Brick & Bolt Home Construction Simplified

Bengaluru | Delhi NCR | Chennai | Hyderabad | Pune | Mysuru

Abhishek (CRN274741)

Date: 20-05-2024



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Specification and Cost for CRN274741

Overall Cost

ltem	Amount
Initial Cost	INR 16663098.00/-
Your Savings (Discount)	INR 276490.80/-
Final Cost	INR 16386607.20/-

Construction Details

Plot Area = 2145.0

Basement = 1000 sq.ft

Stilt Floor => 1230 sq.ft (Car Parking) + 487 sq.ft (1 unit of bedroom + bath + Staircase+ P. Room)

Duplex - 1st Floor => 1690 sq.ft (bedrooms with attached bath+ kitchen+ dining area+ drawing area+ living area+ powder room + Pooja Room) + 211.0 sq.ft (Front and Rear balcony)

Duplex - 2nd Floor => 1431 sq.ft (bedrooms with attached bath+ 1 Kids room+ 1 common bath+ Drawing area+ Couch Area) + 211.0 sq.ft (Front and Rear balcony)

3rd Floor =>1690 sq.ft (bedrooms with Bath + living area + Kitchen) + 211.0 sq.ft (Front and Rear balcony)

Mumty=> 124 sq.ft

Package Built Up Area = 5298 sq.ft

Total Built Up Area = 8285 sq.ft

Changes in the floor built up area will change the project cost.

Total Cost Breakup

ltem	Rate	Quantity	Cost(INR)
Ground Floor + 1st Floor + 2nd Floor + 3rd Floor Specification - Budget Package	1720.0 per sqft	5298.0 sqft	9,112,560.00
Extra Main Door – 3rd Floor	10000.0 per unit	1	10000.00
(V) Kitchen Cabinets - High Gloss Laminate (Rose)	1460 per sqft	96	140160.00
Main Gate	500 per sqft	150	75000.00
(V)False Celling -POP	130 per sqft	3132	407160.00
(V)False Celling	90 per sqft	1000	90000.00
(V) Wardrobe-Matt	1420 per sqft	280	397600.00
(V)Rain Water Harvesting	25000 per unit	1	25000.00
(U) CCTV- CP Plus	40000 per unit	1	40000.00
(V) Wifi Wiring	10000 per lumpsum	1	10000.00
Front Elevation (Wallet, as per actuals)	400000 per unit	1	400000.00
(A)Bathroom Fittings	20000 per unit	5	100000.00

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(V) Home automation wallet	500000 per lumpsum	1	500000.00
(V) Letter Box Wallet	5000 per unit	1	5000.00
(V) Washroom Vanity	10000 per unit	5	50000.00
(V) Inverter & Solar Provision	10000 per floor	1	10000.00
(V) Upgradation of Switches and Sockets from Anchor Roma to GM Legrand	11000 per floor	1	11000.00
(V)TV Panel	20000 per unit	5	100000.00
(V) Main Door-Budget	20000 per unit	2	40000.00
(V) Electric Sub Meter	800 per floor	6	4800.00
Balcony/Parking - 60% of Rs.1720	1032 per sqft	633	653256.00
Balcony/Parking - 60% of Rs.1720	1032 per sqft	981	1012392.00
(V) Ceiling Height	60 per sqft	3507	210420.00
Italian Marble (Worth Rs. 300/sq.ft. + Laying @ Rs.150/sq.ft.)	400 per sqft	600	240000.00
Compound Wall	1060 per rft	30	31800.00
Upgrade to SS Railing with toughened glass for balcony and staircase	600 per sqft	173	103800.00

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(V)Upgrade: Aluminium to UPVC Windows worth Rs 450/- sq ft	150 per sqft	250	37500.00
(V) OVER HEAD TANK PER LT	9 per litre	2000	18000.00
Basement With RCC Retaining Wall - Slab, Tiling, Paint and Electrical Points.	2340 per sqft	1000	2340000.00
UPVC Sliding Doors -450 per sqft	450 per sqft	271	121950.00
(V) Room Doors- Budget	8000 per unit	4	32000.00
Slab Projection	800 per sqft	164	131200.00
(V) Set Back Tiles inc Installation	130 per sqft	246	31980.00
Balcony/ parking/ Cutout -1086 CRN293336	1086 per sqft	20	21720.00
(V) Mumty	1200 per sqft	124	148800.00
Your Savings (Discount)			276490.80
Total Cost			16663098.00

