



KERALA IRRIGATION INFRASTRUCTURE
DEVELOPMENT CORPORATION LIMITED
(A Government of Kerala Undertaking)
T.C. 84/3 (Old 36/1),
NH66 Bypass Service Road,
Near Eanchakkal Jn., Chackai P.O.,
Thiruvananthapuram 695024
CIN : U45203KL2000SGC014127
Mob:9495000870, 0471-2506815
E:iidctvm@gmail.com, kiidc.wrd@kerala.gov.in
Web : www.kiidc.kerala.gov.in

GOVERNMENT OF KERALA

**KERALA IRRIGATION INFRASTRUCTURAL ENGINEER
DEVELOPMENT CORPORATION**

QUOTATION NO 08/ 2024-25

KIIDC/163//2024-OA3

28/10/2024

Quotation Advertisement

We are inviting quotations for providing Structural consultancy and design services for our upcoming project titled "Proposed IT Park Building" at the Kallada Irrigation Project Campus, Kottarakkara. The proposed IT Park is strategically located at the Kottarakkara Ravinagar Campus, falling under the ambit of the Kallada Irrigation Project in the Kollam district of Kerala. This site is optimally positioned to leverage the existing infra-Structure and regional advantages, aligning with the vision of creating a technological hub for innovation and development. This is a government project requiring strict adherence to standards and guidelines.

Project Overview:

- Location: Kallada Irrigation Project Campus, Kottarakkara
- Type: IT Park Building
- Land Area: 106 cents

No	Floor	Built up square Area in Sqft
1	Basement	24813
2	Ground floor	18314
3	First floor	12755
4	Second floor	12755
5	Third floor	12755
6	Fourth floor	12755
7	Fifth floor	12755
8	Terrace floor	12755

Scope of the Work Includes

1. Foundation Plan: Details the layout, dimensions, and specifications of footings and foundations.

2. Excavation Plan: Indicates the areas to be excavated for foundations and basements.

3. Footing Details: Provides detailed drawings of all footings, their sizes, reinforcement, and relative positions.

4. Column Layouts: Displays the arrangement of columns, with details on reinforcement, sizing, and locations.

5. Plinth Beam Layout: Shows the layout and construction details of plinth beams connecting foundation elements.

6. Ground Floor Slab Plan: Layout and reinforcement details of the ground floor slab.

7. Elevations and Sections: Provide vertical positioning of elements like beams, slabs, and openings.

8. Beam and Slab Layout Plans: Include details for all structural beams and slabs on each floor level, including reinforcement details.

9. Shear Wall Details (if applicable): Specifications for any shear wall needed for lateral strength.

10. Staircase Details: Shows the Structural engineer of staircases including reinforcement.

11. Lintel and Chajja Details: Specifications for lintels and chajjas over doors and windows.

12. Roof Plan and Details: Layout and reinforcement details for the roof Structural engineer.

13. Retaining Walls Details (if applicable): Design and reinforcement details for retaining ground or soil.

14. Miscellaneous Structural Elements: Any other unique structural components specific to the project.

15. Design calculations for all the above mentioned Structural and analytical models with the load cases including dynamic and static condition must be prepared and submitted before prior approval

All these documents should align with local building codes and regulations. Additionally, obtaining necessary approvals for each phase is essential for compliance with the Kerala State Government's construction guidelines.

Requirements:

- Proven experience in similar projects
- Adherence strictly to IS codes and standards
- Submission of a detailed project execution plan
- Timeline for delivery

General Conditions:

- Follow all relevant codes and standards
- Geotechnical investigation report and present site location plan is attached for consideration
- Strict adherence to government regulations
- Proposals must include past experience and team qualifications,

STRUCTURAL ENGINEER SERVICES:

