

Version 1.1 / December 2018

To Dated:

The Director,

Master Capital Services Limited

1012, 10th Floor, Arunachal Building,

19, Barakhamba Road, New Delhi-110001

Sub:- Letter of Acceptance for availing Automated Trading Facility (ATF) &

Authorization cum Undertaking

Strategy/Product Name : Ankit Vishwakarma

UCC : Ankit Vishwakarma

1997-09-05

In reference to my/our request for availing Automated Trading Facility (ATF), I/We hereby acknowledge the receipt of the ATF (Product/Strategy) Note and Risk Disclosure Document. I/We have understood the risk associated with the Automated Trading Facility (ATF) and agree/ confirm & undertake as follows:

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That I/we desire to avail the trading facility on the exchange's platform through ATF, as provided by the member broker, out of my/our own volition and not at the instance of any person including the member broker or its employee(s) or any of its Authorized Person (AP) (including representatives thereof)

Ujjain Madhya Pradesh India

That ATF (Product/Strategy) Note, Risk Disclosure Document on Automated Trading Facility (ATF) have been provided to me/us by the Member Broker

which is attached as Schedule-I to the present letter and which I/we duly acknowledge having signed the same. I/we have read and understood all the contents of these documents and characteristics and functionality of the strategy and I/we am/are satisfied with the features and risk factor of Automated Trading Facility (ATF) as being provided by the Member Broker.

That I/we understand that by availing ATF facility, I/we would not be required to place any specific order at the platform of the Exchange rather all the trades in my/our trading account/UCC would be placed automatically by the system in accordance with the ATF Product/Strategy/Note which has been signed by me/us. As such Clause No 13 of Rights & Obligations of Stock Brokers, Authorised Person and Clients as prescribed by SEBI in case of normal trading relating to placing of orders in writing and/or keeping records in relation to placing of orders shall not be applicable to me/us so long as I/we are enjoying the aforesaid ATF facility. That I/we shall ensure availability of required deposits / funds for margin / settlement obligations, in respect of the trades effected through Automated Trading facility (ATF). I /We shall be responsible for all orders, including any order that may be executed without the required Margin in my/our account, under any circumstances. I /We shall also be responsible for any claims/loss/damage arising out of any reason including square off of all/some positions due to the non-availability/shortage of margin with/without any notice to me/us required by the Member Broker and /or exchange(s) and /or SEBI or any other regulatory authority. I/We agree to have disclaimed and waived off any right to disown the transactions/order executed by the Member Broker under the plea that same have been executed without adequate margin.

I/We understand that the Automated Trading (ATF) being offered by the Member Broker is available on the CTCL terminal which can be operated only through a dealer at office of the Member Broker/its AP. Therefore, in order to use the automated trading facility, I/we hereby give our/my consent to map my/our UCC with the dealer(s) of my/our introducing AP and of member broker and give consent to such dealers, whom my/our UCC is mapped in the CTCL terminal(s), placing and executing the trades/orders in my /our UCC using the ATF.

Signature Ankit Vishwakarma

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That I/we, hereby, authorize the dealer(s) to whom my/our code is mapped from time to time to act on my / our behalf for the purpose of Automated Trading Facility (ATF) for the above said purpose and I/ we do hereby agree and declare and confirm that all the acts and things done by him / her will be construed as if the same is done by me/us. That I/We also agree & undertake that I/we shall be solely responsible to deposit/maintain the necessary margin amount as per the requirement and shall keep myself/ourselves informed about the applicable margin & other requirements and maintain the same at all times.

That I/We further undertake to pay additional charges related to availing this Automated Trading Facility as may be communicated to me /us from time to time.

