



A Navratna CPSE

एनबीसीसी (इंडिया) लिमिटेड
(भारत सरकार का उद्यम)

NBCC (INDIA) LIMITED
(A Government of India Enterprise)

(Formerly National Buildings Construction Corporation Ltd.)

An IS/ISO 9001:2015 Company
(For Providing Project Management Consultancy
and Execution of the Projects)

No./NBCC/BS/2021

March 23, 2021

National Stock Exchange of India Ltd. Exchange Plaza, 5 th Floor, Plot no. C/1,G Block Bandra –Kurla Complex Bandra (E),Mumbai-400051 NSE Symbol: NBCC/EQ	BSE Limited, Floor 25 ,Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai-400 001 Scrip Code: 534309
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Sub: Intimation of NBCC Presentation discussed in Motilal Oswal Investors Conference 2021

Sir/ Madam,

Pursuant to Regulation 30 read with Part A of schedule III and Regulation 46(2) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 and with reference to our letter dated March 18, 2021 regarding Investors Conference participation, this is to inform you that NBCC has participated in Motilal Oswal Investors Conference 2021 on March 23, 2021 (Tuesday) through video conferencing.

In this regard, list of participants along with NBCC Investor Presentation discussed during meetings is enclosed as **Annexure A & Annexure B** respectively.

The aforesaid information is also disclosed on the website of the company
<http://www.nbccindia.com/webEnglish/announcementNotices.aspx>

This is for your record and information. Kindly acknowledge receipt.

Thanking you,

Yours Sincerely,
For NBCC (India) Limited



Deepti Gambhir
Deepti Gambhir
Company Secretary
F-4984

Encl: As above

Annexure - A**NBCC Investor Conference: List of Participants in Motilal Oswal Investors Conference 2021**

SN	Company/ Fund Name	Investor Name
1	OHM Group	Mr. Jigar Valia
2	Helios Capital	Mr. Abhay Modi
3	Valentis	Mr. Kalpesh Gothi
4	Dhunseri Investment	Ms. Drisha Poddar
5	Aditya Birla MF	Mr. Vishwesh Mehta
6	ASK Investments	Mr. Prateek Agrawal
7	TATA Investment Corporation	Mr. Shatayu Mehta
8	TATA Investment Corporation	Mr. Amit Dalal
9	Capital Group	Mr. Anirudha Dutta
10	MK Ventures	Mr. Siddharth Shah
11	Aditya Birla Sunlife Mutual Fund	Mr. Vinod Bhat
12	Ocean Dial Asset Management	Mr. Dhaval Somaiya
13	Apah Capital Management	Mr. Vibhor Rastogi



NBCC (INDIA) LIMITED

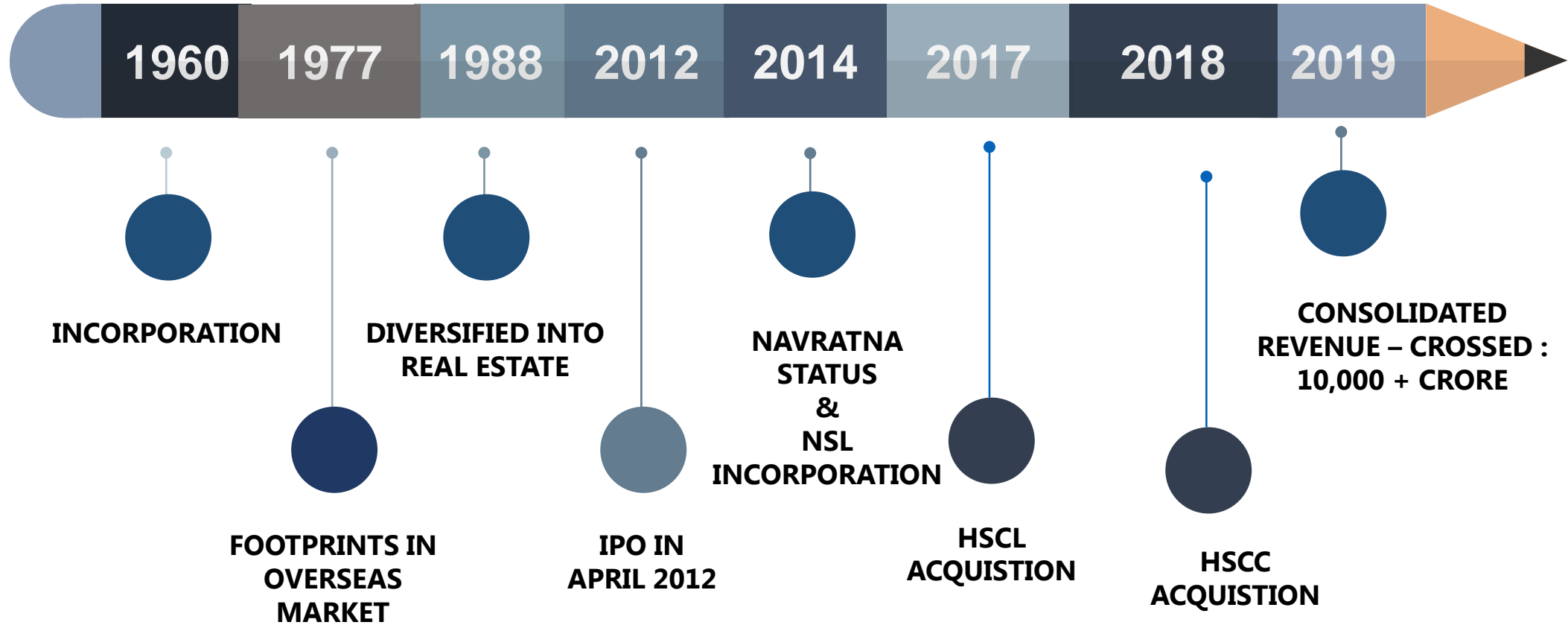
□A Government of India Enterprise□

INVESTORS PRESENTATION 2020-21

Corporate Office: NBCC Bhawan, Lodhi Road, New Delhi- 110003.



NBCC JOURNEY SO FAR...



NBCC (INDIA) LIMITED IS A GOVERNMENT OF INDIA NAVRATNA ENTERPRISE UNDER MINISTRY OF HOUSING AND URBAN AFFAIRS.

COMPANY SNAPSHOT

ONE OF THE LARGEST CONSTRUCTION CPSE IN INDIA

DEBT FREE, CASH SURPLUS & NEGATIVE WORKING CAPITAL

PAN INDIA & GLOBAL PRESENCE

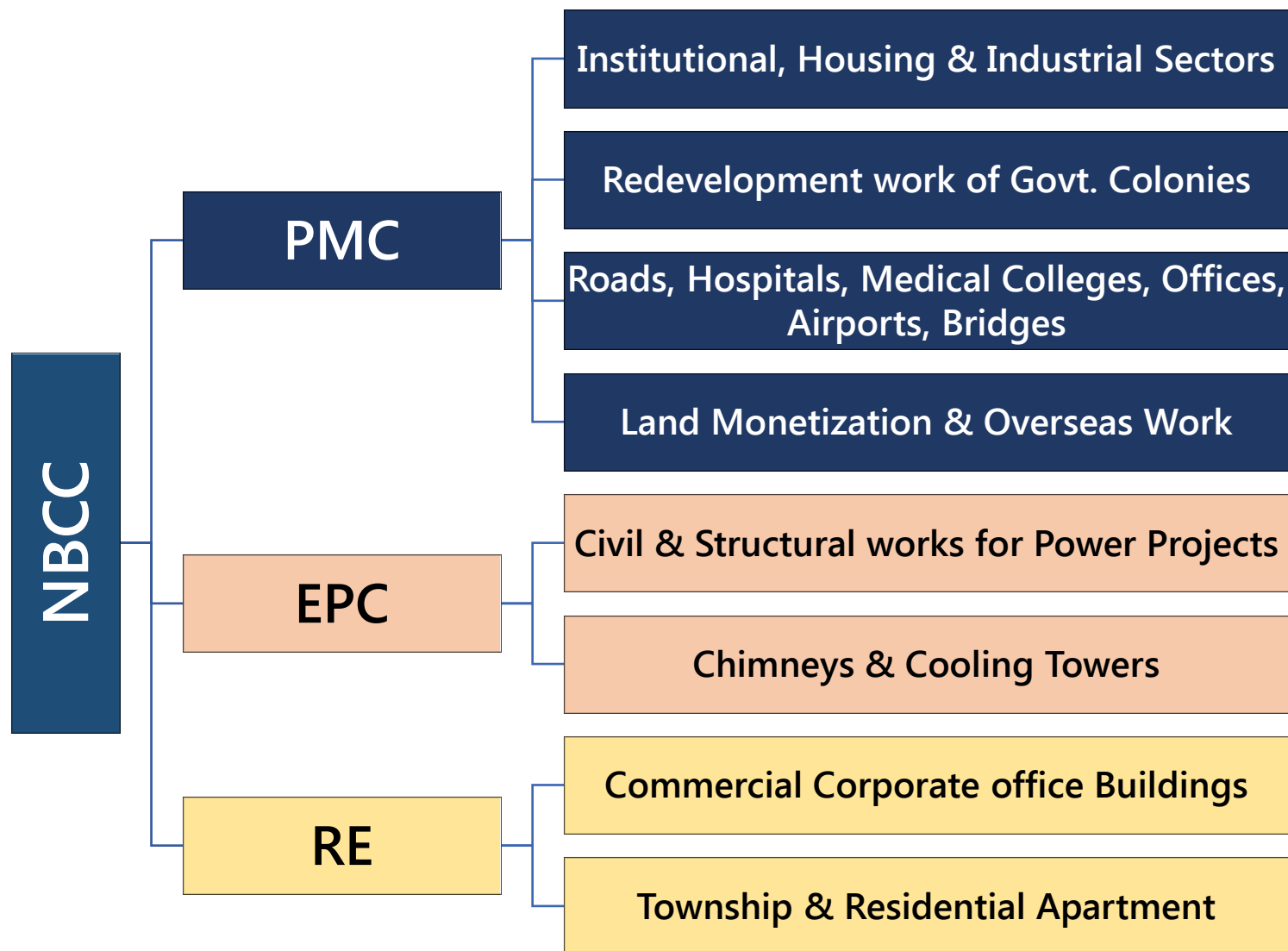
INTEGRATED OPERATIONS - PMC, EPC, REAL ESTATE