Your Savings Breakup

ltem	Rate	Quantity	Cost(INR)
Discount			276490
Your Savings			276490

Ground Floor + 1st Floor + 2nd Floor + 3rd Floor Specification

Package Name	Budget Package for Turnkey House construction in NCR-Noida
Package Rate	INR 1720.0 per sqft
Package Built-up Area	5298.0 sqft



Designs & Drawings

- 3D Elevation
- All the designs will be provided in non editable PDF format
- Architectural Layout | 2D
- Basic Elevation
- Only External 3D views as visible from the adjacent roads will be provided
- Structural Design



Structure

- Ambuja, Shree cement or equivalent Price are INR 360/Bag.

- "Blockwork Masonry in Standard Solid Concrete Blocks with Plaster as per the design 4"" for internal Partitions and 6"" for External Walls .

6 inch for Exterior Walls is assumed at INR 45 (+/-5rs) per Block & 4 inch for Interior Walls is assumed at INR 40 (+/-5rs) per Block"

- Cement - Ambuja, Shree cement or equivalent 43 or 53 grade

- Chicken mesh shall be used near beam, column and masonry wall junction and at the Chasing for Electrical Conduits

- Curing compound of Sika Antisol/ equivalent brand shall be used in the external plastering.

 For constrained sites where excavated soil cannot be stored and needs to be carted out to make way for construction, soil for refilling shall be charged additional. Additional charge=
 Rs1250 per tractor load (upto 5km lead)

- Height of each floor shall be 10'0" from Finished Floor level to Finished Floor level

- In case of rocky terrains, excavation cost shall be charged extra for foundation, sump, soak pit and other excavation at Rs. 35 per cubic feet

- In case the Site level is more than 6" below the Road level, additional filling charges will be applicable at INR 48,000 for 1' for a 30'X40' plot size and prorated thereafter

- Internal Plastering(1:5 cement mortar), external plastering (1:5 cement mortar), and ceiling plastering (1:4 cement mortar) shall be done. The thickness of the internal plaster shall be 15mm and external plaster shall be 12mm + 8mm (applied in 2 coats)

- Lintels shall be provided only over openings with bearing of 6" into the edge of the openings. For providing concrete band all around, additional Charges shall be applicable.

- M-Sand shall be used for Masonry and P-Sand shall be used for Plastering

- RCC Framed Structure in M-25 grade Concrete in 20mm & 40mm Aggregates or as advised in the RCC Design Mix as per the Structural designer. Masonry Partitions shall be Provided.

- Rathi Steel Price are INR 65000/MT.. Kamdhenu Steel Price are INR 65000/MT or equivalent

- Steel - Rathi , Kamdhenu or equivalent

Steel in the package is assumed at 3.3kg per sft(Any steel quantity over and above this will be chargeable as per actuals based on the recommendations provided by the Structural designer)
The Foundation has been assumed as Isolated footings in regular Soil of Bearing Capacity 180kN/m^2 and above and upto a depth of 5 feet. For soil conditions requiring specialised foundation design or/and additonal depth of excavation over and above 5 feet, additional charges will be applicable. For every 1feet of additional excavation, INR 35/sqft will be charged for entire site area.

- The Plinth level will be Provided at a height of 1 feet and 6 inches above the existing Ground Level. PCC of 100mm shall be Provided at the Plinth Level below the Ground floor Flooring. Any increase in height of the Plinth thereafter shall be chargeable at INR 48,000 and size stone masonry at Rs. 160/cu.ft. will be charged for raising plinth height by 1ft and prorated thereafter. SSM below the plinth beam is chargeable additional at Rs 160 per CFT

- Water proofing shall be done in the terrace slab, all washrooms and balconies using Fosroc /

Dr Fixit Brushbond or equivalent brands.

- Weather proof course shall be provided at terrace of Dr. Fixit brand or equivalent.