That I/We further understand & agree that for orders/transactions not executed, due to any reason including but not limited to time lag in execution of order, malfunctioning of the ATF product/strategy/ software, latency in the systems of the Member Broker/its AP or the Exchanges, disruption of any kind in the transmission of data, system

failure including failure of ancillary or associated systems , fluctuation of power, link failure between the AP and Member Broker , Member Broker and the Exchanges, virus/malware , delay/downtime, shutting down of systems by the Member Broker, any force majeure event or any inaccuracy or error or delay or insufficiency of any information for any reason, I/we shall not hold the Member Broker/AP liable.

That I/we understand that all representations and warranties under the present arrangement are clearly reflected in writing in the present letter of acceptance and all other documents as executed by me/us in favour of the Member Broker. I/we also understand that no employee, representative, , authorized person, agent or attorney or any other person acting in any capacity whatsoever, is authorized to make any oral/written commitment or representation for and on behalf of the Member Broker in any manner whatsoever. I/we shall not act on any such commitment made by any person whatsoever, if any. Any such commitment or representation shall not be binding on the Member Broker in any manner, whatsoever and if I/we act on any such commitment then I/we will not hold Member Broker responsible.

That I/we understand that all Electronic Contracts notes and bills/tax invoices containing the trade(s)executed and related information(“Trade Related Information”) shall be supplied to me/us by the Member Broker in electronic form at my/our registered email ID from the designated email ID of Member Broker i.e. backoffice@mastertrust.co.in and SMSs on my /our registered mobile number from automated system of the Member Broker. Further, I/we understand that I/we shall also receive trade related information through random service calls/

confirmations calls made from the designated land lines of the Member Broker. In case the said communication regarding Trade Related Information is not objected to by me/us by means of a written communication within 24 hours of receiving the same, the same shall be held applicable to me/us and the Member Broker shall be entitled to carry out trade in my/our account in accordance with the ATF/Strategy. That no employee, representative, authorized person, agent or attorney or any other person acting in any capacity whatsoever, is authorized to communicate Trade Related Information to me/us through his/her private mobile/landline number or through whatsapp, SMSs, emails, etc. Any such private communication between any such person and me/us shall not bind the Member Broker in any manner whatsoever.

That I/we shall be bound by restrictions on the facility including withdrawal of the service without notice for any reason including but not limited to change in parameters in order generation or their modification, securities / contracts permitted under the service, conditions under which further order generation in permitted securities / contracts is not allowed and any other terms and conditions which may be imposed from time to time by the member broker / Exchange / SEBI.

Signature _____

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That I/we hereby duly acknowledge & accept that by using Member Broker's ATF, there can be no guarantee of profit &/or no exception for losses while executing orders using the ATF. All trades are subject to market risks and are to my/our account and the Member Broker is not liable for the same for any reason whatsoever. It is clearly understood and

agreed to by me/us that no service/facility in the nature of portfolio management/ advisory services etc. are contemplated under Automated Trading Facility &/or other the agreement(s) between me/us and Member Broker. No person working for or under Member Broker including dealer, relationship manager, or authorized person is permitted to provide any services, facilities except that of order placement in trading system using Automated Trading Facility (ATF) as consented by me/us as above. If I/we accept any portfolio management services/advices/any kind of trading arrangements/ facility from any person including but not limited to dealer, relationship manager, or authorized person then in that event Member Broker shall in no way be responsible for the outcome of such services/facilities accepted by me/us and such arrangement if any between me/us and any person including the dealer , the relationship manager, or authorized person etc. shall be personal , mutual and private relationship between me/us and such person(s) including dealer, relationship manager, or authorized person and I/we shall have no recourse/right against Member Broker whatsoever either in law or equity for any such dealings.

That I/we shall be solely responsible for all the losses, damages or other costs and consequences arising in any manner to me/us pursuant to the use of the Automated Trading Facility (ATF) through dealer of Member Broker/AP and shall not hold the Exchange/Member broker or its AP responsible in any manner whatsoever.