STRONG GROWTH & REVENUE VISIBILITY

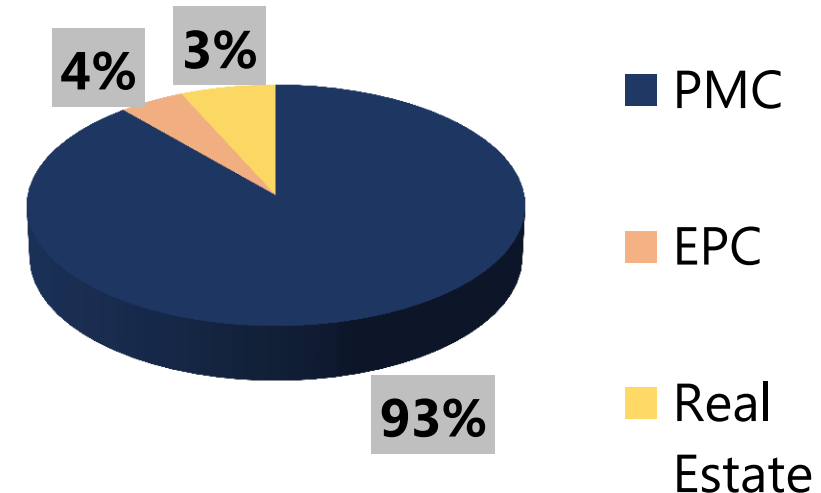
LISTED COMPANY

NBCC BUSINESS OVERVIEW

BUSINESS COMPOSITION



SEGMENTAL REVENUE FY 2019-20



PMC BUSINESS MODEL - CONCEPT TO COMMISSIONING



Project Management Consultancy (PMC) Services: **CONCEPT TO COMMISSIONING.**

- Institutional, Housing & Industrial Buildings
- Re-development of Govt. Colonies & Govt. Properties
- Educational & office Institution Buildings
- Hospitals & Medical College Buildings
- Judicial Complexes Buildings
- Residential and Commercial Real Estate Complexes
- Roads, Airports & Bridges
- Border Fencing & Road Works
- Security Forces Infrastructure Works
- PMGSY & Other Local Roads
- Irrigation Infrastructure and Many More areas.

GLIMPSE OF NBCC PROJECTS IN DIFFERENT SECTORS

RE-DEVELOPMENT



EAST KIDWAI NAGAR



NEW MOTIBAGH HOUSING



NAUROJI NAGAR

COMMERCIAL REAL ESTATE PROJECTS



NBCC TOWER, BKG PLACE



NBCC TOWERS, OKHLA



NBCC PLAZA, PRAGATI VIHAR

MASS HOUSING PROJECTS



EWS HOUSING, GUWAHATI



STAFF QUARTERS,
HINDUSTAN AERONAUTICS LTD.



HOUSING FOR INDIAN ARMY

GLIMPSE OF NBCC PROJECTS IN DIFFERENT SECTORS

OFFICE PROJECTS



INTELLECTUAL PROPERTY OFFICE,
MUMBAI



CBI HQ BUILDINGS, NEW DELHI



AAYAKAR BHAWAN, NOIDA

INSTITUTIONAL PROJECTS



IIT PATNA



IICA MANESAR



IIT ROORKEE

BORDER FENCING/ BORDER ROADS



IPB FENCING



IBB FENCING



IBB FENCING

GLIMPSE OF NBCC PROJECTS IN DIFFERENT SECTORS

REAL ESTATE RESIDENTIAL PROJECTS



NBCC ARAVALI APARTMENTS, ALWAR



NBCC SQUARE, KOLKATA



NBCC IMPERIA, BHUBANESWAR

TRANSPORT SECTOR



MYSORE AIRPORT, KARNATAKA



SEELAMPUR METRO STATION



SAFDARJUNG FLYOVER, NEW DELHI

HEALTH SECTOR



ESIC , AYANAVARAM



ESIC HOSPITAL & MEDICAL COLLEGE
MANDI



ESIC , KK NAGAR

NBCC REDEVELOPMENT BUSINESS OVERVIEW

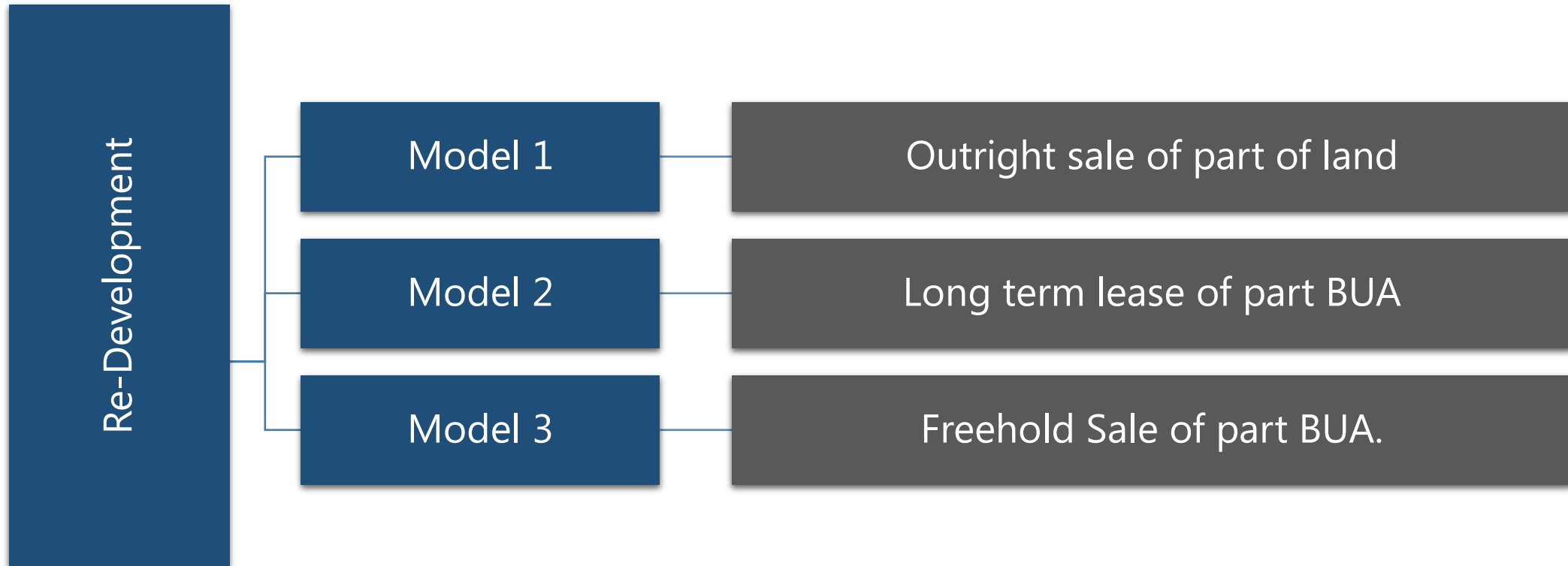
SELF SUSTAINABLE BUSINESS MODEL - RE-DEVELOPMENT

WHY TO RE-DEVELOP PROPERTIES ?

