



North Central Texas  
Council of Governments

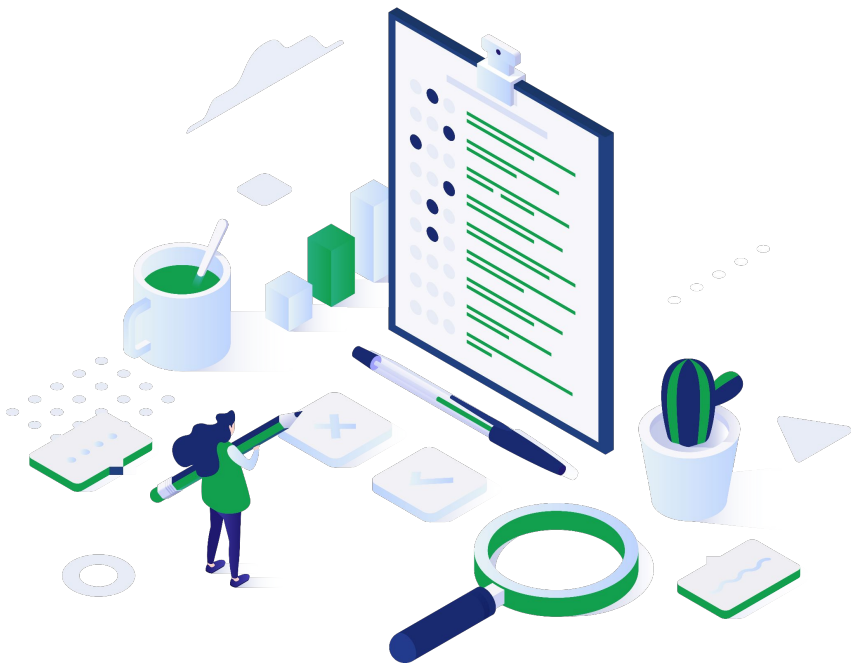
# Quantiphi's Response to North Central Texas Council Of Governments - RFP # 2025-018 - AI Solutions to Public Sector Entities



 **quantiphi**  
Solving What Matters



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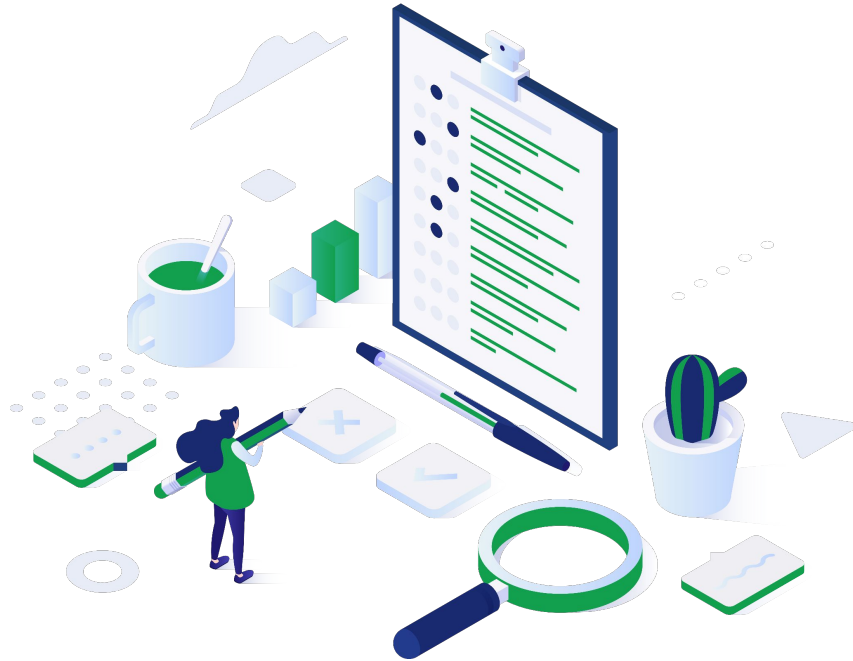
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# 01

## Certificate of Offeror & Statement of Understanding



# TXShare

Your Public Sector Solutions Center

## REQUEST FOR PROPOSALS

For

Artificial Intelligence (AI) Solutions for Public Sector Entities

RFP # 2025-018

Sealed proposals will be accepted until 2:00 PM CT, **January 17, 2025**, and then publicly opened and read aloud thereafter.

Quantiphi, Inc. \_\_\_\_\_

Legal Name of Proposing Firm

Brian Herndon \_\_\_\_\_ Business Development Leader, AWS Public Sector

Contact Person for This Proposal Title

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Mailing Address of Principal Place of Business City/State Zip

Brian Herndon \_\_\_\_\_ Business Development Leader, AWS Public Sector

Point of Contact for Contract Negotiations Title

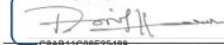


+1 407-716-0966 \_\_\_\_\_ brian.herndon@quantipi.com \_\_\_\_\_  
Point of Contact Telephone Number Point of Contact Person E-Mail Address

Acknowledgment of Addenda (initial): #1\_Received\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_ #4 \_\_\_\_\_ #5 \_\_\_\_\_

**NOTE: Any confidential/proprietary information must be clearly labeled as “confidential/proprietary”. All proposals are subject to the Texas Public Information Act.**

## COVER SHEET

DocuSigned by:  
  
C26811C26F25489

Asif Hasan

Date: 01/23/2025

Quantphi is excited to respond to the The North Central Texas Council of Governments (NCTCOG) and its [members](#) of the TXShare Cooperative Purchasing Program in their pursuit of AI-driven solutions for assisting citizens, observing public trends and enhancing public sector capabilities and efficiencies.

AI has emerged as a pivotal differentiator across organizations, creating new opportunities to increase staff productivity, improve decision making and foster accuracy and innovation. We aim to position ourselves as a trusted partner with proven experience in delivering and scaling AI/ML, Data Science & Analytics solutions for public sector entities. We have a unique value proposition that separates us from our competitors through:

- ❖ **Partnerships** with hyperscalers such as AWS, Google & Azure, supported by strategic alliances with NVIDIA, Databricks and Snowflake
- ❖ A focused [Public Sector practice](#) that combines domain expertise, strategic partnerships and state-of-the-art AI capabilities for innovation and empowerment of our Federal and SLG clients
- ❖ An **IP-lead delivery approach** harnessing our talent and generative AI offerings to drive efficient, reliable and effective delivery
- ❖ Transparent and **collaborative strategy** for solution development and implementation
- ❖ **Competitive pricing** models that utilizes onshore and offshore resources as per solution requirement and organizational needs

We have detailed our proposed solutions, engagement approach and past experiences in the following slides. We are confident that our capabilities and approach to solving public sector challenges will effectively address the problems faced by the participating entities. The success of NCTCOG and its members is our priority and we aim to show our commitment to work with you in the coming months to make this program a success.