That I/We shall also be liable for order(s) placed and executed in my/our trading account with above mentioned UCC by using ATF as per the terms and conditions contained in the KYC, Contract Between Member Broker & Client, Rights & Obligations of

Stock Brokers, Authorised Person & Clients, Risk Disclosure Document, Policy & Procedures, Guidance Note-Do's & Don't for trading, Standing Instructions/Authorizations and other documents (collectively referred as KYC and Other Trading Documents) executed with Member Broker from time to time and any amendments thereto, through notification or otherwise, for my/our trading account with Member Broker under the above referred UCC. I/we clearly understand that the terms and conditions contained in the present letter of acceptance are in addition to KYC and Other Trading Documents and all such documents and the present letter of acceptance shall be read together as a whole and in case of any conflict, the special conditions contained in the present letter of acceptance shall have the precedence over the general terms contained in any other document in relation to any dispute where trading has been carried out under ATF facility..

That I/We agree to indemnify Member Broker and keep Member Broker indemnified against all losses, damages and actions which Member Broker may suffer or face as a consequence of adhering to and carrying out transactions through ATF or otherwise in my/our said UCC.

I/We have read & understood the above mentioned clauses, strategy/product note, risk associated with Automated Trading Facility (ATF) and given my/our acceptance as per my/our own volition. I am/we are aware that I /we can revoke this undertaking at any time by giving notice in writing by Registered Post to The Director, Master Capital Services Ltd., 1012, 10th Floor, Arunachal Building, 19, Barakhamba Road, New Delhi - 110001, subject to clearance/discharge of my/our financial and other obligations towards the Member broker/its AP arising out of trades in my/our said UCC executed

using ATF till end of the day of receipt of my/our withdrawal letter by Member Broker.

Thanking you,

Yours faithfully

Signature _____

Client Name _____

Greek Soft Technologies Pvt. Ltd.

GATS

BOX / 4 Leg Strategy Order

GreekSoft Technologies Pvt. Ltd.

507, 5th Floor, Western Edge - 1,

Western Express Highway,

Borivali (East), Mumbai - 400 066.

Greek Soft Technologies Pvt. Ltd.

Proprietary Notice

This document contains confidential information of GreekSoft Technologies Pvt. Ltd., which is

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information in confidence and to not reproduce or otherwise disclose this information to any

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Greek Soft Technologies Pvt. Ltd.

Introduction:

This document gives overview of the working of Box Strategy product. Automated Arbitrage

allows for order to be submitted to the FUTURE & OPTION

SEGMENT without requiring user intervention for their submission. The orders will be generated on satisfying the conditions set by user for the same.

The Box strategy is constructing of 4 leg order in option.

1. Buy call strike 1 , Sell put strike 1 , Sell call strike 2 , Buy put strike 2

2. Sell call strike 1 , Buy put strike 1 , Buy call strike 2 , Sell put strike 2

The GETS Box Strategy involves order submission algorithm mentioned below:

Opportunity Base: In opportunity base, the price difference between the scrip is calculated and whenever there is an opportunity the system will place a two leg order or three leg order, upon receiving their trade, remaining will be generate as a normal order.

Quote Base: In Quote based algorithm a first order will be generated on receiving broadcast.

Upon receiving the trades of first order, remaining three orders will be submitted to the exchange.

In Quote Base and Opportunity Based on receiving first order trade, remaining order's will generate as a limit order if these remaining orders will not executed completely within user entered timer then order's will modified to market order.

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Arbitrage Login:

First User need go to Arbitrage -> select Login -> sub menu

Option's Order Setting -> select

BOX Strategy Login (Alt+X) or user can use short cut key from keyboard press Alt+X.

Login Screen:

Client ID to log in is given by default (the same of Client Login Id) and user of the arbitrage must be the same.

After clicking Login button, it will display Index Limit Setting

window as shown below. First, User must have to set the Index Limits for the Arbitrage type. Then it will ask for the previous parameter settings i.e. to delete previous settings or not.

