



Indian Concrete Institute
Hyderabad Centre

**ICI(HYDC)-UltraTech Build Beautiful
Award for Homes/
Commercial Building 2018**



State	Telangana
District	

Details of owners & consultants

Name of the Residence / Name of Owner			
Address of nominated building (provide PIN code)			
	Taluk :		Dist :
Name of the Owner (S)			
Postal address for immediate Correspondence (provide PIN code)			
	Phone/Mobile		E-mail:
Structural Consultant (If any) Individual's or Firm name to be provided			
	Phone/Mobile		E-mail:
Architect / Planner (If any) Individual's or Firm name to be provided			
	Phone/Mobile		E-mail:
Builder / Contractor / Developer Individual's or Firm name to be provided			
	Phone/Mobile		E-mail:

Design Detailing and construction methods.			
Description of structure (Tick the Annexures enclosed)	Details of Architectural / Structural Design	Details regarding types and quantity of concrete used.	Special Construction Methods if used.
	Annexure - A	Annexure - B	Annexure - C
Practice adopted for better execution of project			
Investigation materials used etc project in terms of (Tick the Annexures enclosed)	Details of investigation done/ quality assessment of materials done	Alternate Building Materials used (instead of conventional Materials)	Technical Assistance taken <ul style="list-style-type: none"> • Material testing 3rd party tests • Additional technical services from any agencies, material manufacturer • Water/concrete testing service • Training of labor etc, • Any other
	Annexure - D	Annexure - E	
	Challenges faced during construction- site condition-unforeseen challenges.		Annexure - F
Alternate Materials – efforts towards sustainable construction.			
Sustainability in construction –Green concept.	The provision of rainwater harvesting, solar, water recycling etc.,	Green concepts in design and execution	Certificates obtained for any of the sustainability /green concepts
	Annexure - H	Annexure - I	Annexure – J
Economics in construction costing – time – safety measures adopted.			
Economics construction costing & safety measures.	Details regarding Economy/ Costing and Time	Details on safety practices adopted	Declaration (as provided) Tax receipt etc.,
	Annexure - K	Annexure - L	Annexure – M
A write up – Why my Structure should be selected for the award			Annexure – N

ANNEXURES:

DESIGN DETAILING AND CONSTRUCTION METHODS.

Annexure - A

(Please use additional sheets)

Details of Architectural / Structural Design

- Details of Architectural / Structural Design. – Architectural design concept & special analysis or design concept used in structural system (provide if available in hard copy or PDF format only)
 - Please specify any constraints/challenges/client requirement at site.
- Please provide details/write-up on the concept of design of structure, both architectural and structural system.
- Enclose important drawing especially the special features adopted.
 - Various stages should be explained.
 - Clearly mention about the number of floors below ground, type of foundation adopted.
- Provide photos of various stages of construction especially the special declared in the application. If soft copies are given kindly ensure all drawings shall be in PDF format only – **(Autocad or any other design software files are not accepted.)**

Annexure - B

DETAILS REGARDING TYPES AND QUANTITY OF CONCRETE USED.

Was mix design carried out for the concrete mix?: Yes No

If Yes, Provide details.

- Where mix proportion was done, externally or internal lab. Provide basic detail of the proportion

(Enclose separate sheets, if required.)

Type of concrete

Type of Concrete	Site Mix Concrete (Cu.M)	Ready Mix Concrete	Total Concrete Quantity (cu.m)
Volume of Concrete (Cu. M)			

GIVE DETAILS OF SPECIAL CONCRETE USED, IF ANY

- Type of special concrete used:
- Quantity of special concrete (cu.m):
- Grades of concrete used:
- Was any admixture (Mineral / Chemical) used? : Yes No
 - If yes, provide details – which chemical – purpose & where it was used.
- Type of Cement used OPC / PPC / Grade
- If yes, give details (Enclose separate sheets, if required)
- Details of quality control for concrete
- Was workability and strength of concrete tested periodically? : Yes No
- If yes, give details (Enclose separate sheets, if required):
- Was strength of concrete measured periodically? : Yes No
- If yes, give details (enclose separate sheets, if required):
- Any other works done for improving quality? Please provide details – like technical services obtained, training process adopted in that specific site.)