YEAR OF  
INCEPTION

2013

QUANTIPHI  
PROFESSIONALS

4200+

YEAR OVER  
YEAR GROWTH

2.5x

CLOUD CERTIFIED  
PROFESSIONALS

3800+

GLOBAL  
PRESENCE

- Boston
- Chicago
- Princeton
- San Jose
- Toronto
- Singapore



- London
- Amsterdam
- Mumbai
- Bangalore
- Trivandrum

## INDUSTRIES

- Public Sector
- Healthcare
- Manufacturing
- Oil & Gas
- Telecom
- Life Sciences
- Retail & CPG
- Education
- Financial Services
- Insurance
- Banking
- Automotive
- Media
- Energy

## Partnerships

Alliances &  
Contract  
Vehicles

carahsoft®

Insight.

shi™

NASPO  
National Association of  
State Procurement Officials

aws marketplace

Quantiphi has developed accelerators, products and services that can be customized to suit the needs of our clients to expedite the timelines and deliver value through AI-driven transformation.



**baioniq** is Quantiphi's enterprise-ready GenAI platform that empowers knowledge workers with relevant information and workflow automation leveraging various foundational models.



Experience  
Personalization



Summary  
Preparation



Data  
Synthesis



Code  
Generation



**QDox** is Quantiphi's AI-powered intelligent document processing accelerator, capable of ingesting, classifying and extracting information across thousands of templates to automate workflows



Claims  
Processing



Transcript  
Processing



Form  
Extraction



Data  
Redaction



**QAssist** is an Intelligent Virtual Agent solution to provide assistance to call center agents, providing a user-friendly experience and human-like interactions for swift resolutions.



Outside Sales  
Assistance



Helpdesk  
Transformation



Context-Based  
Resolution



Agent  
Training

# 02

## Key Personnel



**Client Engagement Manager****Profile Summary**

- A seasoned lead program manager with 10+ years of versatile experience in Business Consulting, Technology Delivery and driving strategic projects.
- Experience of working in large enterprises as well as startups managing several clients and multiple high complexity, technically-oriented projects.
- Key skills including leadership, program management, product management, customer centricity, risk taking ability and a decisive attitude.

**Work Experience**

- Managed and led multiple large programs for customers and an overall book of business worth \$6 Million spanning multiple large global clients.
- Led a project to automate the extraction of key information from lab reports for a US State Department of Health.
- Engaged with CXOs to drive the technical vision and build roadmaps for clients.
- Led multiple technical programs as a delivery manager in an agile software development setup.

**Business Analyst****Profile Summary**

- Experienced Business Analyst with a focus on Machine Learning based projects.
- Have worked on multiple computer vision and data based projects spanning industries such as education, public sector, sports & entertainment.
- Responsible for managing the projects from its inception till completion.
- Key skills include agile methodologies, team management, testing, and project management..

**Work Experience**

- Managed projects to extract key insights from school and college transcripts using intelligent document processing solution
- Managed a project for development of a document processing solution for automating data extraction from citizen benefit forms for a State Labor Department
- Ensured timely completion of projects with sprint planning and task execution.

**Technical Architect - Machine Learning****Profile Summary**

- AWS certified Machine Learning Architect with 8 years of experience in building data-intensive and document analysis applications.
- Proficient in NLP, document information retrieval and object detection with the scripting language in Python, deploying scalable solutions on AWS.
- Leading and managing the Machine Learning Engineers team to build a Document processing and delivering enterprise grade solutions.

**Work Experience**

- Developed a classification and information retrieval solution from legal records for a State Supreme Court by leveraging object detection and Normalization algorithm
- Built and deployed pipeline to extract patient information from eye prescriptions as well as integrated pipeline for model retraining
- Developed a language classifier model using residual network to classify the English and French language with 97% Accuracy

**Machine Learning Engineer****Profile Summary**

- A Senior Machine Learning Engineer with demonstrated history of utilizing Statistics, Machine Learning and Deep Learning in a variety of business domains
- Hands on experience in Natural Language Processing and Computer Vision use cases using various Deep Learning techniques including Large Language Models (LLMs)
- Experienced in Time Series Analysis and building recommendation engines

**Work Experience**

- Hands on experience with low level Tensorflow, Keras and Python for model development
- Built several chatbots using different frameworks such as RASA and AWS Lex
- Migrated a research discovery tool to AWS and enhanced capabilities with Generative AI by leveraging Amazon Titan and Claude 3 Haiku models to improve intent understanding and search accuracy
- Built statistical and deep learning models in the domain of NLP for text classification, sentiment analysis, entity detection, transcription and text summarization

# 03

## Project-Related Experiences, Qualifications & References

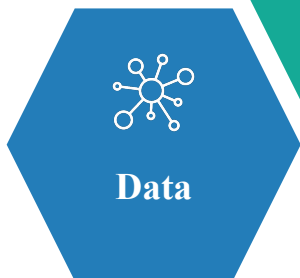
# 3.1

## Offerings in Data, AI & ML



## Key Workstreams

- On Prem / Cloud to Cloud Migration
- Data Cleansing
- Data Consolidation and Integration
- Application Refactoring
- On Prem to Cloud migration
- Tech stack updation



- Server Modernization
- Storage Modernization
- Platform Modernization
- Network Modernization
- Legacy BI tool Migration
- Data Quality Validation
- BI tool upgradation