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Index Limits:

User needs to specify lower and upper Index Limits for Index i.e. S&P Nifty in percentage in Index limit form. If the fluctuation in the index is beyond the set limits, automated orders are blocks and the user is intimated the same. Press Add button and then go for OK button.

Banned Scrip Check List:

After Index Limits dialog user will be shown dialog for Banned Scrip Check List. This dialog has an option to upload file consisting banned scrip by NSE. The file in .CSV format will be downloaded by user from site of NSE. This dialog will show the scrip banned for trading. The banned scrip will not be shown on settings window so as not to allow user to perform trade on them.

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RBI Violation Check for Foreign Institutional Investors (FII):
RBI (Reserve Bank of India) publishes check list for Scrip that are not allowed to trade for FII (Foreign Institutional Investors) beyond specified limit. This check is performed immediately after banned scrip check list. The user selects the banned scrip for FII's from the given drop down box. The selected scrip will not be shown in settings window for FII clients. The user can save this scrip in file (.txt) for further reference using Save File option. This file can be loaded using Load File option

Market Wide Open Position Limit Check:

The open position for all the scrip settings is monitored regularly. If open position exceeds for

certain scrip then an alert message will be shown to the user. Also trading will stop for that particular scrip if it exceeds the pre specified limit as set by NSE from time to time.

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Box Strategy:

The Box strategy is constructing of 4 leg order in NSE Derivative Segment (Options)

User can add maximum 4 tokens.

The number of maximum orders submitted is parallel to its lease line capacity orders.

Only First Order is quote or IOC on receiving trade remaining order generates as normal order at recalculated price.

The user has to select the symbol, first option order, second option order, Third Option order, &

Fourth option order buy/sell for each order. For Quote Based, he has to select the Base order.

Once the user clicks on 'Add' button, order details added to database and get displayed on grid.

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Following are the input parameters which have to be filled by the user for respective order.

Order Quantity : Max Quantity to be placed per opportunity

Total Quantity : Total Quantity to be done for the specified side

Difference : Expected absolute difference between four strike

CLI/PRO : Respective Client or PRO to be selected

Pending Order First conditions include Depth Upto which denotes the market depth level and

Threshold quantity percentage indicates the quantity availability in market depth.

Remaining Pending Orders condition include Time which denotes the interval after which

pending orders will be modified; Market Order Upto denotes the pending order modification

price range; Best Ask/Bid denotes the number of modifications of the pending order.

Here Quantity should be multiple of Board Lot Quantity and

Spread is in terms of absolute difference.

The system allows the user to execute the following strategies:

1. Buy call strike 1 , Sell put strike 1 , Sell call strike 2 , Buy put strike 2
2. Sell call strike 1 , Buy put strike 1 , Buy call strike 2 , Sell put strike 2

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All input parameters are explained below:

Strategy Type : Box Strategy / 4 LEGS Order

Exchange : NSE

PRO/CLI : Pro ID or Client ID

Order Type : Quote/ 2-Leg (for Opportunity)

Symbol : Symbols listed on NSE with respect to instrument selected

Option Fields

First Option Order : (L-1)

Second Option Order : (L-2)

Third Option Order : (L-3)

Fourth Option Order : (L-4)

Expiry Date : Derivative Expiry Date

Strike : Exchange Available Strike Price for the Instrument.

Option Type : CE or PE

Order Type : Buy or Sell

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Total Qty : Total No. of Lots to be executed

Order Qty : No. of Lots per order

First Order Price

Price Diff : Desired Difference in Rupee terms

Bidding : Amount by which the order price will be made better.

Time : Applicable for the counter order

Abs% : Mentioned percentage is reached then remaining orders will be triggered.

Against Order Parameter – Price Type

Market : Submit the against order as Limit order with price as LTP, upon

receiving the trades of first order

Best Bid / Ask : Submit the against order at Best Bid / Ask

Price, upon receiving the trades of first order

Best Buy/Sell : Submit the against order at best buyer / seller price, upon receiving the trades of first order

Actual Diff : Submit against order at the actual difference set by the user, considering the avg. trade price of counter order.