- **High Repair and Maintenance Cost require for dilapidated Buildings .**
- **Constructed in Post Independence era - Govt. buildings / accommodations (GPRA) are very old constructed.**
- **Acute Shortage of offices / Residential spaces.**
- **Acute Shortage of Funds / Budget Restrained**
- **Optimum utilization of Land by Incorporating latest FAR norms.**
- **Buildings covering larger parts of the land - horizontally spread**
- **Limited area for green & other activities.**

WHAT IS RE-DEVELOPMENT MODEL ?

- **Demolishing prevailing old buildings.**
- **Construction of new site with modern amenities and facilities.**
- **No Budgetary Support from Govt. or Client.**
- **Unique Self Sustainable Model- Funds Generated through Commercial Exploitation.**
- **Work on fixed PMC + Marketing fees - PMC Agency to Client – Concept to Commissioning.**

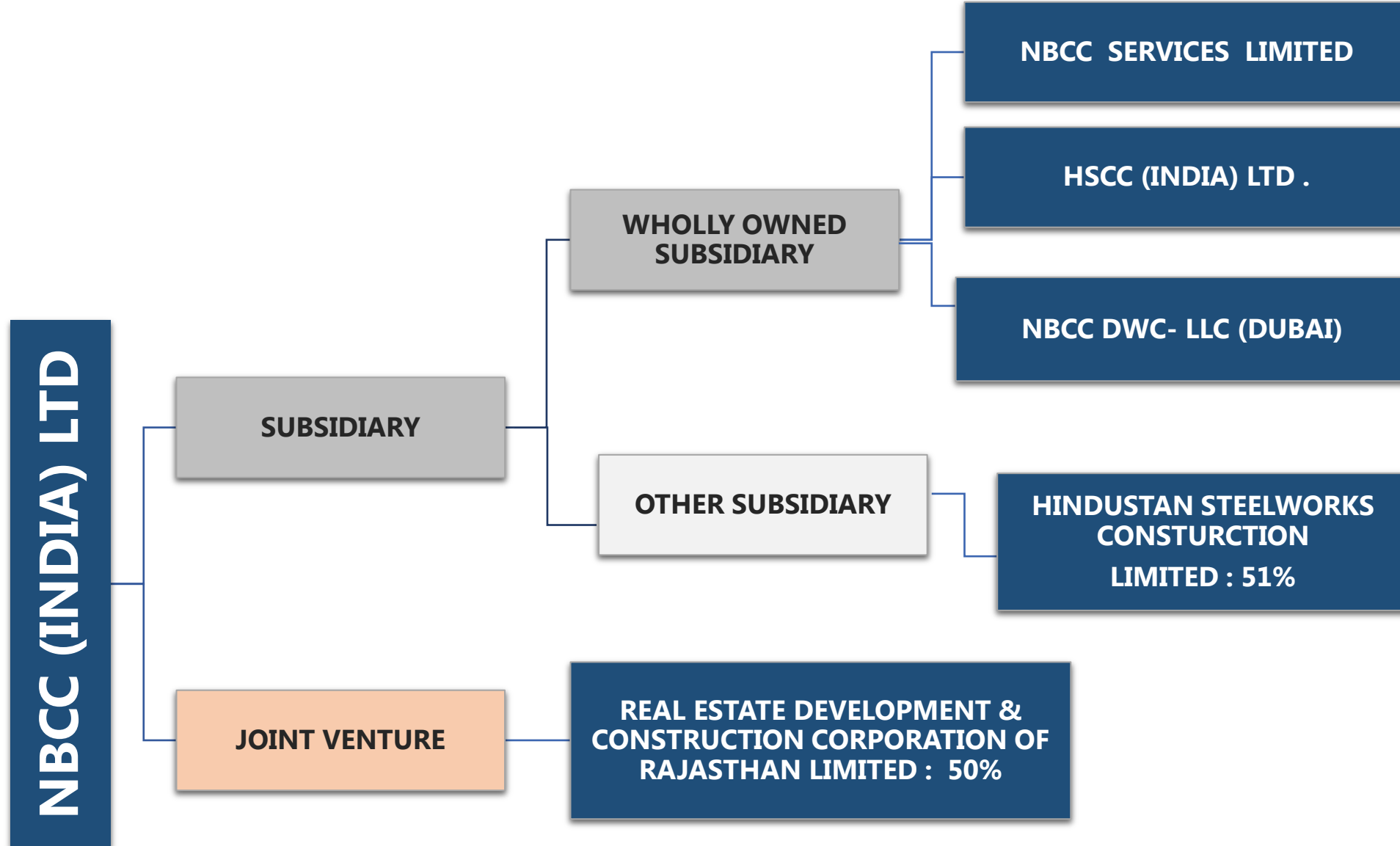


UNIQUE SELLING PROPOSITION :

NBCC has expertise in PMC+ REAL ESTATE + MAINTENANCE.

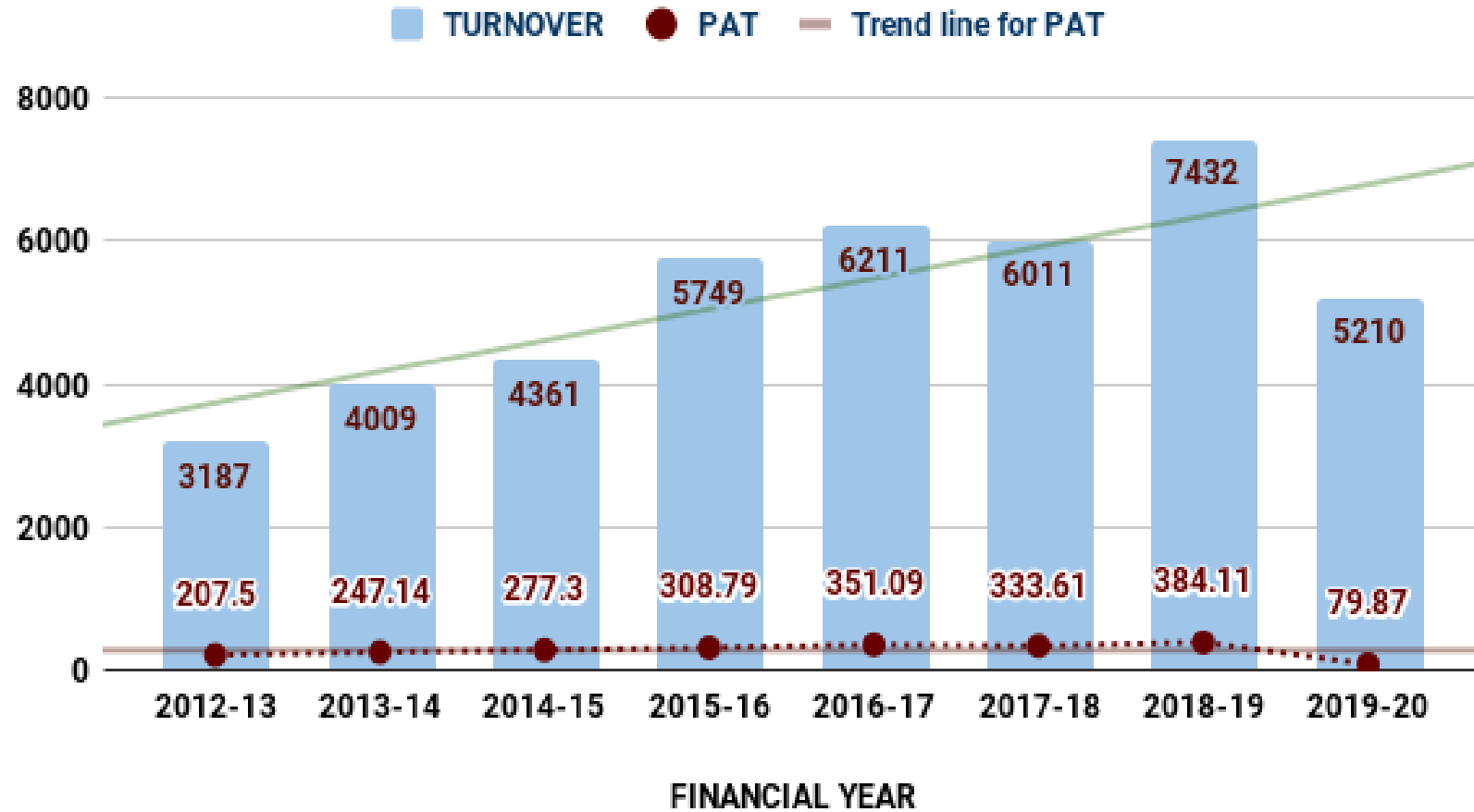
- **Dedicated in-house Real Estate team for Sale & Marketing.**
- **Ability & Experience to raise funds through Real Estate.**