## Key Value Streams

**Migration**

Cloud transition of existing on premises workloads with necessary refactoring

**Modernization**

Unlocking full potential of cloud by adopting cloud native infrastructure



**600 + dedicated engineering resources** with relevant Cloud Tech Certifications



Expertise in implementing Projects across **multiple industry clients**



**100+ migration & modernization engagements**



**Developed accelerators / reusable templates** to reduce project timelines

### Conversational AI



**Virtual Agents for Process Automation**



**Intelligent Contact Centre**



**Agent Monitoring and Behavior Analysis**



**Customer Sentiment Analysis**

### Forecasting and Recommendation Engine



**Recommendation Engines for Cross Selling/Up Selling**



**Sales Forecasting Engine**



**Customer Churn Prediction**



**Scenario Forecasting**

### Computer Vision



**Remote Video Inspection**



**Damage Estimation**



**KYC and Identity Resolution**



**Sentiment Analytics**

### Document Processing



**Process Automation**



**Auditing and Compliance**



**Enterprise Search Engine**



**Invoice Processing**

### ML Ops



**Large Scale Model Training & Inference Frameworks**



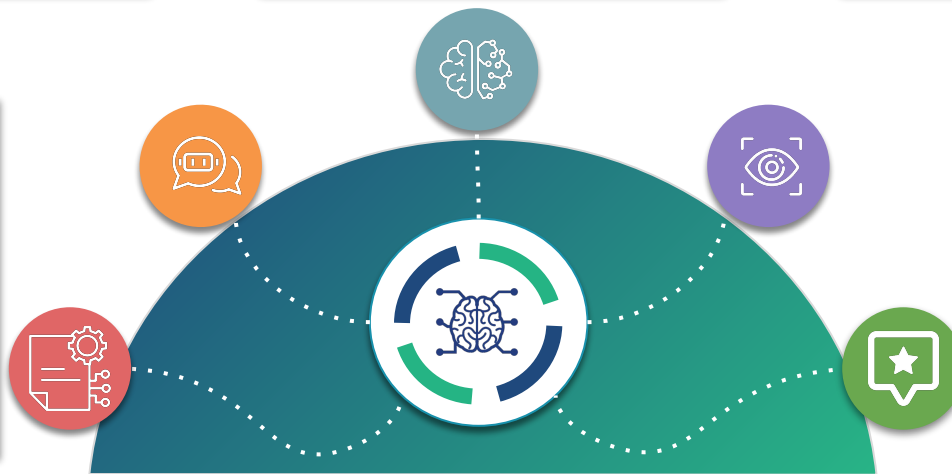
**Model Lifecycle Management**



**Data Science Platforms**



**CI/CD Pipeline Automation**



### Gen AI Enablement (Workshops)

Executive Briefing  
Workshop

Use Case Discovery &  
Prototyping

Hands on Enablement  
(Hackathon)

Path to Production -  
Advisory Workshop

### Gen AI Build (Platform or Applications)

#### Enhanced Knowledge Search

Fully integrated Gen AI powered search optimization for enhanced information retrieval from existing database systems

#### Content Generation

Drafting sales & marketing content for enterprises  
Creating domain specific reports

#### Intelligent Q/A assistants

Leverage Gen AI to understand natural language queries & produce relevant, human-like responses, enhancing user experience

#### Code Generation

Augmented code generation for accelerating software development activities

### Gen AI CoE



Institutionalize Generative AI capabilities within the enterprise



Accelerate Product Development and drive business outcomes using Generative AI models



Faster enterprise adoption of Gen AI through OCM and solution deployment strategies

### baioniq



**baioniq** : Enterprise ready Gen AI platform for accelerated Gen AI deployments



Easy to  
Adopt



Optimised  
Productivity

### Key Differentiators



Early access to hyper scaler Gen AI products



Vertically Integrated Tech Stack to enable self-sufficient, efficient innovation

As part of a co-innovation initiative, AWS has selected Quantiphi as a founding partner for the [Generative AI Partner Innovation Alliance](#) to advance the utilization of GenAI for solving business critical challenges.

# 3.2

## References



# Public Sector Case Study: Automating Claims Processing for Kentucky Department of Labor

Quantiphi collaborated with the Kentucky Department of Labor for developing an insurance and unemployment claims processing solution that saves time and manual efforts through automation of document processing while providing meaningful insights through interactive dashboarding.

## CONTACT

👤 Kenneth Jones  
✉ [kenneth.jones@ky.gov](mailto:kenneth.jones@ky.gov)


### The Opportunity

- Client **manually** processes **hundreds of thousands of documents** related to unemployment and insurance claims annually, increasing workload and data entry hours
- Client is unable to draw **useful insights** from claims documents due to a lack of visibility into the data present in the processed document
- Client was looking for a solution that could **automate** the processing of unemployment and insurance claims documents while providing options for generating insights

### The Solution

- Quantiphi leveraged **QDox** - Quantiphi's intelligent document processing solution - to automate **classification and data extraction** from the documents
- The solution is capable of processing **25 different types** for insurance claim forms
- Our solution provides a custom UI for human-in-the-loop review for processed forms
- Developed an **interactive dashboard** for generating meaningful **business insights into type of claims, total claim payout etc**

### The Impact

  
Actionable insights for data-driven decision making

**10,000+**  
Labor claim related documents processed monthly

**1,600+**  
Data entry hours saved monthly

# Public Sector Case Study: Driving Cloud Adoption and Facilitating Admissions for Illinois Institute of Technology

Quantiphi collaborated with **Illinois Institute of Technology** for setting up a modernized **multi-account AWS cloud environment with the necessary security and governance guardrails** and implementing an intelligent document processing solution for automating the credit review process for **international transfer students**.

## CONTACT

👤 Malik Sundharam  
✉ msundharam@iit.edu

### The Opportunity



### The Solution

- Client wanted to modernize its legacy systems for **streamlining data** and assisting critical administrative processes like analyzing **enrollment trends** and updating **student records**
- Client also wished to implement a cost-effective solution that would be able to provide course-by-course transfer credit evaluation for the international students as well as perform credit articulation
- Prospective international students had to spend **>\$200** on a course-by-course evaluation of their academic record from external vendors, making this a **costly and time-intensive** process
- Collaborated with the Client to deploy and AWS Landing Zone to help the Client's teams access the cloud environment with the necessary security and governance guardrails implemented
- Also deployed QDox, Quantiphi's AI-driven document processing solution to automate the classification and extraction of student information from academic transcripts, translate other international multilingual transcripts to English and provide US Grade equivalency for international transcripts
- The solution provides a User Interface to visualize extracted information alongside the calculated course equivalencies for human review and shares student details to the university CRM.

### The Impact



Drove AWS adoption for IT and research



Centralized control over policies and accounts



Seamless access and efficient data utilization



Smoother, centralized experience and process



Greater visibility into student information

# Public Sector Case Study: Digitizing Civil Case Sheet Processing for Louisiana Supreme Court

Quantiphi developed a document processing solution for the Louisiana Supreme Court for automating the extraction of information from civil case sheets to reduce manual efforts and improve operations.

## CONTACT

 Jennifer Eagan

 jeagan@lasc.org

### The Opportunity

- The Client receives Civil case cover sheets, Petitions, and Judgments for all tort suits filed in the District Courts of the state
- The Court's Administrator's Office manually gathers and analyzes information from these documents, producing reports for the state legislature
- This manual process is labor-intensive and time-consuming. Moreover, the client currently maintains a huge backlog of physical documents, spanning over a decade of archived forms

### The Solution

- Implemented QDox - Quantiphi's intelligent document processing solution that provides automated **extraction of information from ~500,000 historical documents** of 3 types - Civil case cover sheets, Petition and Judgment documents
- The solution also enables **human review** on the data fields extracted prior to storing results in the SQL Server, **ensuring 100% accuracy results**
- The solution resulted in **reduction of human error** from manual data entry and **expedited information transparency** for citizens by making available petitions and correspondent judgments

### The Impact



Reduced manual efforts

90%

Faster searching for case-based information

>45,000

Hours of data entry saved for case data digitization

### Consulting Workshops for GenAI Adoption

👤 James Brookens    ✉ James@petersoncheese.com

#### THE OPPORTUNITY

- [Peterson Cheese](#) is a family owned and operated specialty food importer, distributor, and converter based in Washington and New Jersey.
- Client wanted to analyze current technology landscape to leverage GenAI for different business requirements.

#### THE SOLUTION

- Quantiphi team collaborated with client leadership to review existing technologies and AI capabilities across organization. Team conducted GenAI readiness assessment, conducted workshops to identify and prioritize use cases, and performed feasibility analysis for development of specific use cases.