Market Order Upto : Denotes the amount by extent to which the order price generation will be made better than the last generated order price.

Mod Ord : Tick size for against order (for Best Buyer / Seller)

Timer : Denotes the time interval within which pending orders will be modified.

Mod count : Denotes the number of modifications for the pending order.

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Add : Adds the new arbitrage opportunity setting to the arbitrage Grid

Update : Modifies any previously added settings to the arbitrage Grid

Remove : Removes any previously added settings from the arbitrage Grid

Clear All : Removes all arbitrage settings from the arbitrage Grid

Save File : This facilitates the user to create and save the order file

Load File : This facilitates the user to load the saved order file.

Start All : Starts calculating the opportunity and submission of the all orders

Stop All : Stops calculating the opportunity. Calling this will cancel all pending orders from order book

Start : Starts calculating the opportunity and submission of the orders

Stop : Stops calculating the opportunity. Calling this will cancel all pending orders from order book operated by the arbitrage module

Hide : Hide the active strategy window

Settings on Dialogue window:

The user can modify the previously added settings using the Update button provided on. The

scrip setting to be modified is selected from below grid.

Modification can be done on only selected fields.

If the user wants to stop placing of orders in any of the symbol during execution, he/she can

Block (Both Sides) by deleting the settings for the same.

Two Leg Spread: Quote/Opportunity Arbitrage is a backend process. Server starts

calculation of Price Difference (Box) for the symbols for which the parameters are set by user

from the strategy dialog.

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Box Strategy:

For Example:

Buy NIFTY Expiry 26MAR2015 strike 8700 CE

Sell NIFTY Expiry 26MAR2015 strike 8700 PE

Sell NIFTY Expiry 26MAR2015 strike 8800 CE

Buy NIFTY Expiry 26MAR2015 strike 8800 PE

With difference of Rs. 1.50 for 1 lot.

Then he needs to input Price Difference as 1.50, Order Quantity as multiple of 25 and Total

Quantity as 1000 and Order Type as QUOTE.

Upon clicking start control button, it will place first order to Buy NIFTY expiry 26MAR2015

strike 8700 CE and after receiving trades, Sell NIFTY expiry 26MAR2015 strike 8700 PE, Sell

NIFTY expiry 26MAR2015 strike 8800 CE, Buy NIFTY expiry 26MAR2015 strike 8800 PE

orders will be placed.

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4 LEGS Box Strategy:

For Example:

Buy NIFTY Expiry 26MAR2015 strike 8700 CE

Sell NIFTY Expiry 26MAR2015 strike 8800 PE

Sell NIFTY Expiry 26MAR2015 strike 8900 CE

Buy NIFTY Expiry 26MAR2015 strike 9000 PE

With difference of Rs. -205 for 1 lot.

Then he needs to input Price Difference as -205, Order Quantity as multiple of 25 and Total

Quantity as 500 and Order Type as QUOTE.

Upon clicking start control button, it will place first order to

Buy NIFTY expiry 26MAR2015

strike 8700 CE and after receiving trades, Sell NIFTY expiry 26MAR2015 strike 8800 PE, Sell

NIFTY expiry 26MAR2015 strike 8900 CE, Buy NIFTY expiry 26MAR2015 strike 9000 PE

orders will be placed.

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Once the user clicks on 'Add' button, order details added to database and get displayed on grid.

The Order Price generation for Counter/Against Order will be within the DPR criteria, and any

order price generation violating the DPR levels will be restricted by the Algo. Single Order Qty

generation beyond the Exchange defined Criteria will be restricted by the Algo.

Arbitrage Tracker :

User can view their trades' difference execution from Arbitrage - Arbitrage Tracker

Or

After rights click on Arbitrage tracker, User check message list, Trades and Arbitrage Grid (Rule details) (Shift+A).