SUBSIDIARIES & JV's



FINANCIAL PERFORMANCE (Crores)

TURNOVER & PAT

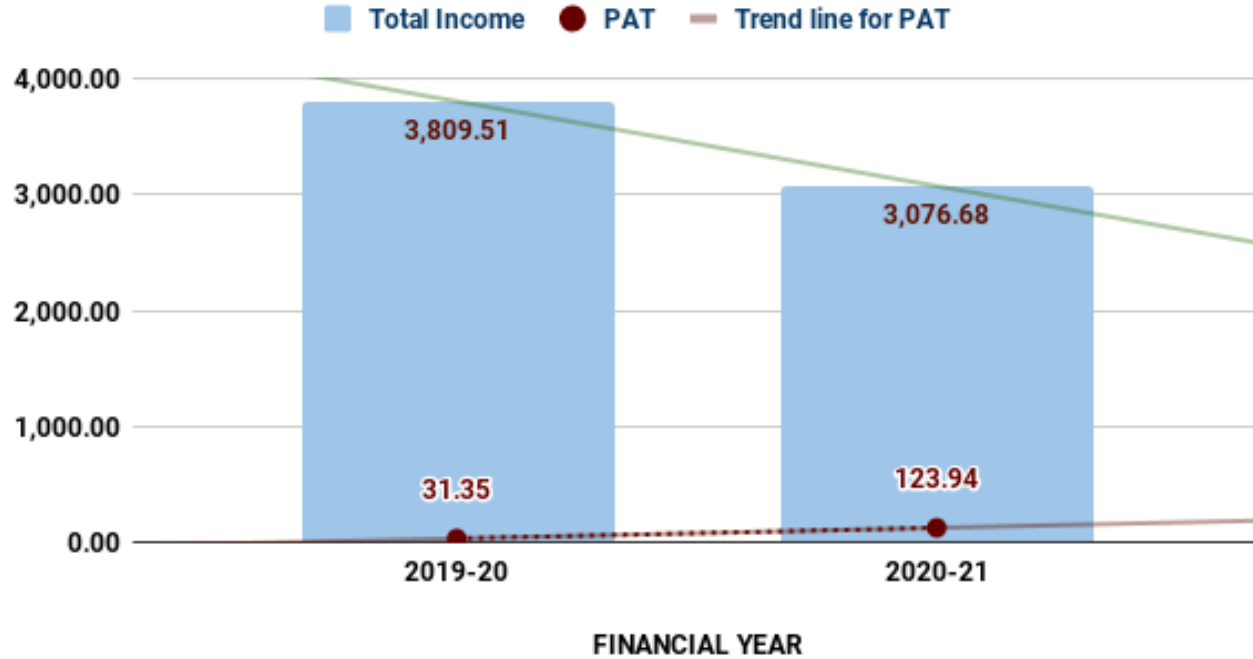


FINANCIAL YEAR	TURNOVER
2012-13	3187
2013-14	4009
2014-15	4361
2015-16	5749
2016-17	6211
2017-18	6011
2018-19	7432
2019-20	5210

FINANCIAL YEAR	PAT
2012-13	207.5
2013-14	247.14
2014-15	277.3
2015-16	308.79
2016-17	351.09
2017-18	333.61
2018-19	384.11
2019-20	79.87

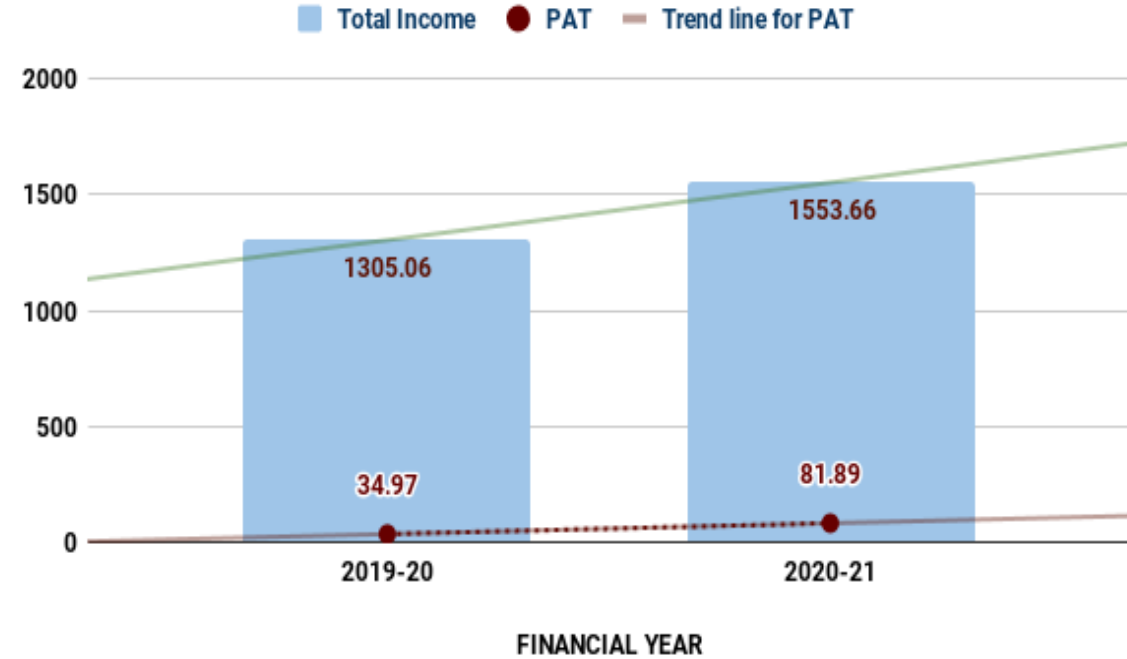
9M & 3rd Quarter FINANCIAL PERFORMANCE FY 2020-21(Crores)

TURNOVER & PAT (9M)



FINANCIAL YEAR	TOTAL INCOME	PAT
2019-20 (9M)	3,809.51	31.35
2020-21 (9M)	3,076.68	123.94

TURNOVER & PAT (Q3)



FINANCIAL YEAR	TOTAL INCOME	PAT
2019-20 (Q3)	1,305.06	34.97
2020-21 (Q3)	1,553.66	81.89

ORDER BOOK STATUS 2020-21

Order Book Summary as on 01.02.2021 (Crores)

	Without Pipeline Projects
Total Order Book	61798.32 Cr
PMC/EPC	26741.53 Cr
Redevelopment	35037.26 Cr

Balance work load excl. GST as on 01.02.2021

Running Projects = 18485.41 Cr

Projects to be started in Upcoming Years= 24378.81 Cr

Total = 42864.22 Cr

BUSINESS DEVELOPMENT STATUS 2020-21

Business Development Summary as on 01.02.2021 (Crores)

- **Total Work Secured - 2871.79 crore.**
 - On Tender Basis - **497.16 crore**
 - On Nomination Basis - **2374.63 crore**
- **April - June (Q1 2020-21):** Rs. 463.53 crore
- **July - Sep (Q2 2020-21):** Rs. 590.23 crore.
- **Oct - Dec (Q3 2020-21):** **Rs. 1490.33 crore**
- **Jan-2021: 327.70 Crore**

Major Works Secured:

- NBCC Secured DTC Land Development work (4 Land Parcels) – Rs. 1000 Approx. (for 2 Land Parcels)
- IIT, BHU Work - Rs. 147 Crore
- BHEL Works - Rs. 285 Crore
- Seychelles Works - Rs. 204 Crore
- Election Commission Works - Rs.150 Crore
- District Mineral Foundation work Angul & Jajpur, Orissa - Rs. 200 Crore each
- Medical College Dungarpur, Rajasthan - Rs. 119 Cr

WORK AWARDED/UNDER TENDERING STATUS 2020-21

Tender Summary as on 01.02.2021 (Crores)

- Total Tenders Awarded in Current

FY 2020-21: **Rs. 9632 crore.**

- Total works under tendering in

FY 2020-21: **Rs 3062 Crores.**

Major Works Under Tendering:

- GPRA Netaji Nagar, New Delhi - 1443 Cr
- Indo Bangladesh Border - Rs 206 Cr
- EAST Delhi Hub Karkardooma, Rs. 828 Cr

Major Works Awarded:

- DREAM Valley Phase 2 - 1423 Crore
- Centurian Park - Rs. 681 Crore
- GOLF HOMES - Rs. 633 Crore
- Various other Amrapali works
- CCL , Ranchi - Rs. 659.76 Crore
- Bharat Vandana Park, DDA - Rs. 430.40
- IIM Visakhapatnam - Rs. 388 Crore
- Medical college & Hospital Chamba, HP - Rs 290 Cr
- IIM Sambalpur, Odisha - Rs.276 Cr
- AIIMS West Ansari Nagar Campus - Pkg-1 - 235 Cr

Man Power Status as on 01.02.2021 = **Total NBCC manpower is 1514 nos.**

- **Engineers - 656**
- Finance - 145 &
- HRM/Sectl.- 110
- Operative Staff - 540
- & Others - 63
- **Total - 1514**

Total NBCC manpower requirement in

Future:

- We are planning to hire approx. **25%** more manpower over the next three (3) years as per need or requirement basis.