- A Bib Cock of Jaguar or equivalent make shall be provided in the Utility Area
- Any Other Faucet & Accessories ISI Marked
- Ceramic Wall Tiles (2 feet above kitchen slab) Upto Rs.40 per Sqft
- Ceramic wall tiles will be provided upto 2'-0" above the Kitchen Counter top of upto INR 40 per Sft
- For every one dwelling unit one kitchen of size upto 80 sft is included. Additional dwelling units and larger kitchens shall be charged at a Pro-rata basis
- Kitchen Sink Stainless Steel Single Sink worth Rs.3000
- Kitchen counter top of width, 2'-O" in 18mm Granite of upto INR 120 per Sft is included.
- Double layer nosing at the edge in the front has been included along with polishing
- Main Sink Faucet Upto Rs.1300
- Provision of Exhaust Fan is included
- Provision shall be made for One inlet and One Outlet for Washing Machine in the Utility/Dry
- Balcony or as per Design
- Provision shall be made for One inlet near Kitchen Sink for the Water Purifier or as per Design

- Single bowl Stainless Steel Kitchen Sink of - upto Rs 3000 shall be provided. Kitchen faucet of upto INR 1300 along with accessories of Parryware/Hindware/Jaquar or equivalent make shall be provided



Bathroom

- Bathroom Ceramic Wall Tiles upto 7'-0" height Upto Rs.40 per Sqft
- Bathroom Flooring Anti-skid Tiles of value upto Rs.40/- per sqft
- Bathroom doors Waterproof flush doors

- CPVC Pipe - Astral or equivalent

- Ceramic wall tiles will be provided upto 7'-0" above the Finished Floor Level of - upto INR 40 per Sft

- External pipes shall be fixed on raised clamps

- Gratings shall be sealed with polymeric cement grout of Roff/ Weber/ equivalent brands

- One bathroom is included per 500 sft of package built up area. Additional bathrooms will be charged on a Pro-rata basis

- Provision of Exhaust Fan is included
- Sanitary ware & CP Fittings Upto Rs.30000 per 1000 sqft of construction

- Sanitary ware and CP fittings of - upto INR 30,000 are included per 1000 sft of Package Built Up area. Additional Sanitary Ware and CP Fittings will be charged on a Pro-Rata Basis. One number EWC, Health Faucet, Wash Basin, Basin Mixer, Overhead Shower with 2 in 1 Shower wall Mixer of Jaquar/Hindware/Parryware make is included. Plumbing shall be carried out in CPVC Pipes of Astral or Equivalent Make

- Sewer line connection to the main drain line is included in the package up to 10 feet from the building

- Spacer joints shall be provided in the floor tiles and the wall dado tiles. Grouting shall be of polymeric cement grout of Roff/ Weber/ equivalent brands

Two nos. of 6 inches rainwater discharge pipes shall be provided per 1000 sqft of plot area.
 Additional Rain Water Pipes will be charged on a Pro-rata basis



Doors & Windows

- 1 Main door shall be provided per 1000sft-1500sft package built up area.

- 1 Main door shall be provided per dwelling unit. The main door shall be 32mm thick of Size 3'6"X7' of - upto Rs 13,000 including frame in African Teak or equivalent. The frame thickness will be 3"X5". The Main door price includes 2 numbers brass tower bolts, 3 brass hinges, Lock of upto Rs.1500 of Europa/Godrej make and 1 Wall mounted Magnetic Door Stopper

- Bathroom Doors shall be 32mm thick Waterproof Flush doors of Size 2'6"X8' of - upto Rs 6000 including frame in wood. The frame thickness will be 2.5"X4". The price includes 2 numbers

MS/Aluminium tower bolts, 3 MS hinges and 1 Wall mounted Magnetic Door Stopper

- Chajjas shall be provided for all Windows with 1 feet outward projection and 6 inch bearing on each side of the window

Internal Doors shall be 32mm thick Membrane/Flush doors of Size 3'0"X8' of - upto Rs 8,000
 including frame in Wood. The frame thickness will be 2.5"X4". The price includes 2 numbers
 MS/Aluminium tower bolts, 3 MS hinges and 1 Wall mounted Magnetic Door Stopper

- Main Door - Flush Door With Veneer. wood frame of 5 inch by 3 inch, worth Rs.13000 including fixtures

- Maximum 1 Bedroom door and 1 Bathroom door shall be provided for 500 sft of package built up area. Additional doors shall be provided only in the incremental step of 500sft of package built up area. No intermediate doors are included.