#### THE IMPACT

- The workshops provided the client with an actionable solution architecture for implementing a GenAI sales assistance use case to help sales team with relevant information on inventory and products to increase operational efficiency.

### GenAI Assistant for Life Sciences Sales Reps

👤 Kumar Erramilli    ✉ kumar@actoapp.com

#### THE OPPORTUNITY

- [ACTO](#) provides an AI-powered SaaS platform to provide learning and education management to life sciences sales representatives.
- The client had developed a chatbot to enable sales reps to address physician queries but the chatbot faced issues with outdated information, content reliability and accuracy issues

#### THE SOLUTION

- To address the above issues, the client has transitioned to Quantiphi's Generative AI platform, **baioniq**. The solution is integrated with the client's existing SaaS solution and enables sales reps to address physician queries on medication dosage, side effects etc

#### THE IMPACT

- The solution provides response to **queries within 5 seconds**, and is currently used by **45K+ customer sales reps**

# 04

## Technical Proposal



# 4.1

## Project Development & Outcomes



Quantphi collaborates with the customer and leverages its industry-focused accelerators to deliver scalable, robust solutions. We follow a well thought out approach that tailors implementation to client priorities, incorporates feedback, to ensure customer satisfaction.



### Assessment & Roadmap Development

- Development of guiding principles tailored to Client
- Business and technical requirement gathering
- Current state assessment report
- Use case requirements & initiative prioritization
- Mitigation strategy for potential risks
- Implementation roadmap



### Proof-of-Concept Implementation

- Cloud account configuration and infrastructure setup
- ML model development and implementation
- KPI measurement for POC performance
- Discovery around performance enhancement for future state
- Solution documentation and knowledge transfer



### Production Deployment and Testing

- POC solution enhancement
- Security and governance setup
- CI/CD pipeline development
- Deployment in User Acceptance Testing (UAT) and production environments
- Performing UAT in conjunction with Client
- Solution documentation and document transfer



### Post-Production Support

- Bug fixes for edge cases and platform-related issues
- Monitoring and enhancement of training and inference pipelines
- Providing incidents metric summary
- System maintenance
- Solution feature enhancement

## Tasks and Deliverables

## Discovery &amp; Design and POC Model Development

## POC Production Deployment and Scaling

## Current State Assessment

- **In-depth understanding** of current state
- Assessing existing data infrastructure and reading to **finalize development approach**
- Defining **Engagement roadmap** with outcomes

## POC Model Development &amp; Validation

- **Map Q assets and accelerators** to accelerate development
- **Fine Tuning ML model** using relevant data
- Iteratively refine models **different ML techniques and evaluate** them on test dataset
- Comparatively analyse the **model accuracy** to select the best model for use case

## Testing, Integration and Production Deployment of Developed POC Model

- **Deploying** the model developed in Engagement 1 into pre-prod/prod environments
- Building **fully automated pipelines** for model inference and inference along with **model monitoring** features
- **Shadow run** for the training pipeline and **load testing** for the deployed model

## Scaling the Solution

- Defining **roadmap** to scale the solution for larger set of markets
- Iteratively make solution changes based on initial feedback from users

## Post Production Deployment - TotalCare

- **Monitoring and maintaining** deployed solution
- Providing support for **technical issues** and queries
- Updating operational documentation with **Root Cause Analysis and resolution of issues**

## Shortlisted ML Use Cases (Illustrative)



Revenue Analytics & Forecasting



Policy & Action Advisory



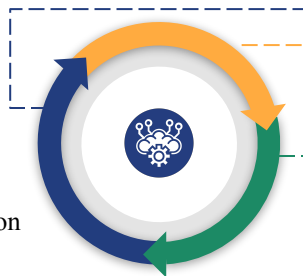
Form Submission Automation



Chatbots & Virtual Assistants

ML Solutions Lab - Iterative development for use cases

Use Case Prioritization



**Solution Ideation** - Understanding potential data sources, business case, and business impact. Creation of high level solution framework and workflow

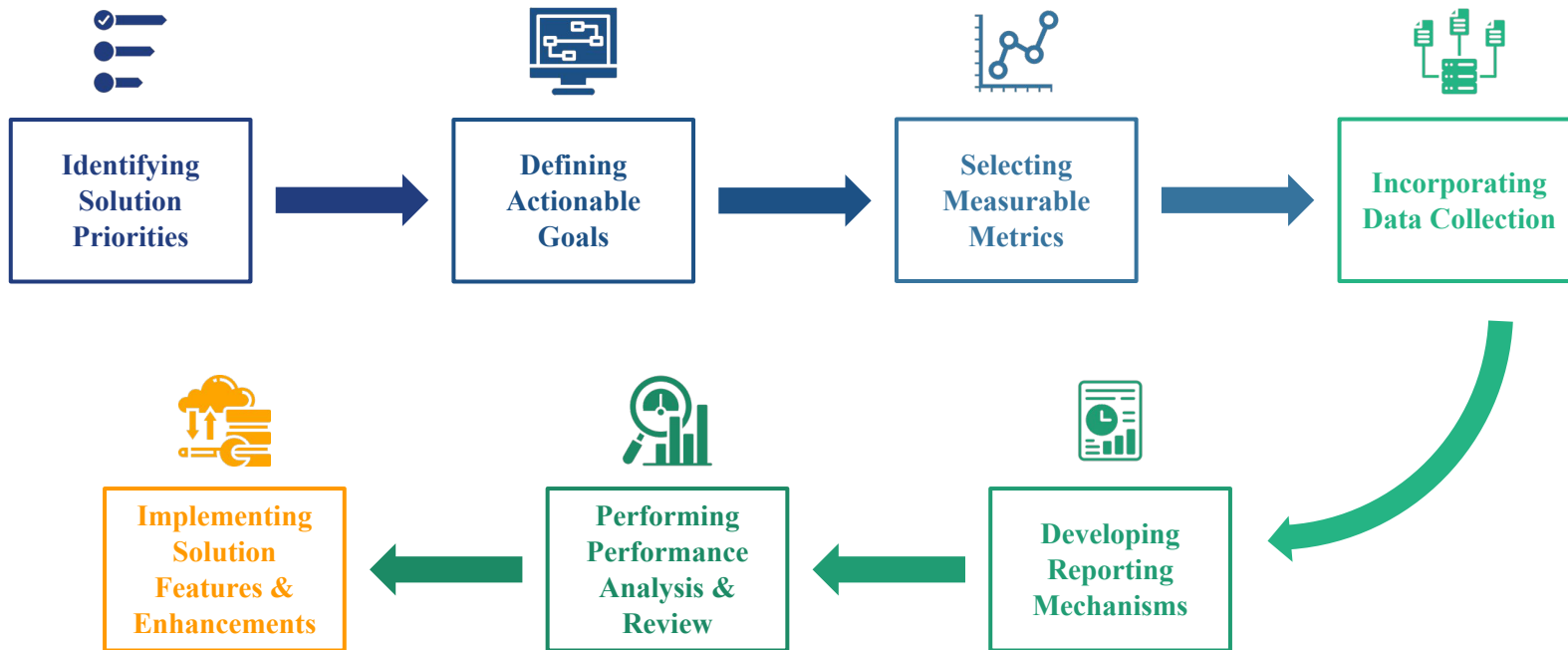


**Technical and Data Discovery**- Analysing the use case, potential data sources and laying down approach for solution development



