



Indian Concrete Institute
Hyderabad Centre

ICI(HYDC) - UltraTech Award 2018 Out Standing Concrete Structure



Buildings Category

Infrastructure Category

(✓ Tick the appropriate box)

DETAILS REQUIRED:

Name of the **Project** and its location.

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Land Mark

Pincode.

Please provide the details of people/companies involved in the project.

Owner (s)	Name	
	Address Provide Pincode	
	Phone No	
	E-mail	
Consultant(s) Structural consultants/engineers Individuals or Firm name to be provided.	Name	
	Address Provide Pincode	
	Phone No	
	E-mail	

Architect (s) Individuals or Firm name to be provided.	Name	
	Address Provide Pin code	
	Phone No	
	E-mail	
Contractors/Constructors Individuals or Firm name to be provided.	Name	
	Address Provide Pin code	
	Phone No	
	E-mail	

DETAILS OF ANNEXURES REQUIRED

Design Detailing and construction methods.			
Description of structure (Tick the Annexures enclosed)	Details of Architectural / Structural Design	Details regarding Concrete used	Construction Methods
	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	Materials used	Alternate Building Materials used
	Annexure - D	Annexure - E	Annexure - F
	Technical Assistance taken (material testing 3rd party tests additional technical services for many agencies, training of labor etc,)	Challenges faced during construction- site condition- unforeseen challenges.	
	Annexure - G	Annexure - H	
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 - I	Annexure - J	Annexure – K
Economics in construction costing – time – safety measures adopted.			
Economics construction costing & safety measures.	Details regarding Economy/ Costing and Time	Details on safety practices adopted	Declarations
	Annexure - L	Annexure - M	Annexure – N
A write up – Why my Structure should be selected for the award			Annexure – O

Annexure - A DESIGN DETAILING AND CONSTRUCTION METHODS.

(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
 - 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, pre-stressing or post tensioning is 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.

(Please use additional sheets)

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 copies of mix proportion calculation & results obtained.)

Type of concrete

Type of Concrete	Site Mix Concrete	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) (provide type and quantity used in a table:
- Grades of concrete used:
- Was any admixture (Mineral / Chemical) used? : Yes No
 - If Yes provide details – which chemical – purpose and where it was used.
- Type of Cement used OPC / PPC
- 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**CONSTRUCTION METHODS (PROVIDE DETAILS AND PHOTOS):****(Please use additional sheets)**

- 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****(Please use additional sheets)****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 the structure for assurance of the Quality
- Tests done on materials before they are used in the project.

Annexure - E**PROVIDE DETAILS OF MATERIALS USED IN THE PROJECT**

Bricks/Concrete Block/Any Other.

Cement OPC/PPC/PSC

Site Mix Concrete/RMC

Any Admixture used at Site Concrete

Annexure - F**ALTERNATE MATERIALS USED****Please provide details on**

- Concrete/Fly ash/AAC/other blocks used instead of bricks
- 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 - G

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/
- Training for polishing skills labour at this site.
- Specialist consultation for Plumbing & Electrical work

Annexure – H

Challenges faced in the Project.

1. Challenges encountered because of site conditions, natural calamities.
2. Challenges faced for design both architectural and structural
3. Unforeseen challenges encountered during construction

Annexure – I

Alternate Materials – efforts towards sustainable construction.

PROVISIONS MADE FOR SUSTAINABILITY

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
- Any other

Annexure - J

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 - K

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

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

Annexure - L

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 - M

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 – N

Declaration & copies of statutory certificates/receipts

- 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 – O (compulsory should be provided in a separate sheet with heading Annexure O)

- 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.

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.

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

Last date for submission of the duly completed nomination forms.

16th August, 2018

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 : nandika.rao@adityabirla.com
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 : sunil.kotta@adityabirla.com

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 Building Solutions is presented on a yellow background. At the top, it features the 'POWER' and 'PROBIO' logos on the left, the 'UltraTech CEMENT The Engineer's Choice' logo on the right, and the word 'Products' in the center. Below this, a grid of product logos is displayed, including various concrete types (UltraTech CONCRETE), wall care products (WALLCARE), and building products (SEAL & DRY, FIXORLOCK, XTRALITE, POWERCROUT, SUPER STUCCO, READIPLAST). A central image shows a concrete mixer truck. Below the products, the word 'Services' is written, followed by 'Technical guidance at your doorstep' and 'absolutely free' with a toll-free number '1800 425 2525'. At the bottom, there is a section for 'UltraTech Building Solutions' with a brief description of their 'One stop shop' service, and a 'Toll free - 1800 425 2525' call to action. On the right side of the bottom section, a small text box describes the 'ULTRATECH CUSTOMER CARE CENTRE' which handles pre-sales and post-sales inquiries.

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