- The timber used for windows or doors/door frames shall be well seasoned and free from knots, warps, sap, cracks, and other defects. All joints should be strong, accurately fitted, and glued. All sal wood works shall be provided with two coats of paint

- The total area of opening for windows and ventilators including frames is assumed as 10% of the package built up area

- Window Grills of upto INR 130 per Sqft shall be provided of 10mm thick MS rods with maximum spacing 125mm between rods in either direction

- Windows - Aluminium Windows with glass shutters and mesh shutters(3 track with 1 mesh)

- Windows shall be 3 Track Aluminium of guage 92mm of make Apollo of - Rs. 300 per sft with 2 Glass and 1 mesh shutters, including all fixtures and fittings



- All MS Steel grills and railings shall be painted with an anti corrosion coat with a final coat of Enamel Paint

- Exterior Painting - Asian Primer + Ace Exterior Emulsion Paint or equivalent

- Interior Painting - JK Putty + Tractor Emulsion or equivalent

- The exteriors will be painted with one coat Asian Primer and two coats of Ace Exterior

Emulsion paint or equivalent

The interior walls and Ceiling shall be painted with 2 coats JK Putty, 1 Coat of Primer and 2
 coats - Tractor Emulsion or equivalent. The choice of colours is restricted to upto 2 in a room
 and upto 6 overall. Any additional colours will be chargeable



Flooring

- Additional charges for laying Granite shall be INR 18 per sq.ft. Additional charges of INR 30 per running ft for buffing or chamfering/nosing if applicable

- Additional charges shall be applicable for laying Indian marble of upto INR 70 per sft

- Additional charges shall be applicable for laying Italian marble of upto INR 70 per sft. Over and above the laying charges, an additional chemical treatment charge of INR 30 per sft shall be applicable

- Balconies and open areas shall be in Anti-skid tiles of - upto INR 40 per sft. Terrace tiles shall be additionally charged

- Ceramic tiles for walls shall be free from cracks, spots, grazes, chipped edges and corners. Variation in size shall be limited to +/- 1.5 mm. Thickness shall be as specified, but in no case shall they be less than 6 mm

- Flooring/dado/skirting must be laid level/to plumb

- Granite if used shall be hard, sound, free from cracks, cavities, holes, patches of injurious veins, weathered portions, flaws, etc. Granite used should have a minimum thickness of 19 mm

- Grouting for tiles in the Balconies, terrace (if opted) shall be done with polymeric cement grout of Roff/ Weber/ equivalent brands

- Labour charges for cutting, laying, polishing, nosing, chamfering of granite shall be extra

- Labour charges for laying of tiles shall be extra if tile of size greater than 2ft by 2ft are used

- Living and Dining room flooring shall be in 2'X2' Vitrified Tiles or Granite of - upto INR 50 per sft

- Other Rooms and Kitchen flooring shall be in 2'X2' Vitrified Tiles or Granite of - upto INR 50 per sft

- Parking area flooring shall be in Anti-skid tiles of - upto INR 40 per sft

- Plinth protection upto two feet wide is included in the package
- Skirting shall be of matching Vitrified Tiles or Granite not less than 75mm high

- Staircase flooring shall be in Sadderahalli Granite of upto INR 70 per sft
- The following Quality standards and inclusions/exclusions shall be made note of and must be taken care of at the time of execution
- Wall dado will be in 18"X12" ceramic tiles of upto INR 40 per sft
- Wall tiles shall be fixed with tile adhesive. Joints shall be cleaned thoroughly and grouted with site made grout cement grout of Roff/ Weber/ equivalent brands



Electrical

- 1 number calling bell shall be provided. More call bell points per dwelling Unit shall be charged additionally

- 1 number light point each shall be provided with a two way switch connection for each room, living room and staircase