- ❖ The **Hon'ble Supreme Court in 2019**, assigned the job of completion of Amrapali stalled housing projects to NBCC on PMC basis where **Hon'ble Supreme Court will facilitate the funding's**.
- ❖ There are **total 25 nos. projects of Amrapali Projects in Noida & Gr. Noida**.
- ❖ **02 Projects** have already been successfully completed and handed over involving **618 Units**.
- ❖ **22 projects have already been awarded by NBCC** and are presently under various stages of execution and mobilisation involving **45957 nos. of units & valuing Rs. 7863.73 cr.** Including PMC & GST.
- ❖ 01 commercial Project is yet to Tendered Valuing Rs. 339.87 Cr. including PMC & GST.
- ❖ Advertisement regarding sale of unsold inventory, Sale of unused FAR, sale of Attached property in Amrapali stalled Projects published on 14.01.21 in different News Papers.

AMRAPALI PROJECTS



❖ JP Infratech -

- ❖ Hearings before the Hon'ble Supreme Court were concluded on 08.10.2020 and judgement on the approval of resolution plan/appeals has been reserved.
- ❖ Further it was also directed to file consolidated written submissions by 22.10.2020 and accordingly NBCC has also submitted its consolidated written submissions. The order of the Hon'ble Supreme Court is awaited as on date.
- ❖ NBCC has to construct approx. 22000 houses and approximate cost of construction is Rs. 6500 Cr. The details of entire Resolution Plan cannot be shared as the matter is sub-judice before Hon'ble Supreme Court.

NEW MOTI BAGH PROJECT - MODEL 1 - OUTRIGHT SALE OF PART OF LAND

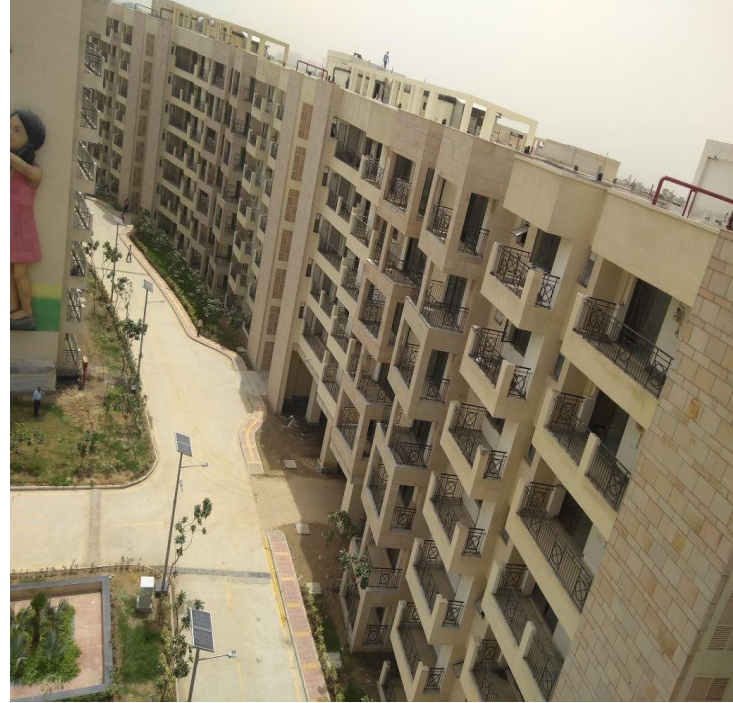


Pre- development Houses – 82 nos

Post Development Value Additions

- **Total House Developed: 992 nos**
- **Surplus Cash of 328 Crs. (Incl. Interest) was handed over to Government.**
- **Social Infra.: 1.57 Lakh sft**
- **Completion Time : 5 Years**

- **105 Acres Senior Govt. Officer complex** (with villas & apartment).
- **Funds generated** : Sale of **3 Acre commercial** land for **Rs. 610 crore**
- **Project Cost: Rs. 524 Cr.**
- **India's first Largest Green Home Complex Silver Rating by IGBC.**



- Area Under Development - 86 acres land.
- Estimated Project cost - Rs 5200 Cr.
- Fund Raised by Long term Lease Commercial /Residential Area - 10.50 Lakh sft

Pre- Development Houses – 2442 nos (Type-I – Type III flats)

Post Development Value Additions

- **Total House Developed:** 4608 nos
78 Towers (33 G+6; 45 G+14)
- **Commercial Built up Area :** 10.50 Lac sft (4 Towers; 2 G+10, 2 G+4)
- **Social Infra.:** 3.20 Lakh sft
- **Completion Time:** 5 Years

KIDWAI NAGAR (EAST) OFFICE CUM COMMERCIAL PROJECT



REDEVELOPMENT OF 7 GPRA COLONIES – VALUE ADDITIONS

- **Redevelopment of Seven GPRA colonies of Delhi** i.e. Nauroji Nagar, Netaji Nagar, Sarojini Nagar, Srinivaspuri, Mohammadpur, Thyagraj Nagar & Kasturba Nagar.
- The estimated cost of the project for these **7 colonies is Rs. 32,000 Crs approx.** including maintenance.
- **7.85 Lakhs sqm Commercial Built up area will be sold in Nauroji Nagar, Sarojini Nagar** to raise the funds for seven colonies. The estimated sale value will be Rs. 32000 crore.
- Out of 7 colonies; **3 colonies i.e. Nauroji Nagar, Netaji Nagar, Sarojini Nagar** are being developed by NBCC amounting **Rs. 24,000 Crs approx.** including maintenance. **The development fund for rest of the 4 colonies are being provided to CPWD by NBCC from sale proceeds.**
- **Existing 12970 houses to be demolished to construct 25667 new houses** at these seven **GPRA colonies of Delhi .**

NAUROJI NAGAR – MODEL 3 – FREEHOLD SALE OF PART BUA



WORLD TRADE CENTER™
NEW DELHI

At Nauroji Nagar

- Area under Development : **25 acres**
- No of Commercial Towers : **12 Towers (3B+G+9)**
- Commercial Value (Fund Realization): **Rs. 12000 Cr**
- **Commercial Built up Area for Sale – 30.5 Lakh Sft.**
- Accredited to World Trade Center association, New York.

REDEVELOPMENT OF SAROJINI NAGAR (GPRA) - MODEL 3



REDEVELOPMENT OF SAROJINI NAGAR

- Area under Development: **Over 288.12 acres**

Pre-development Houses – 3,976 nos.

Post Development Value Additions will be:

- **Total House Developed: 10,190 nos**
- **Commercial Built up Area for Sale : 48.19 Lakh sft**
- **Estimated Commercial Value (Fund Realization): 20,000 Cr**
- **Social Infra. : 8.90 Lakh sft**
- **Completion Time : 5 Years**

REDEVELOPMENT OF NETAJI NAGAR (GPRA) - **MODEL 3**



REDEVELOPMENT OF NETAJI NAGAR

Area under Development: **Over 110.88 acres**

Pre- development Houses – 2,886 nos

Post Development Value Additions will be

- **Total House Developed: 4,737 nos**
- **GPOA Office Accommodation : 23.20 Lakh sft**
 - **Social Infra. : 5.7 Lakh sft**
 - **Completion Time : 5 Years**

GARVI GUJARAT SADAN, NEW DELHI

दो साल पहले सतम्बर में मुख्यमंत्री, उप-मुख्यमंत्री जी ने इसका शिलान्यास किया था और आज सतम्बर के प्रारंभ में ही इसका उद्घाटन करने का मौका मुझे मिला है। मुझे खुशी है कि समय पर प्रोजेक्ट्स पूरा करने की एक आदत सरकारी संस्थाओं में, सरकारी एजेंसियों में बक सत हो रही है। -

PM's speech at the inauguration of Garvi Gujarat Sadan in New Delhi

Project Cost: 131 core
Total Built-up area: 2,000,00 sft
Completion: 21 months (three months before the deadline)
Inaugurated by Hon'ble PM on September 02, 2019.