Annexure - C

SPECIAL CONSTRUCTION METHODS (PROVIDE DETAILS AND PHOTOS):

- Mechanization if adopted (Machine tools, equipment used)
- Automation if any used.
- Alternate construction methods used
- Challenges Faced
- Pest Control
- Water proofing methods
- Any other

Annexure – D

PRACTICE ADOPTED FOR BETTER EXECUTION OF PROJECT

DETAILS OF INVESTIGATION DONE/ QUALITY ASSESSMENT OF MATERIALS DONE

Please provide details

- Investigation done for getting inputs for the design / analysis.
- Soil investigation
- Water Test
- Tests done on materials before they are used in the project

Annexure - E

ALTERNATE MATERIALS USED

Please provide details on

- Bricks/Concrete Block/Fly Ash blocks/Light weight concrete block (AAC) Any Other.
- Special/Fly ash/Slag in concrete
- Ready to use materials like – dry mix mortars for joining/plaster or surface treatment or Dry mix concrete.
- Concrete Frames for doors and windows
- Precast elements/Components used
- Any other

Annexure - F

TECHNICAL ASSISTANCE TAKEN.

Please provide details on

- 3rd party assistance taken for QA & QC practice. (please provide frequency copies of the test results)
- Additional technical services form material manufacturers like cement/steel/construction chemicals/
- Mobile Lab service / water testing / on site concrete tests
- Training for polishing skills labour at this site.
- Specialist consultation for Plumbing & Electrical work

Annexure – G

CHALLENGES FACED DURING CONSTRUCTION –SITE CONDITION – UNFORESEEN CHALLENGES

Please provide the provision of

- Challenges encountered because of site condition, natural calamities.
- Challenges faced for design both architectural & structural
- Unforeseen challenges encountered during construction

Annexure – H

Alternate Materials – efforts towards sustainable construction.

Please provide the provision of

- rainwater harvesting/ground water recharging provisions methods consultancy taken etc.,
- Use of solar energy,
- water recycling etc.,
- Any recycled material used
- Indian Green Building Council (Part of CII)

Annexure - I

Green concepts in design and execution

Please details of Green Construction Design/construction practice provide photographs and a small write up about the concept.

Was Green concept used in the building? : Yes No
Has the project been registered for LEED / GRIHA¹ / IGBC² certification : Yes No
1 India's national rating system for green buildings – Green Rating for Integrated Habitat Assessment.
2 Indian Green Building Council (Part of CII)

Annexure - J

Provide copies of Certificates (if obtained) for any of the sustainability /green concepts

Annexure – K

Economics in construction costing – time – challenges faced – safety measures adopted.

Time line of the project.

Date of commencement of Construction :
Date of completion of building :
Final Project cost (in Crores Rs.) :
Estimated cost (in Crores Rs.) :
Reasons for significant variation :

Annexure - L

PROVIDE DETAILS REGARDING SAFETY PRACTICES ADOPTED:

- Safety measures adopted, if any. (Enclose separate sheets, if required)
 - During excavation
 - Formwork and scaffolding
 - Working at heights
- Safety briefing frequency and Training provided at this particular site.
- Safety of labor in construction work.
- Details of Accidents, if any

Annexure – M

Declaration & copies of statutory certificates/receipts

Please provide copies of the certificates obtained for various activities

- Statutory certificates like the approval for construction/occupancy /tax paid receipt for the building etc.,
- The sample test certificates for the 3rd party tests regarding QA & QC.
- LEED/GRIHA/IGBC if applicable
- Certificate for planned designed water harvesting or solar energy harvesting.

- Any other certificates relevant to this application

Annexure – N (compulsory)

- Please give a brief write up (about 500 words), Why do you feel that your building deserves this Outstanding Concrete Structure Award.

DECLARATION

I/we hereby submit the details of project as mentioned above for consideration for the ICI-UltraTech award for Outstanding Concrete Structure 2018.

I/we hereby state that, the above mentioned particulars are true and correct to the best of my knowledge and correct. If any information given in this application is untrue or incorrect, the organizers would be within its rights to withdraw my application and that I would have no claim whatsoever against the organizers for such withdrawal.

Date :		Name & Signature of the person proposing nomination
Place :		Relation of the proposer with the project.

General Instructions.

Photographs & Videos

- Please provide digital photos on CD along with the hard prints, this will be necessary to display during the program
 - Arrange and title the hard prints in right way to be self-explanatory
- It would be great if a Power point presentation with right caption for the photos is provided.
- Please Provide Video if available
 - Promotional videos of the property with computer-generated images of the building will not be considered.
 - Videos from inauguration/house warming or Inspection will not be considered.
- The videos & photographs during construction even taken on a mobile is welcome.

