500000009 Wei

Gas Used: 2059325 Gas

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**Transaction Bridge Contract:**

Transaction Fee: 0.001528923 Ether

Gas Price: 1500000009 Wei

Gas Used: 1019282

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**ABI COSTS:**

**Supply Chain Contract:**

add\_products:

Transaction Fee: 0.00004725 Ether

Gas Price: 1500000009 Wei

Gas Used: 31500 Gas

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change\_clothes:

Transaction Fee: 0.0000514965 Ether

Gas Price: 1500000009 Wei

Gas Used: 34331 Gas

Graphical user interface, text, application, email

Description automatically generated

buy\_product:

Transaction Fee: 0.000117831Ether

Gas Price: 1500000009 Wei

Gas Used: 78554 Gas

Graphical user interface, text, application, email

Description automatically generated

**Transaction Bridge Contract:**

create\_transaction:

Transaction Fee: 0.0001276725 Ether

Gas Price: 1500000009 Wei

Gas Used: 85115 Gas

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add\_items\_to\_transaction:

Transaction Fee: 0.0003230175 Ether

Gas Price: 1500000009 Wei

Gas Used: 215345 Gas

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confirm\_seller:

Transaction Fee: 0.0000693855 Ether

Gas Price: 1500000009 Wei

Gas Used: 46257 Gas

Graphical user interface, application

Description automatically generated

confirm\_buyer:

Transaction Fee: 0.000048366 Ether

Gas Price: 1500000009 Wei

Gas Used: 32244 Gas

Graphical user interface, text, application

Description automatically generated

pay\_transaction:

Transaction Fee: 0.000080118 Ether

Gas Price: 1500000009 Wei

Gas Used: 53412 Gas

Graphical user interface, application

Description automatically generated

**Bitcoin Testnet execution prices:**

Getting transaction information from:

<https://www.blockchain.com/btc-testnet/address/mhYd2xPs8opYrvPyZyihQTcSywxZvjifGu>

Transaction Fees per transfer of BTC:

0.00001122 BTC

Graphical user interface, application

Description automatically generated