- Hon'ble PM takes a look at the model of Garvi Gujarat Sadan during inauguration while Shri Neelesh Kumar Shah, Director (Projects), NBCC, seen explaining Hon'ble PM, special features incorporated in the Iconic eco-friendly Structure.
- This is an Iconic eco-friendly earthquake resistant Structure, a first of its kind in the capital. Gujarat Bhavan has about 78 differently themed guest rooms, distributed in seven storeys, which comprise 2 Presidential suites, 17 VIP suites, and 59 guest rooms.

HOSPITAL & MEDICAL COLLEGE PROJECTS



500 BEDDED ESIC HOSPITAL, MEDICAL COLLEGE AT MANDI

- **Project Cost:-** Rs 745 Cr.
- **Scope of Work :-** Medical College, Hospital, Nursing College, Auditorium & various Residential Buildings.



MEDICAL COLLEGE & HOSPITAL, BIHTA, PATNA

- **Project Cost:-** Rs 745 Cr.
- **Scope of Work :-** Hospital Building (B+G+7), Medical College (B+G+6), Auditorium, Hostel, Etc.



→ **NBCC is illuminating a beacon of Delhi's Mughal heritage Qutub Minar in collaboration with the Archaeological Survey of India**

NBCC adopted Purana Qila, New Delhi for up-gradation and maintenance under the Ministry of Tourism, Government of India scheme "Adopt a Heritage". →



NATIONAL MUSEUM OF INDIAN CINEMA, MUMBAI



PROJECT COST : RS 135 CRS

INAUGURATED ON 19 JANUARY, 2019.

NBCC

REAL ESTATE BUSINESS

OVERVIEW

REAL ESTATE DIVISION HIGHLIGHTS



Started Real Estate Business in year 1988

Established brand with Govt. Support & Guidance

First Central Public Sector Enterprise to enter into Real Estate

Experienced Management team with strong corporate governance

Strong Fundamentals & Financial Health

Developed numerous Residential & Commercial Complexes

Pan India presence – (Strong Presence in Tier II & Tier III Cities)



PROJECT GALLERY - REAL ESTATE PROJECTS



NBCC VALLEY VIEW, KOCHI



**NBCC ARAVALI APARTMENTS,
ALWAR, RAJASTHAN**

PROJECT GALLERY - REAL ESTATE PROJECTS



NBCC SQUARE RAJARHAT, KOLKATA



NBCC TOWER, BAHADURPUR, PATNA

PROJECT GALLERY - REAL ESTATE PROJECTS



NBCC IMPERIA, BHUBANESWAR, ODISHA



NBCC COMMERCIAL COMPLEX, LUCKNOW

NBCC

EPC BUSINESS

OVERVIEW

Established as an EPC company in 1960

Specializes in Cooling Towers, Chimneys, other high rise structures

Executed - Roads, Bridges, Flyovers, Metro Stations, WTPs, STPs.

Technical & Experience Manpower for EPC work

Specialized state of art slip-form shuttering technology



**DELHI'S
FIRST METRO
STATION**

**NBCC BUILT DELHI'S FIRST METRO STATION – WELCOME STATION
(OLD SEELAMPUR)**

SINGARENI CHIMNEY AND INDUCED DRAUGHT COOLING TOWER, TELENGANA



- 275 meter high Chimney & Induced Draught Cooling Tower.
- **Project Cost:** Rs 182.00 cr.

PROJECT GALLERY - EPC PROJECTS

NBCC constructed a 275-meter high RCC twin flue lined chimney at Koderma Thermal Power Station, Jharkhand for BHEL



#NBCCBuildsIndia

www.nbccindia.com

[@OfficialNBCC](#) [NBCC\(India\)Limited](#) [@OfficialNBCC](#)

KODERMA THERMAL POWER STATION IN JHARKHAND FOR BHEL



WELCOME METRO STATION, DELHI (DMRC PROJECT)



BRIDGE ACROSS RIVER YAMUNA, NEAR ISBT DELHI

PROJECT GALLERY - EPC PROJECTS



**COOLING TOWER &
CHIMNEY,(ANDHRA PRADESH)**



MAIN PLANT, RIHAND (UP)



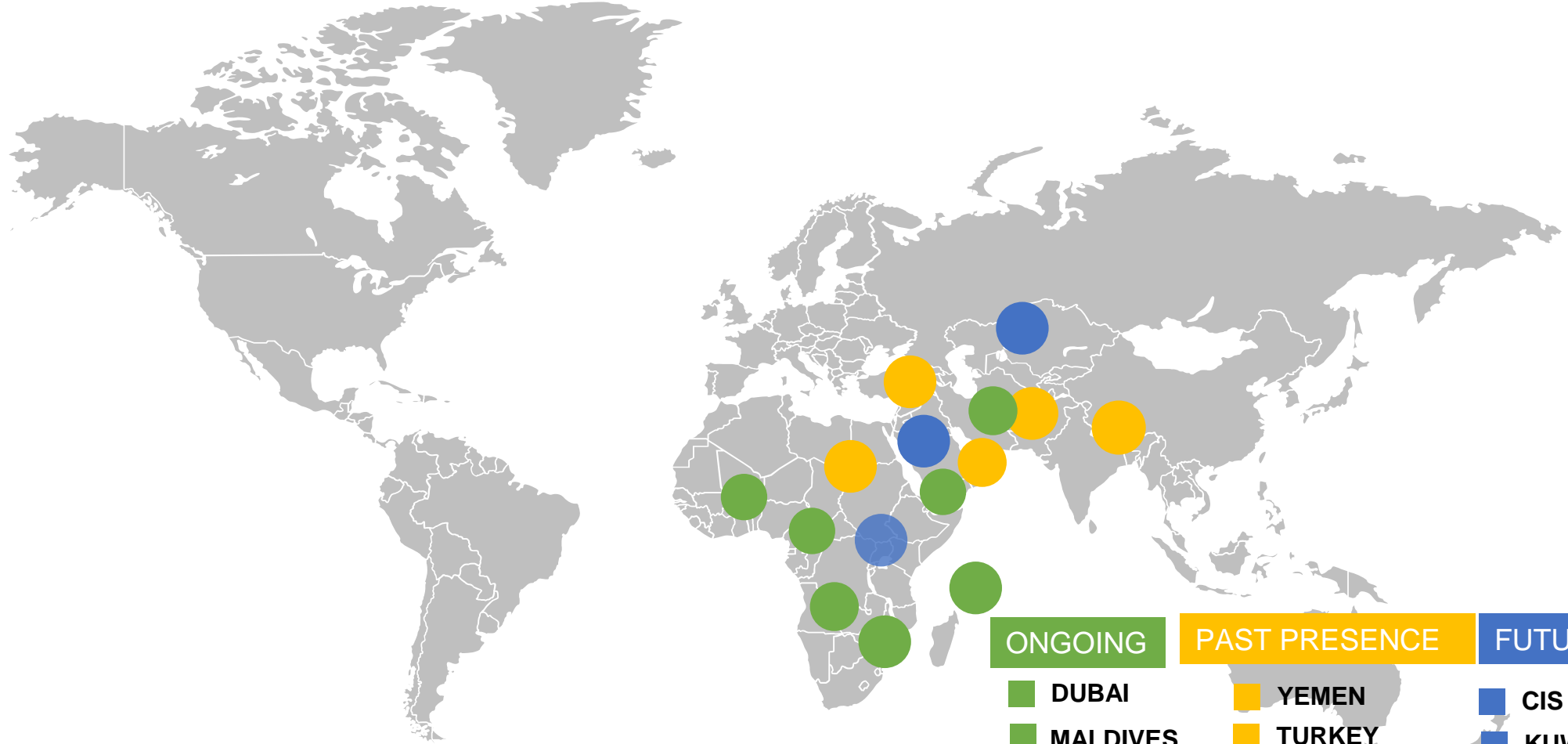
**POWER HOUSE - KORBA
(CHHATTISGARH)**

NBCC

OVERSEAS PRESENCE

OVERVIEW

OVERSEAS PRESENCE



ONGOING **PAST PRESENCE** **FUTURE PLAN**

- | | | |
|---------------------|----------------|-----------------|
| ■ DUBAI | ■ YEMEN | ■ CIS COUNTRIES |
| ■ MALDIVES | ■ TURKEY | ■ KUWAIT |
| ■ MAURITIUS | ■ BOTSWANA | ■ Bhutan |
| ■ AFRICA- 9 NATIONS | ■ IRAQ & LIBYA | |
| ■ SEYCHELLES | ■ OMAN | |
| | ■ NEPAL | |

Started Overseas Operations in 1977
Recently bagged projects in Dubai & 9 African Nations

PROJECTS IN MAURITIUS

New Supreme Court Building, Mauritius

- **Project Cost:** \$ 30 Million..