*Soft copy of this nomination form will be sent on request mail to:

Last date for submission of the duly completed nomination forms.	16th August, 2018
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The filled up complete nomination to be sent to the following address

ER. P. Srinivas Reddy Chairman ICI (Hyderabad Centre) #303, HSR Arutla Residency, Vivek Nagar, Chikkadapally, Hyderabad -500020. Phone : 9666011193 Email : padurus@yahoo.com	Mr. N. Srinivas Rao, Regional Head (Technical Services) UltraTech Cement Ltd., 401, 4th Floor, Aditya Trade Centre, Aditya Enclave Road, Ameerpet, Hyderabad – 500 038 Phone : 9848543050 Email : <u>nandika.rao@adityabirla.com</u>
Er. Mavul Rao, Hon. Secretary, ICI (HYDC) # 8-2-234/66/A/5, L.N. Nagar, Yousufguda, Hyderabad - 500045, T.S. Mobile : 8008501095 Email : mavul_rao@yahoo.com	Mr. Sunil.Kotta, TTSM UltraTech Cement Ltd 401, 4 th Floor, Aditya Trade Centre, Aditya Enclave Road, Ameerpet, Hyderabad – 500 038 Mobile : 9948222894 Email : <u>sunil.kotta@adityabirla.com</u>

Indian Concrete Institute

The Indian Concrete Institute is a professional organisation – working in the field of Concrete and Concrete Construction. ICI as known in short form the Indian Concrete Institute was formed on the 7th September 1982 with its headquarters in Chennai. The ICI now has about 12000 members all India with over 38 centres, 152 student Chapters – 10500 student members. The objective of ICI include

1. Promoting growth of concrete construction and its sub specialisation.
2. Disseminate information and train personnel by organising seminars/ conferences/ workshop/ Deminars/ Exhibitions on recent technologies and construction practices.
3. Training programs for fellow members /students and corporates.
4. Collaborate with national / international agencies.
5. Identify R & D problems of practical relevance.
6. To identify and recognise outstanding construction and outstanding performers in the field of Concrete Technology / Concrete Construction.

The ICI – UltraTech Award is the Program to recognise the structures that are built strong & durable.

For more details about Indian Concrete Institute, please visit www.indianconcreteinstitute.org

A brief note about UltraTech Cement Ltd.,

UltraTech Cement Ltd. is the largest manufacturer of grey cement, Ready Mix Concrete (RMC) and white cement in India. It is also one of the leading cement producers globally. UltraTech Cement has 12-Integrated plants, 1-Clinkerisation unit, 19-grinding units, 7-Bulk terminals, 1-White cement plant, 2-WallCare putty plants and more than 100-RMC plants – spanning India, UAE, Bahrain, Bangladesh and Sri Lanka. The company has an installed capacity of around 96.5 Million Tonnes Per Annum (MTPA) of grey cement. UltraTech as a brand embodies 'strength', 'reliability' and 'innovation'. Together, these attributes inspire engineers to stretch the limits of their imagination to create homes, buildings and structures that define the new India.

A majority of UltraTech's state-of-the-art manufacturing units are accredited with the highest quality standards and certifications such as ISO 9001 for quality systems, ISO 14001 for environmental management systems and OHSAS 18001 for occupational hazard and safety management systems.

UltraTech Cement has been selected as Superbrand and Powerbrand by the Superbrands Council and Powerbrand respectively.

The advertisement for UltraTech Cement Ltd. is presented on a yellow background. At the top, it features the 'POWER BRAND' and 'SUPER BRAND' logos, followed by the 'UltraTech CEMENT' logo with the tagline 'The Engineer's Choice'. The central section is titled 'Products' and displays a grid of various UltraTech products, including concrete grades (UltraTech CONCRETE), ready-mix concrete (UltraTech RMC), and specialized products like levelplasi, WALLCARE, and XTRALITE. Below the products, the 'Services' section is highlighted, featuring a yellow service truck and the text 'Technical guidance at your doorstep absolutely free (Toll free ☎ - 1800 425 2525)'. At the bottom, there are two text boxes: one for 'UltraTech Building Solutions' described as a 'One stop shop' for construction needs, and another for the 'ULTRATECH CUSTOMER CARE CENTRE' which handles pre-sales and post-sales inquiries. A toll-free number '1800 425 2525' is prominently displayed in the center-bottom.

Through its current communication, UltraTech also exhorts the nation's engineers and architects to '**Build Beautiful**'. Based on the belief that every structure needs to be as aesthetic as it is long lasting, the Build Beautiful campaign urges its audience to create structures that go beyond being just strong and durable.