

# Proposal for Digital Infrastructure Enhancement Project

## Submitted by Company C to MTCIT

Company C

June 2025

### Cover Letter

Dear Mr. Ahmed Al-Masroori,

We are excited to submit our proposal for the "Digital Infrastructure Enhancement Project" tender issued by MTCIT. Company C, a trailblazer in blockchain-enabled digital solutions and sustainable IT infrastructure, is eager to deliver a secure, innovative, and eco-friendly system that supports Omans Vision 2040. With our established presence in Oman and a passion for cutting-edge technology, we are committed to enhancing MTCITs digital capabilities.

Sincerely,

Your Name

Chief Innovation Officer, Company C

## 1 Company Profile

Established in 2010, Company C is a global leader in blockchain-based digital infrastructure and green IT solutions. Weve completed over 30 transformative projects across the Middle East, including a blockchain-powered e-governance platform for the Qatari government in 2023. Our Muscat office, opened in 2018, reflects our dedication to Omans advancement. We hold CBA and Green IT certifications and received the 2024 "Sustainable Innovator of the Year" award.

## 2 Technical Proposal

### 2.1 Methodology

Our Blockchain-Integrated DevSecOps approach ensures secure, transparent, and efficient delivery.

### 2.2 Technology Stack

- **Blockchain:** Hyperledger Fabric for decentralized data management.

- **Backend:** Python with Django for robust APIs.
- **Database:** MongoDB for scalable storage.
- **Edge Computing:** For real-time processing.
- **Security:** Zero Trust Architecture with blockchain verification.

## 2.3 Timeline

Total duration: 11 months

- Month 1-2: Blockchain framework design.
- Month 3-5: Core system development.
- Month 6-8: Blockchain and cloud deployment.
- Month 9-11: Audits, testing, and handover.

## 2.4 Integration

GraphQL APIs for seamless connection with MTCITs platforms.

## 2.5 Security

Exceeds Omani standards with Zero Trust and blockchain-based verification.

# 3 Financial Proposal

## 3.1 Budget Overview

Total cost: 1,180,000 OMR

- Blockchain and Architecture Design: 220,000 OMR
- Development and Edge Computing: 450,000 OMR
- Integration and Testing: 280,000 OMR
- Security and Audits: 130,000 OMR
- Training and Sustainability: 100,000 OMR

## 3.2 Payment Terms

- 25% upon signing (295,000 OMR).
- 25% post-development.
- 25% after integration.
- 25% upon acceptance.
- Incentive: 2% discount if sustainability goals are met.

## 4 References

1. **Blockchain E-Governance Platform, Qatar (2023)**  
Contact: Ms. Aisha Al-Thani, +974 6677 8899  
Outcome: Reduced processing times by 50%.
2. **Sustainable Data Center, Saudi Aramco (2021)**  
Contact: Eng. Omar Al-Faisal, +966 5544 3322  
Outcome: Cut energy use by 30%.
3. **Smart City Blockchain Solution, Abu Dhabi (2020)**  
Contact: Mr. Hassan Al-Mansoori, +971 2233 4455  
Outcome: Improved data integrity.

## 5 Compliance

Company C adheres to Omani regulations, including the Tender Law and Royal Decree No. 36/2018. We commit to 40% local SME engagement and training Omani professionals.

## 6 Evaluation Criteria Alignment

- **Innovation:** Blockchain and edge computing.
- **Feasibility:** Clear, phased plan.
- **Impact:** 35% faster services and enhanced trust.
- **Cost-effectiveness:** 20% cost reduction via blockchain.

## 7 Additional Commitments

- **Sustainability:** 25% carbon emission reduction.
- **Local Empowerment:** Training for 75 Omani professionals.
- **Extended Support:** 18 months free maintenance.