



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



TERMS OF REFERENCE

Post: Building Service Engineer

Reporting relationship: Head of Project Engineering

Employment Type: Ordinary (first year on contract)

Gross Salary: MVR 22,730

RESPONSIBILITIES AND DELIVERABLES

1. Provide professional planning and management of the projects executed by FDC.
2. Monitor multiple projects during the design stages. This will include both the technical and administrative tasks.
3. Identify and conceptualize the building MEP requirement for social housing projects in Maldives.
4. Prepare detailed MEP designs, review, and comment building systems.
5. Physically engage in the design process to create drafts from concept level up to the execution level. This includes but is not limited to preparing, drafting, and reviewing building services and related technical drawings (design drawings, shop drawings and as-built drawings).
6. Perform design calculations, specification research, compile data, and other supporting technical project information.
7. Ensure all communications and documentation with regards to the project are planned and managed effectively, such that these are easily retrievable when required.
8. Assist in the management of the projects throughout the project life cycle: project initiation, planning, implementation, and closure; ensuring the achievement of the projects' goals and objectives.
9. Assist all relevant stakeholders during field surveys and site visits and provide guidance to the stakeholders in carrying out the works effectively.
10. Provide direction and technical expertise in design, development, and systems integration. This is including but not limited to executing new technical integrations to support related activities on housing projects.
11. Ensure that all the relevant contractual, performance and statutory standards are met. Additionally, coordinate with statutory authorities to ensure compliance with required standards, building codes, regulations and policies pertaining to the planning process.



12. Coordinate closely with other professionals, including structural engineers, architects, and project team to ensure the project is delivered in the most efficient, effective, and coordinated manner.
13. Ensure that designs and installations comply with local, state, and national codes.
14. Review of the employer's requirements and make recommendations to ensure compliance with relevant standards, and regulations.
15. Address any issues related to the performance or functionality of building systems.
16. Conduct regular site visits and inspections as needed.
17. Ensure that systems operate according to design specifications.
18. Perform other related technical tasks and duties as and when assigned by the Supervisor.

REQUIREMENTS

1. MQA level 7 or 8 qualification in Architecture/ Design field with a minimum of 3 to 5 years of professional work experience in the related areas. Or
2. MQA level 5 or 6 qualification in Architecture/ Design field with a minimum of 7 to 8 years of professional work experience in the related areas.
3. Proven work experience as the field of architecture/design.
4. Experience in the related areas including housing, social development, and coordination.

SKILLS AND COMPETENCIES

1. Experience with office management software such as MS Office (MS Excel and MS Word) and familiar with other designing software such as Photoshop and AutoCAD.
2. Use BIM software will be an added advantage.
3. Good communication, presentation and writing skills in both English and Dhivehi. Must be able communicate complex details required for designs effectively through different channels.
4. Must be able to work independently, be reliable and organized.
5. Proven outstanding quantitative skills, decision-making skills, analytical and problem-solving skills. Additionally, must be able to provide high-level technical support. Able to make quick decisions and solve technical problems and adapt to client requirements.
6. Highly organized and should be able to multitask.