**Proof of Value (PoV) & Minimum Viable Model (MVM) Development** - Development of PoV for selected use cases - this can be scaled to a MVM to accelerate production deployment

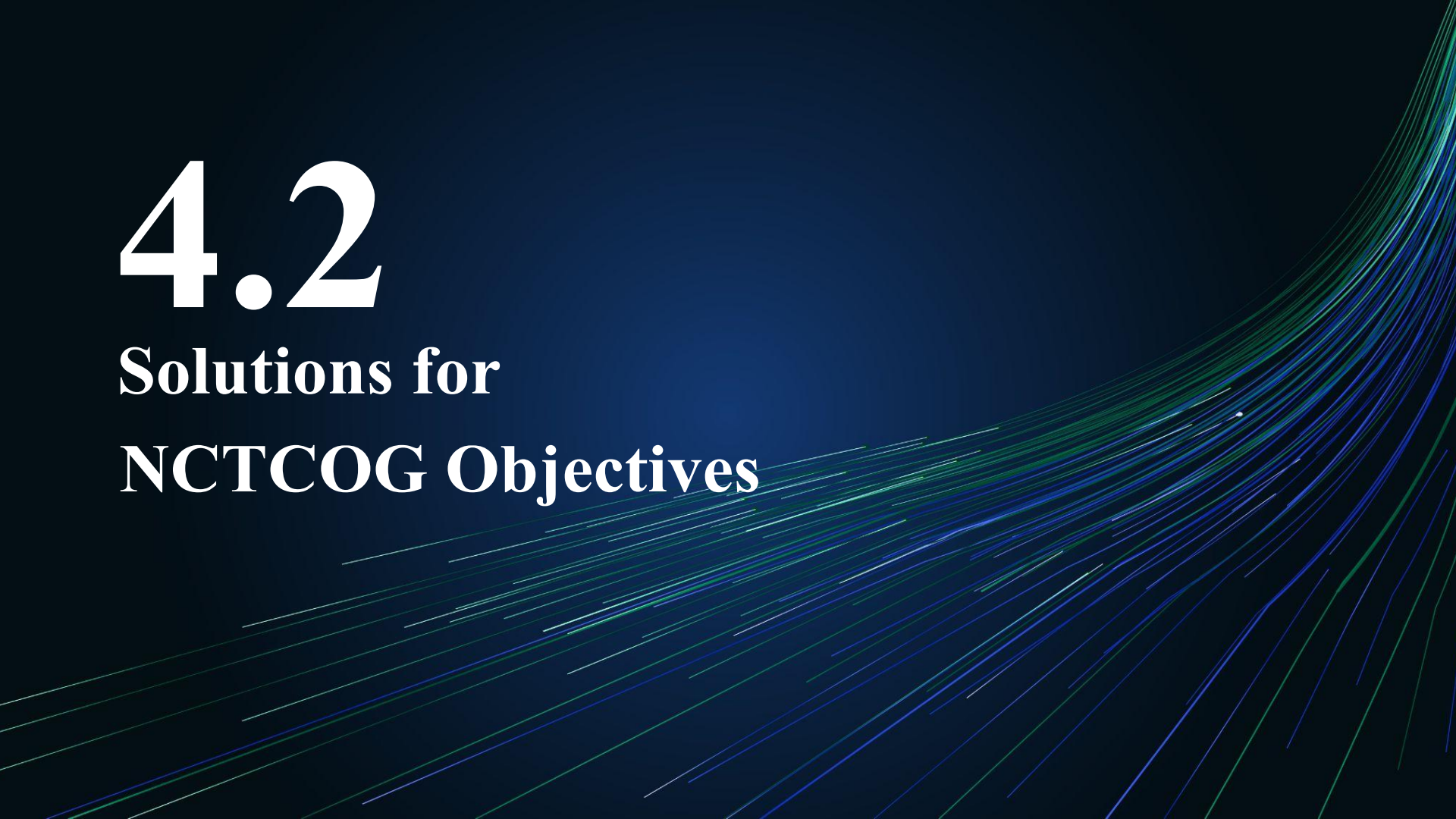
Success criteria and KPIs are jointly defined by identifying goals and obtaining and implementing feedback from the Client in order to arrive at a comprehensive set of indicators that can be utilized for tracking progress and assisting in future development.



# 4.2

**Solutions for**

**NCTCOG Objectives**





**Objective: To support efficient case management, automate routine inquiries, and improve citizens' access to legal information**

### Solution Overview:

Quantiphi proposes to implement 'QDox', its Generative AI-powered Intelligent Document Processing platform to revolutionize court operations through:

- Automated document ingestion, classification, and data extraction
- Intelligent case file management with automated information retrieval
- Advanced document quality enhancement capabilities
- Real-time processing status tracking and updates
- GenAI-powered chatbot for handling routine legal inquiries

The platform offers out-of-the-box capabilities for legal document processing, case management, and workflow automation, ensuring rapid deployment and immediate value realization while maintaining the highest standards of judicial compliance and data accuracy.

### Previous Experience:

**Client:** Louisiana Supreme Court

**Use Case:** Digitizing Civil Case Sheet Processing

**Overview:** The Client had to manually gather and analyze information from Civil case cover sheets, Petitions, and Judgments for all tort suits filed in the District Courts of the state. Implemented QDox - Quantiphi's intelligent document processing solution that automated **information extraction from ~500,000 historical documents**, enabling **human review** on extracted data fields, **reducing of human error** from manual data entry and **expediting information transparency** for citizens.

### Impacts:

**90%**

Faster searching for  
case-based info

**100%**

Accuracy of extracted  
data

**>45,000**

Hours of data entry saved for  
case data digitization



**Objective:** To alleviate IT personnel workload through AI solutions that automate help desk support, streamline processes, and enhance cybersecurity threat detection capabilities.

### **Solution Overview:**

Quantiphi proposes to develop a comprehensive AI-driven solution focusing on two key areas:

- **Help Desk Automation & Process Optimization:**
  - AI-powered virtual assistant utilizing NLP techniques and GenAI agents to resolve user queries and IT support tickets
  - Intelligent knowledge base management system that creates and maintains IT service documentation
  - Automated workflow engine for streamlining IT processes based on company policies and rules
- **Security & Threat Detection:**
  - AI-driven security monitoring system for real-time log analysis and anomaly detection
  - Automated threat assessment platform for early warning and proactive defense
  - Intelligent audit system for continuous security compliance monitoring

This integrated solution leverages advanced ML models for pattern recognition in security threats while using latest GenAI capabilities for help desk automation, ensuring round-the-clock IT support and proactive security monitoring.

