

## **ACCE(I) – L & T FORMWORK AWARD 2019**

### **BEST USE OF FORMWORK RESULTING IN OUTSTANDING STRUCTURES**

- A. SHORT TITLE OF THE AWARD:** ACCE(I) – L & T FORMWORK AWARD 2019
- B. INSTITUTED BY:** LARSEN & TOUBRO LIMITED, ECC DIVISION, CHENNAI
- C. INCEPTED SINCE:** 2001
- D. PERIODICITY OF THE AWARD:** ANNUAL
- E. GENERAL CRITERIA FOR SELECTION FOR THE AWARD:**

For this award, work executed using any material for formwork for any kind of structure will be considered, primarily focusing on innovativeness, economy, adaptability, ease of usage, repeatability, localization, indigenization, etc.

The magnitude and volume of work executed shall not be a criterion for evaluation.

The work designed should have been incorporated in the project and project shall not be more than 3 years old as on closing date of filing nomination.

The criteria for selection for this award shall be based on the following by giving appropriate weightage for all/some of the following, the discretion for which shall rest with the jury duly constituted for the purpose:

1. Alternatives considered and the reasoning for the selection of the adapted system/design.
2. Innovativeness in the design of formwork.
3. Usage of unconventional support systems.
4. Effective usage of locally available material to achieve the desired results.
5. Effective usage of material and/or technology for cost saving/economy, including recycling/reuse of an existing material, without compromising on the quality of the finish.
6. Development of a new system resulting in patenting the same.
7. Effective development of forms and features without additional external intervention either for aesthetics or architectural requirements.



8. Development of additional skill set for the personnel deployed in the usage of the system.
9. Intrinsic knowledge enhancement because of the usage of the system for the personnel.
10. Ease of usage of the system in comparison with other considered alternatives.
11. Scalability of the locally available talent for the execution of the same.
12. Additional training required for the execution of the developed system.
13. Probable shortcomings identified in the design stage, for which the design was modified before execution.
14. Unlisted shortcomings experienced during execution, and the remedial measures initiated to overcome the same.
15. Development of an alternative to an existing patented system.
16. Enhancement of the number of repetitive cycles of usage in comparison with the existing systems.
17. Need for usage of any specialized equipment for the assembly and dismantling of the adapted system.
18. Has this system been tried/used earlier, upon which improvements have been incorporated for this project – if yes, please provide details of the earlier attempts.
19. Recipient of any special recognition/awards earlier from other Organization/s.
20. Expression of willingness to share knowledge about this system, with the engineering fraternity for the betterment of the community in particular and our Country in general.
21. System adopted, a development of an Individual or a team. Please provide details.
22. If the system was a collaborative effort by various stake holders, please provide details of all the entities involved in the development of the system.
23. Desired finish been a result exclusively due the deployment of the system adapted, or was there a contribution from the used material also.
24. Special materials/admixtures used in the development of Concrete for this work.
25. Submission of any other relevant information pertaining to the award.

#### F. NOTE:

1. Please attach the check list below along with Nomination Form
2. Use separate sheets to give detailed explanations against each query.
3. Attach as many photographs as possible for better presentation and understanding.
4. Attachment of video of the work being executed is also permitted.
5. Submit one Hard Copy of along with soft copies – TEN CD/DVD containing the same information as provided in the Hard copy.
6. Please adhere to the same sequence and format of presentation as listed below:-





## G. CHECK LIST/DETAILS TO BE FURNISHED.

1. Name of the Applicant/Organization: [ ]
2. Name of the Project for which submission is being made: [ ]
3. Location of the Project: [ ]
4. Name of the Client: [ ]

## H. AWARD SPECIFIC INFORMATION:

1. Name/s of the Designer/s who were involved in the project: [ ]
2. Name/s of the Contractor/s who executed the work: [ ]
3. List of all Sub-contractor/s associated with the execution of the Job: [ ]
4. Names of the personnel involved in the execution of the project at site: [ ]
5. Project specific requirements for the design: [ ]
6. Salient design concepts which in your opinion had a major bearing on the design:
  - a. Architectural: [ ]
  - b. Structural: [ ]
  - c. Execution: [ ]
7. Materials used and the need for the choice of the specific material: [ ]
8. Scaffolding and formwork design – salient points: [ ]
9. Brief about all the specialized equipment's used the project: [ ]
10. Description of the execution, with respect to:
  - a. Major site constraints: [ ]
  - b. Details about Shoring –Design and Execution, for excavation if any: [ ]
  - c. Salient structural and execution features of the foundation executed, including  
special foundations for machinery: [ ]
  - d. Details of pre-casting-techniques, design, formwork, casting, lifting, hoisting and placement - If used: [ ]
  - e. Details of structural system adapted – its salient feature, construction details, and uniqueness if any: [ ]



# ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA)



**ACCE  
AWARDS**

**19**

**ACCE(I) Annual Awards 2019**

*Celebrating Excellence*



- f. Details of design and execution of the roof slab, including suspended slabs if any: [ ]
- g. Details of design and execution all kinds of flooring adapted including Grade slab, Pavements etc: [ ]
- h. Details of any project specific specialized structures constructed as a part of the overall process for the project: [ ]
- i. Any other relevant feature executed to enhance or supplement the overall performance of the structure: [ ]
- j. Details of any initial investment cost economization incorporated in the structure: [ ]
- k. Details of all effective running maintenance cost reduction features incorporated in the structure. [ ]
11. Issues faced during execution, not considered for during design stage: [ ]
12. Was the choice of the type, system and intended finish help in better quality of finish and reduction in overall cost of the project? If so, please elaborate. [ ]
13. Has this system been tried/used earlier, upon which improvements have been incorporated for this project? If yes, please provide details of the earlier attempts. [ ]
14. Report/s on failure/s if any. [ ]
15. Action taken report on overcoming the shortcoming in either the design or execution. [ ]
16. References for such works having been carried out earlier elsewhere and anybody else. [ ]
17. Is It a patented system, or generic? [ ]



# ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA)



**ACCE**  
**AWARDS**

19

ACCE(I) Annual Awards 2019

*Celebrating Excellence*



18. Was it conceptualized, designed, developed and executed completely in -house? [ ]
19. If the answer to the previous question is yes, is it being patented? [ ]
20. If it was a collaborative effort, the roles and accountability for the intended finish from each of the stake holders, the names of the individuals who contributed for the same and the exact details of their role in the work executed. [ ]
21. Any other relevant information or features, which in your opinion would make this nomination best suited for the award. [ ]





## NOMINATION FORM

### NOTE:

- 1 To be filled and submitted individually for each Nomination.
- 2 Please do not change the format of the application form while filling the details.
- 3 Please go through the CHECK LIST for complete compliance of the requirements for submission.
- 4 The printed hard copy (ONE NUMBER) and the CD/DVD (TEN Copies) containing all the other documents relevant to the award for which nomination is sought, should be sent by SPEED POST/COURIER, to reach us on or before the due date.

### A NOMINATION FOR: ACCE(I) – L & T FORMWORK AWARD

### B GENERAL INFORMATION:

1. Name of the Applicant/Organization:

2. Type of Organisation:

3. Address for Correspondence:

To be addressed to: Mr/Mrs/Dr.

Designation:

Door Number

Name of the Building

Main Road

Cross Road (If any)

Area/Locality:

Nearest Land Mark:

City:



# ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA)



# 19

ACCE(I) Annual Awards 2019

*Celebrating Excellence*



State:

PIN Code:

Landline with STD Code:

Mobile Number

Email:

Company/Personal Website:

**4. Brief Profile of the Organisation:**

(Brochure of the Organisation to be attached. In case of Individuals please attach a Bio-data of self).

**5. Your role in the Project: (Please tick)**

Client

Consultant

Main Contractor

Sub-Contractor

**6. Key Personnel of your Organisation/Company associated with the Project**

(Separate Annexure can be filed, detailing the role of each Individual in the Project.)

SL. No.	Name	Designation	Role in the Project	Email	Mobile
1.					
2.					
3.					
4.					
5.					





**7. Person nominated for receiving the award on your behalf:**  
(If you are unable to attend the Award Ceremony)

Name:

Designation:

Mobile Number:

Email:

**C PROJECT INFORMATION:**

**1. Name of the Project being submitted for Nomination:**

**2. Project Location Address:**

Door Number

Name of the Building

Main Road

Cross Road (If any)

Area/Locality:

Nearest Land Mark:

City:

State:

PIN Code:







**3. Details of Service Providers associated with the Project:**  
(Separate Annexure can be filed, detailing the role of each individual in the Project)

	Name	Address for Correspondence	Email	Mobile
Clients				
Structural Engineer				
Architect				
Project Management				
Consultants				
PHE Consultants				
Other Service				
Consultants				

**4. Schedule of the Project:**

Start Date:

Completion Date:



# ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA)



**ACCE  
AWARDS**

**19**

**ACCE(I) Annual Awards 2019**

*Celebrating Excellence*

5. Total value of the work executed in INR:
  
6. If you are the Main Contractor, Details of all Sub-Contractors associated with the Project:  
(Separate Annexure should be filed. Detailing the role of each Individual Sub-Contractor in the Project)
  
7. If you are the Sub-Contractor, Details of Main Contractor/s associated with the project:  
(Separate Annexure should be filed. Detailing your role in the Project)



**DECLARATION BY APPLICANT**

1. I/We certify that the details presented in this Application are factually correct and truly represent the works carried out by me/us/the persons mentioned.
2. I am/We are agreeable to ACCE(I) Utilizing, with due acknowledgements of the source, the material presented in this Application for any article/report for publication in the ACCE(I) Bulletin and agree to supply any additional information if required.
3. I/We agree to inspection/verification, and to facilitate such inspection/verification, of the details provided in this Application of the nominated Project by ACCE(I) if and when requested by ACCE(I).
4. I/We agree to providing any additional information/clarifications if requested by ACCE(I) with respect to this nomination.
5. I/We accept that ACCE(I) may consider this application for an Award if any other suitable category if it does not qualify for the award category applied under with due intimation to me/us in writing.
6. I/We accept the decision of the ACCE(I)'s Award Committee and its evaluation procedure as final binding in all matters relating to this Nomination.

Date:

Seal and Signature of Applicant

Place:

Name & Designation





## CHECK LIST

(LIST OF DOCUMENTS TO BE SUBMITTED ALONG WITH NOMINATION FORMS IN THE SAME SEQUENCE AS INDICATED BELOW)

1. Company/Organisation Profile
2. Personal Bio-Data (If you are applying in your Individual Capacity)
3. Details of all Key Personnel of your Organization/Company associated with the project and description of their roles as C.6 above
4. Details of all Service Providers associated with the Project and description of their roles as per D.3 above.
5. Details of all Sub-Contractors associated with the Project and description of their roles as per D.6 above (If applicable)
6. Details of Main Contractor/s associated with the Project and description of their roles as per D-7 above (if applicable)
7. Project completion certificate from the client indicating the start date, completion date and the value of the work executed for which nomination is being submitted.
8. Relevant Details/Documents as per separate check list for each award mentioned under each award category.