RISK DISCLOSURE DOCUMENT PERTAINING TO AUTOMATED TRADING FACILITY

1. The Client is fully aware of and understands the risks associated with availing of a service for routing orders over the Automated Trading Facility ("ALGO" or "ATS" or "ATF" by whatsoever name called) and

Client shall be fully liable and responsible for any and all acts done in this regard in any manner whatsoever.

2. The client is aware that trading over Automated Trading Facility involves many uncertain factors and complex hardware, software, systems, communication lines, peripherals, etc. which are susceptible to interruptions or dislocations or errors/failures. The Member Broker and/or the Exchange(s) do not make any representation or warranty that the Member broker's ATS/ALGO/ATF will be available to the Client at all times without any interruption/fault.

3. The client should carefully consider whether such Member Broker's ATS/ALGO/ATF is suitable for the client in the light of his/her financial condition or otherwise. In case client trades and suffers adverse consequences or loss, client shall be solely responsible for the same and Member Broker/Exchanges/ and/or SEBI shall not be responsible, in any manner whatsoever, for the same. The Client shall be solely responsible for the consequences and no contract can be rescinded on this account. The Client is hereby informed and he/she/it duly acknowledges and accepts by using the Member Broker's ATS/ALGO/ATF that there can be no guarantee of profits or no exception from losses while executing orders by using the ATS/ALGO/ATF. All trades are subject to market risk and are to the account of the client.

4. High volume trading will frequently occur at the market opening and before market close. Such high volumes may also occur at any point in the day. These may cause delays in order execution or confirmation.

5. Member Broker's ATS/ALGO/ATF is in electronic mode, based on satellite / leased line based communications, combination of technologies and computer systems to place and route orders. Thus, there exists a possibility of communication failure or system problems or slow or delayed response from system or trading halt, or any such other problem/glitch whereby not being able to establish access to

the trading system/network, which may be beyond control of the Member Broker and may result in delay in processing or not processing buy or sell orders either in part or in full. Client is cautioned to note that although these problems may be temporary in nature, but when client has outstanding open positions or unexecuted orders, these represent a risk because of the Client's obligations to settle all executed transactions.

6. The Client shall not have any claim against the Exchange(s) or the Member Broker on account of any suspension, interruption, non-availability or malfunctioning of the Member Broker's ATS/ALGO/ATF or Service or the Exchanges' service or systems or non-execution of his/her/its orders due to any reason including link/system failure at the Client/Member Broker/Exchange end.

7. The Client shall comply with all requirements applicable to ATS/ALGO/ATF as may be specified by SEBI/Exchange(s) & the Member broker from time to time including the requirement of deposit/maintenance of applicable margin &/or settlement obligation, if any, at all the time failing which the outstanding position may be squared off without further notice.

8. The Exchange(s) have put in place penalties for high order to trade ratio of ATS/ALGO/ATF orders and the client acknowledges that he/she/it shall be liable for same to the extent such penalties are caused by the Client. The decision of the Member Broker in this regard shall be final and binding on the Client.

9. Due to the nature of the ATF products, it is not possible for the member broker to keep a record of order placement and if the client chooses to avail the ATS/ALGO/ATF, he/ she/it shall be deemed to have disclaimed and waived any right to dispute regarding as to whether or not the orders/instruction were placed by the client &/or the orders/instruction were entered

with express directions/authorization of the client in writing.

10. The ATS/ALGO/ATF shall be subject to the the rules, regulations & byelaws of the Exchange(s)/SEBI and the other terms & conditions of the member broker as may be applicable from time to time with respect to the Alogorithm Trading.

11. The various risks, mentioned herein above, are in addition to the risks mentioned in the Risk Disclosure Document prescribed by SEBI given to the client as part of KYC at the time of the opening of the client's account with Trading Member.

I/We have read & understood this document and signed at my/our own volition.

Signature

.....

Client Name

.....

UCC :.....