Social Housing at Mare Tabac & Dagotiere

- **Project Cost:** \$ 45 Million

Other Projects in Mauritius: USD 80 Million

- Forensic Science Laboratory
- National Library
- Renovation of Bank of Baroda Building
- Civil Services College
- Police Academy



NEW SUPREME COURT BUILDING, MAURITIUS



Mock up Unit (Dagotiere)



Mock up Unit (Mare Tabac)

SOCIAL HOUSING AT MARE TABAC & DAGOTIERE

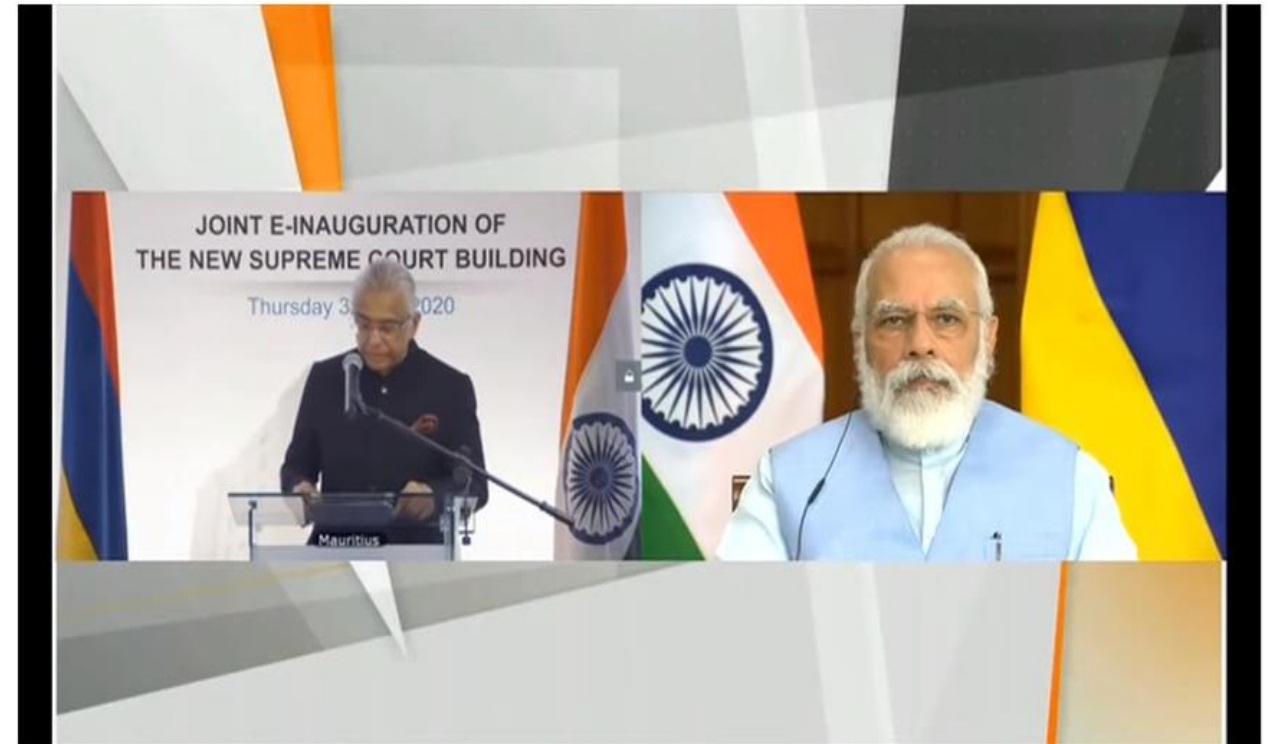
INAUGURATION OF CONSTRUCTION OF NEW SUPREME COURT BUILDING-MAURITIUS



- **Total BUA: 25012 Sqm**

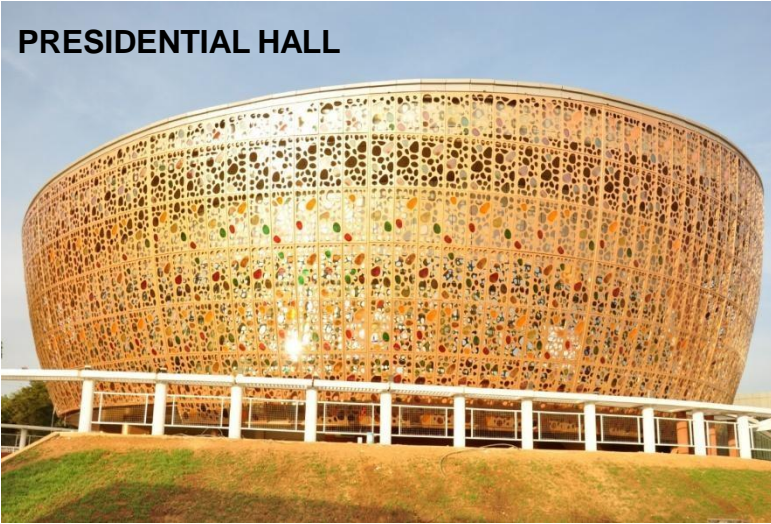
- **No. of Floors: Basement +LGF+GF+10 Floors**

- **Project Cost: 300 Crores approx.**
- **Inaugurated on 30 July, 2020.**



MAHATMA GANDHI CONVENTION CENTRE (MGCC) AT NIAMEY NIGER

PRESIDENTIAL HALL



Plenary Hall



Plenary Hall (2000 pax)	6886 Sqm
Presidential Block (55 pax)	788 Sqm
Presidential Hall (325 pax)	1807 Sqm
Administrative Block (85 pax)	613Sqm
VIP Block (110pax)	425 Sqm
Banquet hall (600 pax)	2041 Sqm



➤ **Project Cost: INR 400 Crores**

INDIA PAVILION, WORLD EXPO, DUBAI



- ❖ Conceptualize, design and construct the India Pavilion at World Expo to be held in Dubai from October 2021 to April 2022 at an **Project Cost of INR 280 Crores**.
- ❖ **Total area of India pavilion is 4600 sqm & project is under execution.**

SITE PHOTOGRAPHS INDIA PAVILION , WORLD EXPO, DUBAI





- Institute of Security & law Enforcement at Addu City, Republic of Maldives
- Project Cost = 210 Crores
- Total Built up Area = 19,198.00 sqm



NBCC SERVICES LIMITED

- A separate subsidiary of NBCC for
maintenance works.**

NBCC Services Limited" (NSL) is a separate subsidiary of NBCC incorporated in 2014 to provide post construction maintenance services to the clients.

PROVIDING COMPREHENSIVE MAINTENANCE SERVICES LIKE : -

- ☞ Civil & Electrical
- ☞ Plumbing, Sanitation & Water Supply Systems
- ☞ HVAC System & D G Sets
- ☞ Sub Station, Fire Protection & Fire Safety Systems
- ☞ Lifts and Escalators, Peripheral Services
- ☞ Horticulture Works Hospital Maintenance Services
- ☞ Sewage & Water Treatment Plants
- ☞ Modification & Rehabilitation of Buildings
- ☞ Office Interiors & General Upkeep
- ☞ Security and Traffic Management Services

TRANSITION FROM CONVENTIONAL CONSTRUCTION TO ADVANCED CONSTRUCTION TECHNOLOGY



KEY INITIATIVE IN CONSTRUCTION TECHNOLOGY

- IIT Roorkee-NBCC Research & Development Centre on Sustainable Civil Infrastructure.
- **MOU with TERI for Green buildings.**
- Most of the projects constructed by NBCC is rated by various agency such as **IGBC, GRIHA, LEEDS, etc. into different categories.**
- NBCC had successfully organized National Conclave on Construction to achieve sustainable infrastructure development.
- Reduction of water consumption in construction with IIT Delhi and Sponsored research to premier institutes i.e. IIT Delhi, IIT Roorkee.

ENVIRONMENTAL FEATURES -

- Rain Water Harvesting System.
- GRIHA Ratings for Projects.
- Solar Water Heaters and Street Lighting.
- CNG Based Gen-sets.
- LED & Solar Light fittings for Public Areas.
- Use of DGU (Double Glazed Units) Glazed panels which cuts Heat Transmission by 35%.
- High Barricading around Project site during Construction.
- Retention of Existing Trees & New Plantation Drive.
- Green belt Provided all-around Complex .