**Previous Experience 1:****Client:** Leading Canadian Financial Services Company**Use Case:** AI-Driven Insider Threat Analytics Platform

**Overview:** The client required a proactive solution to protect against potential insider threats that could compromise sensitive data and cause financial damage. Quantphi developed a **Cybersecurity Data Analytics Platform (CDAP)** with User 360 Model capabilities, integrating multiple data sources to detect suspicious activities, unauthorized access to sensitive data, and potential data exfiltration attempts in real-time.

**Impacts:**

Reduction in SLAs  
from 2 weeks to 1 day



Cost savings from  
automated instance  
shutdown



Reduction in manual  
investigation by **85%**



Valuable business  
insights from User 360

**Previous Experience 2:****Client:** Leading US Electric Power Holding Company**Use Case:** AI-Powered Virtual Assistant for Employee Support

**Overview:** The client's support team was overwhelmed with manual query resolution and password management for their internal employees, leading to operational inefficiencies and delayed response times. Quantphi developed a virtual assistant powered by natural language processing, integrating text and voice capabilities to handle employee queries, password management, and account-related issues on a single platform.

**Impacts:**

30% Ticket Resolution  
Automation



Increased employee  
productivity



Smarter insights into  
employee challenges



Round-the-clock  
assistance



**Objective:** To enhance customer engagement, streamline ticketing processes, and optimize event management through AI-driven solutions.

### Solution Overview:

Quantiphi proposes to develop a custom AI-driven solution for your event center operations focusing on four core components:

- Dynamic pricing recommendation engine that optimizes ticket pricing based on real-time demand, historical patterns, and market conditions
- Predictive analytics system for accurate forecasting of ticket sales and attendance, enabling data-driven capacity planning
- AI-powered labor scheduling platform that optimizes workforce deployment based on event demands and predicted attendance
- GenAI-based conversational platform to provide automated responses to customer queries about events, tickets, and venue information

The solution will be built on proven AI/ML technologies, ensuring seamless integration with existing systems, scalable architecture, and enterprise-grade security to streamline operations, improve decision-making, and enhance customer service efficiency. It will feature real-time analytics, continuous learning capabilities, and comprehensive quality control measures while maintaining strict data privacy standards.

### Previous Experience:

**Client:** Leading Sports Analytics & Consulting Firm

**Use Case:** AI-Driven Ticket Management & Consumer Insights Platform

**Overview:** The client faced challenges with their existing ticket management platform including high latency and limited automation, leading to low operational efficiency. Quantiphi developed a unified platform that integrated audience insights and ticketing marketplace capabilities, enabling automated ticket management, streamlined pricing strategies, and enhanced data visualization for quick insight generation.

### Impacts:



Insights generation  
through **28 reports**



Improved efficiency &  
scalability



Centralized customer insights  
& ticketing management



**Objective:** To automate HR processes, enhance employee engagement, and transform recruitment and onboarding experiences through AI solutions.

### Solution Overview:

Quantiphi proposes to develop a custom AI-driven solution for your HR operations focusing on four core components:

- AI-powered recruitment automation system that streamlines CV screening and candidate matching using advanced ML algorithms
- Intelligent chatbot platform to handle HR queries and provide 24/7 support for employees and candidates
- GenAI agents to:
  - Assist with interview scheduling, candidate evaluation, and feedback collection
  - To streamline new employee documentation and training processes

The solution will be built on proven AI/ML technologies, ensuring seamless integration with existing HRMS, scalable architecture, and enterprise-grade security. It will feature real-time analytics, continuous learning capabilities, and comprehensive quality control measures while maintaining strict data privacy standards.

### Previous Experience:

**Client:** Leading US Electric Power Holding Company

**Use Case:** AI-Powered Virtual Assistant for Employee Support

**Overview:** The client's support team was overwhelmed with manual query resolution and password management for their internal employees, leading to operational inefficiencies and delayed response times. Quantiphi developed a virtual assistant powered by natural language processing, integrating text and voice capabilities to handle employee queries, password management, and account-related issues on a single platform.

### Impacts:



30% Ticket Resolution  
Resolution



Smarter insights into  
employee challenges



Increased employee  
productivity



Round-the-clock  
assistance

# 4.3

## Data Governance And Security





## Discover

Capture the current state of data lifecycle, business processes and technical capabilities

- ❖ Data Discovery
- ❖ Data Profiling
- ❖ Data Inventories
- ❖ Process Inventories
- ❖ CRUD (Create, Read, Update, Delete ) analysis
- ❖ Capabilities assessment



## Define

Understanding business terminology, policies, rules, standards, processes, and measurement strategy

- ❖ Business Associate Agreement to ensure PII safeguards and compliance requirements
- ❖ Business glossary creation
- ❖ Data classification and relations
- ❖ Business Rules
- ❖ Key Performance Indicator
- ❖ Reference Data
- ❖ Data governance policies



## Apply

Operationalize and ensure compliance with data governance policies, business rules, etc captured through the Discover and Define process stages

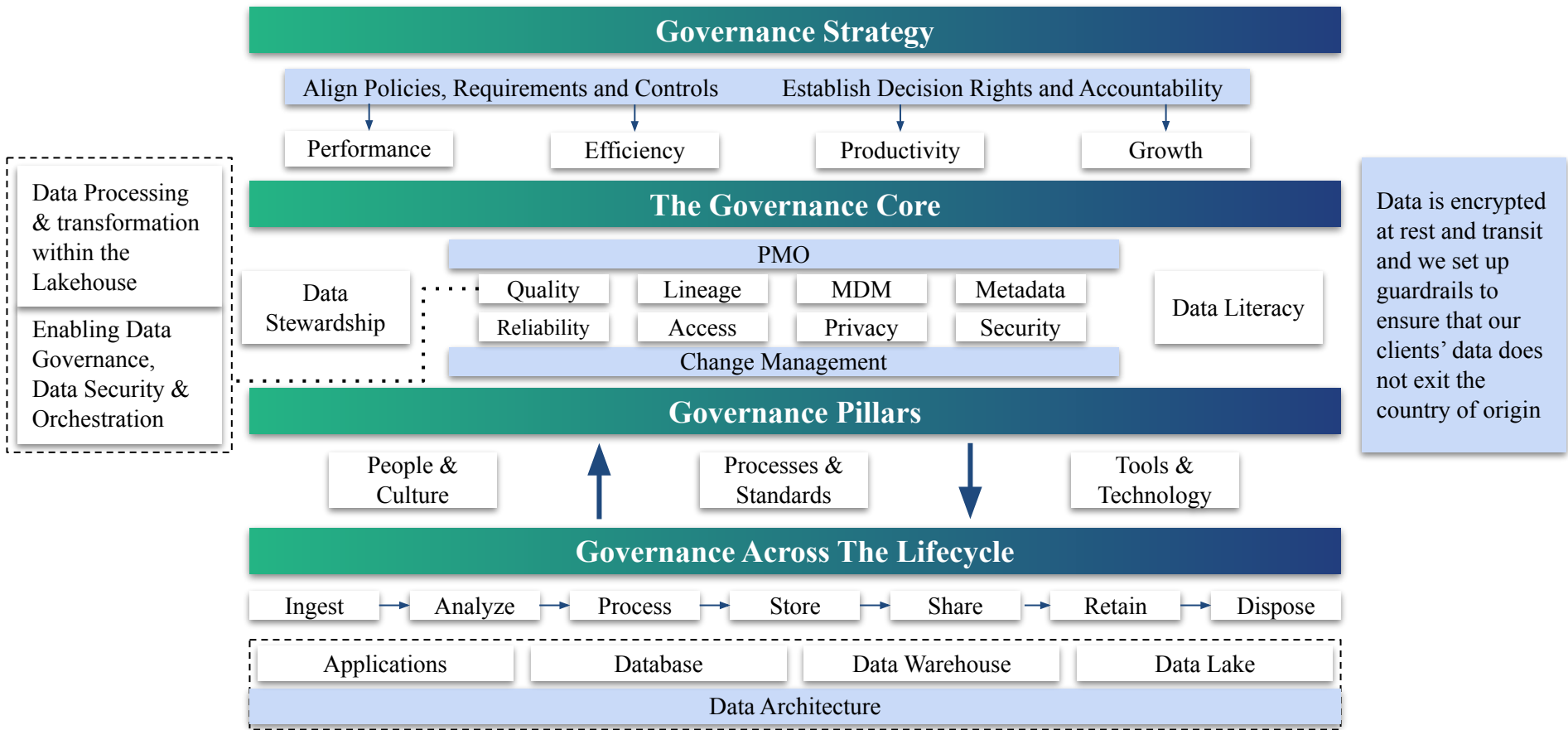
- ❖ Automated Rules
- ❖ Manual rules
- ❖ End to end workflows
- ❖ Business / IT collaboration