A. DEVELOPMENT PERIOD

Stage	Obligation of Structural engineer	% of payment
Stage I	Site visit along with employer's representative after Preparation of completed drawings, for obtaining T S and further work permit from LSGD as required for statutory clearance and getting clearance from executing agency with modification if any required by executing agency	15%
Stage II	Preparation of detailed Structural drawings, all plans etc and site visits during construction and preparation of modified drawings on any alterations as requested by the Department/Employer. The payment shall be given after getting a Certificate from the Executing Agency stating that. the above	35%

Stage III	The payment shall be given after getting a Certificate from the executing Agency stating that the detailed drawings were received and the finishing works has been started or 80% completed and verified by the Authorized agency/Employer	35%
Stage IV	On submission of final bill and completion certificate signed V by Structural engineer concerned and on getting statutory approval from local body whether necessary and on ready for functioning including all amenities	15%

- Structural Engineer shall study the project and keeping with local by laws and regulations and have to prepare preliminary plans in consultation with the employer. The preliminary conceptual plans should be got approved by KIIDC and KIIFB officials and the Structural engineer shall modify the same required by the employer after obtaining the written approval of the employer.
- Three copies of the Structural drawing including plan sections , rough cost estimates, all drawings etc shall be furnished along with brief specifications of the components supported with details of rates / quantities to the satisfaction of the employer after written approval of the preliminary sketch and drawing
- The Structural engineer shall prepare the detail working drawings and construction drawings of all items necessary at the time of execution of the work based on the latest rectification
- The Structural engineer shall assist the employer in getting all the plans needed for obtaining approval from the competent authority and make necessary modifications as maybe required by the competent authority without any extra charge
- Fees for submission for obtaining sanction from LSGD / KSEB / KWA / PWD will be payable by the KIIDC
- The Structural engineer shall also provide further details and drawings which are necessary for the proper execution of the work.
- In the event of the failure of the Structural engineer to complete and to do his work within the stipulated time in a satisfactory manner or in the event of the Structural engineer committing a breach of any one or more of the terms and conditions, the Employer shall be entitled to rescind the work without prejudice to his rights to claim damages or other rights or remedies under the law.
- The Structural engineer shall prepare working drawings and details sufficient for the proper execution of the works in advance and any delay in this case to be avoided for the proper completion of the project
- The Structural engineer shall also render any other services connected with the said works usually and normally rendered by Structural engineer and not referred to in any of the sub clauses
- The Structural engineer shall aid and advice the Employer in preparing a maintenance and operational Manual
- The Structural engineer has to attend review meeting being conducted by the employer and shall give his opinion regarding the queries, suggestion etc.
- The Structural engineer shall monitor and review the rectification of defects and deficiencies of the project when requested by the employer

- On completion of the project the Structural engineer shall inspect the work along with the employee any authorized officer and give a final report and completion certificate in this regard
- The Structural engineer shall attend any dispute review meeting as and when requested by the employer and give his remark
- The work herein may be terminated at any time on one month notice by the Employer In the event of the termination of the work by the employer, the Structural engineer shall not be entitled to any compensation or damned by reason of such termination and as decided by the employer
- If the Structural engineer shall close his business or die or become incapacitated from acting as such Structural engineer as aforesaid, or if this work is terminated as provided, the Employer may make use of all or any drawing, estimate or other documents prepared by the Structural engineer after payment for the same, as decided by the Employer.

A detailed report including prior work experience, team qualifications, project timeline and costs should be submitted within the said quotation. The amount shown in the quotation should be inclusive of tax. Quotations submitted after the specified time will not be accepted. The title of the work should be indicated on the superscript of the envelope containing the quotation. Quotation documents and other details should be delivered by speed post/post to the office of the undersigned before 3 PM on 16th November 2024. The title of the work should be indicated on the superscript of the envelope containing the quotation. The said quotations shall be opened on the same working day at 4 PM by the Managing Director or his designated officer. The terms and conditions of the Government of Kerala quotation are also applicable to this quotation.

We look forward to receiving your professional proposals and partnering with dedicated firms to realize this prestigious project. Your compliance with the outlined conditions and commitment to quality is essential.

For the Managing Director,

S/d

CHIEF EXECUTIVE OFFICER