WASTE MANAGEMENT FEATURES -

- **Zero Waste** - Working on Zero Waste policy right from Construction phase. Construction & Demolition Waste Recycling Plant In Situ with Zero Waste. e.g. RMC design with Fly ash
- **Zero Sewage** - Bio-digester toilet installed for disposing human waste in eco friendly manners.
- **Zero Discharge** into Sewerage System. Treated water is reused for horticulture, flushing and cooling towers.
- **Zero Litter** - Solid Waste Management. No litter is go out of the colony including Plastic. Plastic Waste is converted into fuel.

BUILDINGS ON NEW TECHNOLOGY - COMPOSITE DESIGNS



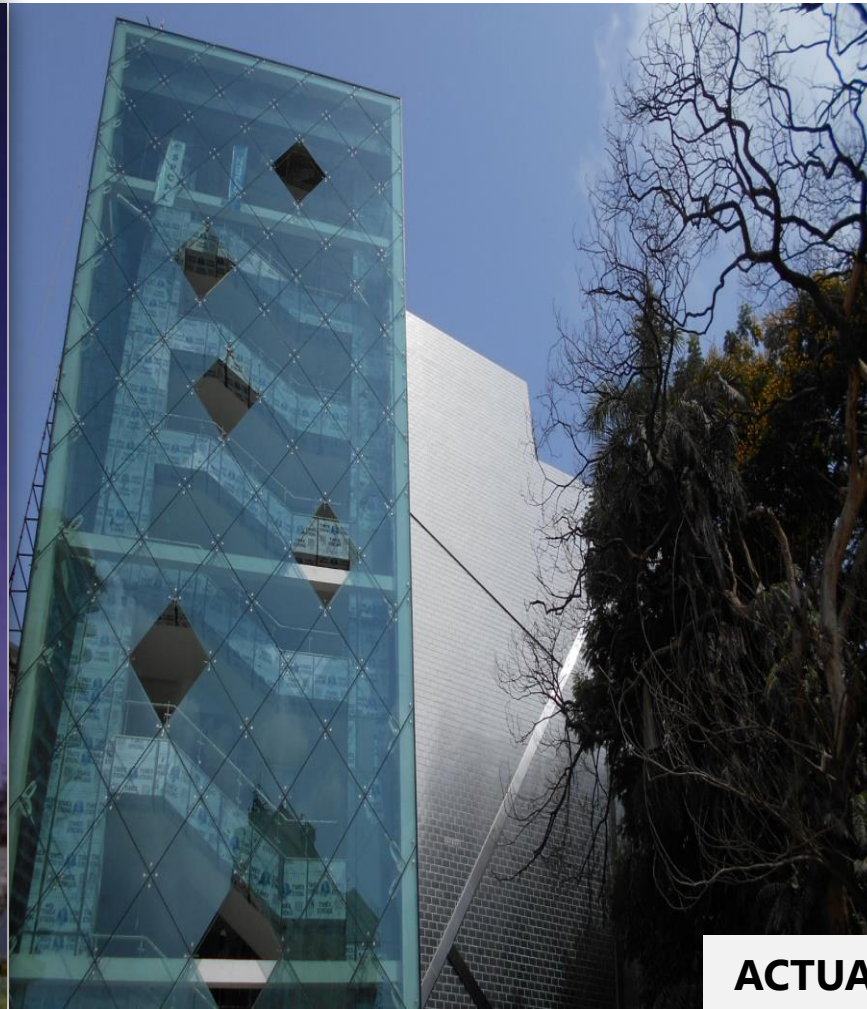
UIIC CHENNAI – MODEL VIEW

- ❖ Entire frame work has complex joinery system where geometry of each connection is different.
- ❖ Special molding process and accurate computer controlled machinery is expected to finish these connection in order to achieve required accuracy and performance.
- ❖ Glass skin also is based on special SS connection which has special angular adjustment to position each glass correctly.
- ❖ All glass panels are cut in automated process based detail dimensions devices in CAD.
- ❖ This state of art design will require lot of attention in execution process and expert engineering experience of relevant nature.

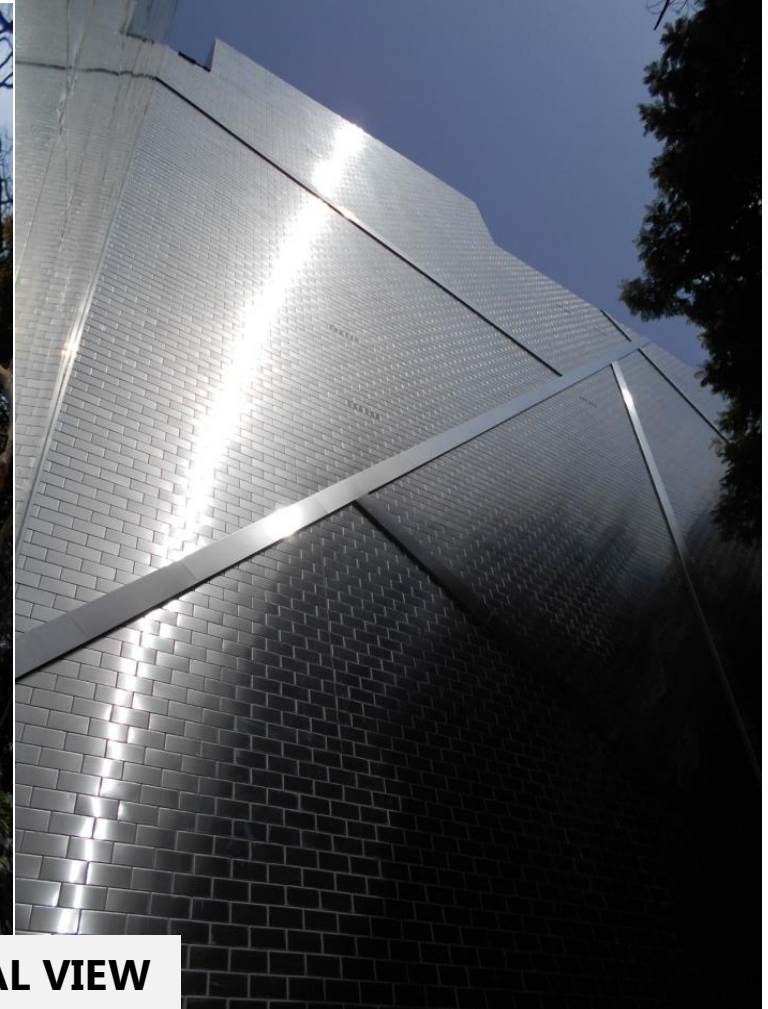
COMPOSITE DESIGNS - NMIC MUMBAI



MODEL VIEW



GLASS FACADE



ACTUAL VIEW

STEEL FACADE

BUILDINGS ON NEW TECHNOLOGY - COMPOSITE DESIGNS



**NIC
KOLKATA – MODEL VIEW**



**UIIC
CHENNAI – MODEL VIEW**



**DCP OFFICE
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NBCC

AWARDS

&

RECOGNITIONS



IBC Awards

*IBC Awards for Excellence
in Built Environment 2017-19*



Dun & Bradstreet (D& B) Award

*Prestigious Dun & Bradstreet (D&
B) PSU Award 2018*



HR Excellence Award

*Apex India HR Excellence Award
2019' for Training Excellence by
Apex India Foundation*



IBC Awards

**IBC Awards for Excellence
in Built Environment 2017-19**



Dun & Bradstreet (D& B) Award

**Prestigious Dun & Bradstreet (D&
B) PSU Award 2018**



Award for Excellence in Built Environment 2014-15

**Award by IBC for the project National Museum
for Indian Cinema (NMIC), Mumbai under the
"Category- Residential and Commercial
Buildings" on October 06, 2016 in New Delhi.**



CII Industrial Innovation Award 2017

***Award under the category "Most Innovative Company
of the Year" by Confederation of Indian Industry (CII)
on October 24, 2017 in New Delhi.***



HR Excellence Award

***Apex India HR Excellence Award
2019' for Training Excellence by
Apex India Foundation***



NBCC has been awarded the esteemed Global Safety Award 2019 at the Energy and Environment Foundation Global Excellence Awards 2019 for constructing the Central Information Commission Office Building

GLOBAL SAFETY AWARD 2019

Award in platinum category in 9th World PetroCoal Congress 2019 organized by Energy and Environment Foundation (EEF) at NDCC, Parliament Street, New Delhi.



Dainik Jagran CSR Awards 2019

Award under the category Environment Conservation during its maiden award ceremony on February 27, 2019 in New Delhi



Hindustan Ratna PSU Awards 2017

Award for 'Excellence in Innovation' category at a glittering awards ceremony held at Hotel Taj Palace, New Delhi on April 12, 2017.

RECOGNITIONS



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GRIHA RATING CONSTRUCTION

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NBCC (India) Limited

Thank You.