## Measure &amp; Monitor

Easily connect, ingest, transform & integrate big data

- ❖ Proactive monitoring
- ❖ Reactive Operational Data Quality audits
- ❖ Audits / Dashboard monitoring
- ❖ Data Lineage analysis
- ❖ Program Performance
- ❖ Business value / Return On Investment





### Encryption at Rest

- All the data stored in Amazon S3, Amazon Redshift or in the volume of Amazon EC2 will be encrypted
- We leverage **AWS Backup** that will encrypts the backup data using encryption keys managed by the AWS KMS



### Encryption in Transit

- **Implement secure protocols** such as Transport Layer Security (TLS) or IPsec, to reduce the risk of data tampering or loss via endpoints or AWS API
- **Configure secure protocols using Amazon data service (Amazon Aurora / Amazon Redshift)**



### Key Management

- **AWS Key Management Service (KMS)** makes it easy to create and manage cryptographic keys and control
- **AWS KMS** uses hardware security modules that have been validated under FIPS 140-2 to protect your keys
- **AWS KMS** is integrated with AWS CloudTrail to provide you with logs of all key usage



### Access Control

- We will leverage AWS Lakeformation & AWS IAM to implement **Role Based Access** for Data platform
- **Underlying data access control** – Permissions on locations in Amazon S3 and **Role Based Access** for Amazon Redshift
- Adding AWS IAM Policy permissions to achieve **Least Privilege Principle**

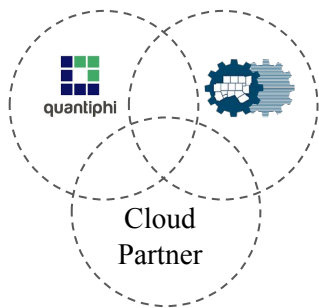


### SIEM

- **Amazon Guard Duty** continuously monitors for malicious or unauthorized behavior to protect your data
- We can also leverage **third party tools** from the AWS Marketplace to provide robust cloud-based SIEM for real-time visibility and incident detection across your network, endpoints, and cloud services

# 4.4

## Project Management, Reporting and Knowledge Transfer



Quantiphi will follow Agile development methodologies for delivering projects for TXShare members. Weekly project update meetings will ensure that all stakeholders involved in this project are aware of progress and any challenges are highlighted immediately. We refer to this collaborative model as Quantiphi's **One Team Model**.

### Strategic Alignment

Jointly evaluate priorities and develop a comprehensive engagement roadmap



**Executive  
Workshop**



**Design  
Thinking**



**Use case  
Prioritization**

Enterprise wide AI-first  
Digital Transformation

**20+**

Digital Transformations  
across Industries

### Technical Enablement

Collaborative engineering & technical enablement to streamline processes to accelerate innovation and deliver effective AI and data solutions.



**R&D  
Readouts**



**Hands-on  
Prototype  
Designing**

### Technical Workshops

- Architecture Development
- Modular AI Design
- Scalable Model Hosting

### AI Collaboration

- ML Development
- Platform Enhancements
- Application & Analytics Integration

- Conducted 20+ technical workshops
- End-to-end production deployment of 200+ ML models

### Cloud Partnerships



# Our Project Governance Model

Quantiphi is committed to ensuring a successful partnership with NCTCOGs' members through a structured governance model. We will provide a dedicated point of contact at each level - strategic, tactical, and operational - to ensure smooth communication, decision-making, and effective collaboration. This approach will foster a strong and aligned partnership, enabling us to meet members objectives and drive continuous success



North Central Texas  
Council of Governments



## Leadership Meet (Monthly)

**Executive Sponsors**  
**IT and Business Leads**  
**Project Leadership**

- Review of relationship KPIs
- Strategic roadmap for collaboration
- Identify opportunities for organization-wide scale up

**Account Executive**  
**Strategy & Program Lead**  
**Delivery Lead**

## Tactical Meet (Every two weeks)

**Project Leadership**  
**Project Team Members**

- Program Health, Prioritization
- Review of key metrics, Risk Mitigation
- Value Additions and Improvements

**Delivery Lead**  
**Client Engagement Manager**  
**Tech Lead**  
**Project Team**

## Operations Team Meet (At least Once a week)

**Project Team Members**

- Project Status Reports, Change Requests
- Review of Delivery Metrics, KPIs
- Project Risks and Mitigation

**Client Engagement Manager**  
**Tech Lead**  
**Project Team**

Strategic

Tactical


Operational

Communication



Quantiphi performs rigorous testing of its solutions before handover to ensure and demonstrate their quality, reliability, stability and security. Our rigorous testing procedures ensure transparency and customer satisfaction. Once the solution is suitably tested and approved, it is deployed into the client's environment, with automated CI/CD pipelines as per the requirements.