- All switches and sockets shall be provided of Anchor Roma make or equivalent
- All wiring shall be done with fire proof wires of Finolex or equivalent make
- Bathroom shall be provided with 2 numbers of light point, 1 number of geyser point, 1 number of 5Amp Switch and Socket near the wash basin
- Corridor/passage/portico/parking/utility/terrace/external stairs/balcony/space around house/any other built up area shall be provided with 5 numbers light points and 5 numbers
 5Amp switches and sockets at suitable locations per 1000 sqft of package built up area
- Kitchen shall be provided with 2 numbers of light points, 5 numbers of 5/15Amp (as the case may be based on Appliance Specifications) switch and socket one each for refrigerator, mixer/grinder, oven, water purifier and one above the Kitchen platform
- Living/Dining/Family Room shall be provided with 2 numbers fan Point, 4 numbers Light Point,
 4 numbers 5Amp Switch and Sockets and 1 number TV Cable Point
- Main panel board shall be in the Owner's scope including road cutting charges and main-line from pole to panel board
- One MCB board of Anchor/Finolex or equivalent make shall be provided
- One earthing pit shall be provided for one dwelling unit per 1000 sft of package built up area
- Other Rooms shall be provided with 3 numbers of light points, 1 number of fan point, 4

numbers of 5Amp switch and socket in the TV/Study or dresser area as the case may be as per design and 1 number 16Ampswitch and socket for air conditioning

- Switches & Sockets Anchor Roma
- The electrical points shall be provided as per the following distribution
- Wires Fireproof wires by Finolex
- Wiring for UPS is included in package

Miscellaneous

- A Septic tank in blockwork, if applicable shall be charged at INR 13/L. For RCC septic tank additional charges INR23/L shall be applicable

- A Sintex Double layered overhead tank of - 1000L shall be provided. An Additional capacity shall be chargeable at INR 9 per L. Platform for the OHT shall be charged additional based on the design and specifications

- A simple pattern Staircase Railing shall be in MS of - upto Rs. 150 per sqft for material, painting, welding, fixing, and finishing. For every 1000 sq ft package built up area, upto 10% will be considered for staircase railing.

- Additional Lofts may be provided at a charge of - INR 350 per sft

- An Underground sump of - 4000L shall be provided with Concrete block masonry. PCC bed concrete of minimum 125mm thickness shall be provided at the base. The inside of the wall shall be provided with chicken mesh plastering. MS cover plate of dimension 600 mm x 600 mm shall be provided. Water Proofing chemical be applied to mortar for plastering. Additional capacity of Underground Sump tank shall be charged at INR 9 per L. RCC Underground sump shall be charged at INR 18 per L over and above the base cost

- Antitermite treatment is included in the package

- Balcony and Utility railings along with the Terrace parapet railings if opted for shall be charged additional at - upto 150 per sft for material, painting, welding, fixing, and finishing. More complex patterns shall be chargeable as per the design

- Barrication around the site during construction in simple shade net is included. Additional charges shall apply for any other kind of barrication

- Compound Wall shall be charged additional. If required additional, the compound wall shall be in solid cement block masonry with 5 feet height from the ground level and 115 mm in thickness. Buttress/columns shall be provided for every 10 feet length of the compound. Expansion joints may be provided wherever necessary. The compound wall shall be constructed on size stone masonry foundation of minimum thickness 450mm and minimum depth 2 feet. The foundation shall be laid on compacted hard soil. Bed concrete of minimum thickness 80mm shall be provided below the foundation. Compound wall shall be plastered and painted as per the plastering and painting specifications

- Elevation of the building on all sides shall include basic plastering and external painting with no cladding/ grooves/ cuts/ projections or any other aesthetic elements like cladding, pergola, etc

- External Drain cover (100mm) cost Rs 300 per sq.ft using Natural Stone

- Gates shall be charged additional. If required additional, a Mild Steel Main gate shall be provided with Mild Steel Posts as per approved design and dimensions. Minimum two number of hinges per Gate shutter and one number bottom and top latch shall be provided

- In case of external staircase, headroom is not part of the standard package. Headroom is chargeable at par with package built-up area

- Overhead Tank - Sintex Double Layered 1000 ltrs

- Parapet wall shall be in Blockwork and shall be provided to a height of 3 feet and 150mm thickness. Buttresses shall be provided at every 10 feet of length

- Puja Room shall be charged additional based on the specifications. A Puja room Door if applicable shall be charged additional at - INR 13000 per door

- Rain water harvesting is additional and shall be provided as per Muncipal norms at - INR 25,000

- SSM below plinth is not part of package

- Staircase Railing - MS Railing

- Underground Sump - 4000 litres

- Wherever an External staircase is provided, the staircase headroom is charged additional at par with package built-up area

- Window Grills - Basic MS Grill with enamel Paint at Rs. 130 per Sqft

- The package includes the cost for a single staircase, additional internal staircase for Duplex or external staircase with headrooms will be provided at an extra cost

Customisation Costs

 All construction work comes with a one-year warranty limited to 1% of the Contract value. The date of start of warranty is the date of project completion including snags as entered in the 'Hand Over Letter'

- All rates are inclusive of GST

- Any work additional to the scope mentioned above shall be chargeable. Wherever such additional work is not described in this contract shall be quoted by the Contractor in writing and accepted by the Owner in writing. In case there's a difference in opinion of the correctness of the quote provided by the contractor, the Consultant's decision shall be final

- SSM below plinth is not part of package

- Wherever the word Equivalent has been used it means approximately the same price

- External Drain covers in Natural stone of width 100mm of upto - INR 300 per sft shall be provided

Site Conditions Impacting Cost

* The quote is prepared based on standard criteria mentioned. Any Observed changes beyond the standard details, in the site details mentioned will be charged as per requirement.

S.No.	Check Points	UOM	Standard
1	Offsets provided by left,right and back neighbours?	Ft	>3 Ft
2	Electric Pole/Transformer location near to site?	Yes/No	No
3	Existing infrastructure on site which needs to be demolished?	Yes/No	No
4	Atleast 64 sqft area available for labour shed?	Yes/No	Yes
5	Is labour allowed to stay at site?	Yes/No	Yes
6	10% of site area for storage of materials?	Yes/No	Yes
7	If Yes storage area is available, is that available near the site?	Yes/No	Yes
8	What is the road width in front of the plot (excluding footpath)?	Ft	>20ft
9	Road traffic conditions at the plot?	High/Medium/ Low	Low
10	Difference in level of the site with respect to the centre of the road?	Ft	O Ft
11	Is there any slope in the plot?	Yes/No	No

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12	Is there any rocky terrain present on site?	Yes/No	No
13	Is there any rocky terrain present on site, shared with neighbouring building?	Yes/No	No
14	Water table high	Yes/No	No
15	Is Site contour provided	Yes/No	Yes
16	Drainage Line marking and information provided	Yes/No	Yes

Points to Note :

1. This is a Specification and not a Contract. This will be converted into a contract once the customer starts off the project with Brick&Bolt.

2. The quotation is marked as final (will not change) only when a minimum 5% of the total project value is received as a booking amount. Post this, it is valid for the next 30 days.

3. The quotation value will change if the customer adds/removes/updates any specification.

4. At Brick&Bolt we have zero tolerance for delays – In the contract there are strict compensation clauses for any delay in a project by the professional (contractor), where the customer is compensated. Compensation calculation table is provided for your reference as part of this quotation.

5. Quotation is prepared based on optimal structural designs based on all relevant IS codes for construction. Customised designs may levy an additional fee.

6. The total compensation for delay shall be a lower value between - the last milestone value or 2.55% of total project value.

7. The following activities are taken up by our Construction Professionals post the payment of the booking amount: Site Reconnaissance, Soil Testing, Structural Drawings, Approval of Structural Drawings, Contract. Drafting and Site Meeting. It takes about 21 days to complete all these activities and work on the site can commence only post completion of all these activities.

8. The construction will be carried out as per the specifications, dimensions and quantities as mentioned in this quotation. Differential charges will be applicable for any change in specifications, dimensions or quantities as per the actual calculations and rates mutually agreed between and with the written consent of Customer and Contractor.

9. All such changes shall be routed through Brick&Bolt and the value of this Quotation for all purposes would be considered inclusive of the differential charges for these changes. All terms and conditions defined in the vendor onboarding agreement between the Contractor and Brick&Bolt will apply to the revised value of the quotation.

10. All payments are required to be transferred to the company's dedicated escrow account number allocated to the owner. No cash payments will be accepted. Any cash payments made by the owner to anyone is the owner's responsibility and the company will not be held responsible for any losses thereof.

11. Price Guard: Your quoted price is secured for 2 months from the date of this quotation. After this quotation has expired, a new quotation will be provided based on prevailing market rates.