### SOLUTION TESTING

 **Unit testing** for individual solution components



**Load Testing** for testing solution strength & capacity



**User Acceptance Testing** performed in conjunction with client for approval



**Deployment** of the solution into the client's production environment



Quantiphi's training philosophy ensures that stakeholders are trained in the most effective manner, enabling a smooth transition and having a minimal learning curve to deliver path-breaking performance. Knowledge transfer/Training practices encompass creating and distributing knowledge for reuse and learning across the organization. We employ the following strategies for efficient knowledge transfer:

### KNOWLEDGE TRANSFER



**Job Shadowing Program** - Quantiphi SMEs provide walkthrough of tasks to client stakeholders



**Technical Documentation** - Solution architecture and user manual for solution details and transparency



**Job Aids** - Documentation for assisting executives in real time, including code snippets and to-do lists



**Webinars** - Recorded sessions for critical processes to reduce distortion & promote quick adoption

# TotalCare - Our Managed Services Offering

Quantiphi provides **post-deployment support** through our TotalCare managed services offering. Customers can utilize TotalCare for managing the solution, resolving errors and implementing bug fixes. Key offerings include:



## Infrastructure

### 1) Billing & Instance Management:

Manage Billing & Accounts. Optimize with best practices

### 2) Event support:

Deployment / Product Launch support. Scalability guidance for peak traffic times, etc.



## Apps

### 1) Self Service & Automation:

Common issues reporting & monitoring automations. Self service workflows deployments

### 2) Software / Apps Support:

Guidance & troubleshooting for AWS platform deployed apps & interoperability

## Hypercare

### Premium Technical Support:

24\*7 service desk  
Defined SLA resolutions



## DL/DW/ML



### 1) Pipelines & Data:

Provide resiliency, optimize security, robust deployments, Site Reliability Engineering

### 2) Care & Feeding:

Guidance on Platform health, cost efficiency, scalability

## Team



### 1) Staff Aug Teams:

Certified Cloud Support Engineers, Solutions Architects available to provide guidance and help as needed

### 2) Dedicated TPM:

Assist with case management, present insights, and proactively keep AWS environment healthy

# 05

## Proposal Pricing



Quantiphi offers a pricing model that is both efficient and cost-effective for clients, incorporating the use of offshore resources or a hybrid approach with onshore resources to meet specific client needs and project requirements. As a premier partner for leading cloud providers, Quantiphi can also avail funding provided by our Cloud Partners for eligible customers and projects to ease the financial burden of implementation.

**Please note:** In addition to the resources provided in the pricing table, Quantiphi may charge for additional effort-dependent components, including but not limited to platform setup costs, licensing fee (for Quantiphi IP, if used) Right To Use fees, TotalCare costs (if applicable).

### Proposed Pricing - RFP No. 2025-018

**Respondent Name:** Quantiphi, Inc.

### Artificial Intelligence (AI) Consultancy Services

| Item | Description   | Price (Onshore - US)<br>In Dollars per Hour | Price (Offshore) In<br>Dollars per Hour |
|------|---|---|---|
| 1    | Solution Architect/ Engineer - Software Development/Machine Learning/Data Engineering/Platform Engineering Skills | \$280-\$180                                 | \$90-\$50                               |
| 2    | UI/UX Leads & Designers   | N/A   | \$60-\$30                               |
| 3    | Technical Lead/Analyst - Quality Assurance  | \$130-\$110                                 | \$50-\$30                               |

| Item | Description                                  | Price (Onshore - US) In Dollars (\$) per Hour | Price (Offshore) In Dollars (\$) per Hour |
|------|--|---|---|
| 4    | Conversational Designer                      | \$160-\$140                                   | \$60-\$40                                 |
| 5    | Client Engagement Manager / Business Analyst | \$180-\$140                                   | \$90-\$50                                 |

# 06

## Proposed Vaue-Add





Quantiphi has established dedicated **Public Sector and Education practices**, offering a diverse range of services such as cloud modernization, predictive analytics, contact center transformation, solutions for claims processing, student chatbots, public trend analytics and many more. Quantiphi also offers **strategic advisory services** to help public sector organizations prioritize and **transform key processes** by providing AI readiness assessments, GenAI advisory workshops and cloud transformation strategies.



built on 

Quantiphi offers **QDAP**, our accelerator that simplifies extending on-premises data to AWS by automating the rapid creation of **purpose-specific data pipelines** as input for ML & GenAI use-cases, thereby expediting **AI/ML adoption**.



Pre-Built DB &  
Application Connectors



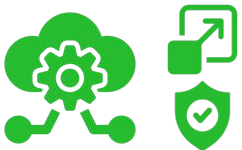
Purpose-Specific Data  
Pipeline Creation



Industry Compliant  
Governance & Security



Flexibility of  
Customization



Quantiphi has **3800+** certified Cloud professionals, with **multi-Cloud** experience and **multi-environment** expertise. We have delivered over 2,500 AI projects in the past 11 years, with proven success in implementing solutions with still emerging technologies. We have been awarded AI/ML and Industry **Partner of the Year** by AWS in 2021 and 2022 respectively, as well as Social Impact Partner of the Year by GCP in 2019. Our dedicated AI R&D team focuses on cutting-edge innovation, having filed 21 AI-related patents and being granted 4 patents. Quantiphi is a go-to partner for empowering public sector organizations with scalable, secure, state-of-the-art solutions.

# 07

## Required Attachments





## ATTACHMENT I: INSTRUCTIONS FOR PROPOSALS COMPLIANCE AND SUBMITTAL

### **Compliance with the Solicitation**

Submissions must be in strict compliance with this solicitation. Failure to comply with all provisions of the solicitation may result in disqualification.

### **Compliance with the NCTCOG Standard Terms and Conditions**

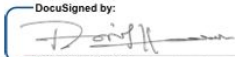
By signing its submission, Offeror acknowledges that it has read, understands and agrees to comply with the NCTCOG standard terms and conditions.

### **Acknowledgment of Insurance Requirements**

By signing its submission, Offeror acknowledges that it has read and understands the insurance requirements for the submission. Offeror also understands that the evidence of required insurance must be submitted within ten (10) working days following notification of its offer being accepted; otherwise, NCTCOG may rescind its acceptance of the Offeror's proposals. The insurance requirements are outlined in Section 2.2 - General Terms and Conditions.

Name of Organization/Contractor(s):  
Quantiphi, Inc.

Signature of Authorized Representative:

DocuSigned by:  
  
CSAB11C08F25489  
Asif Hasan, Co-Founder

Date: 01/23/2025



## ATTACHMENT II: CERTIFICATIONS OF OFFEROR

I hereby certify that the information contained in this proposal and any attachments is true and correct and may be viewed as an accurate representation of proposed services to be provided by this organization. I certify that no employee, board member, or agent of the North Central Texas Council of Governments has assisted in the preparation of this proposal. I acknowledge that I have read and understand the requirements and provisions of the solicitation and that the organization will comply with the regulations and other applicable local, state, and federal regulations and directives in the implementation of this contract.

I also certify that I have read and understood all sections of this solicitation and will comply with all the terms and conditions as stated; and furthermore that I, Asif Hasan certify that I am the Co-Founder (title) of the corporation, partnership, or sole proprietorship, or other eligible entity named as offeror and respondent herein and that I am legally authorized to sign this offer and to submit it to the North Central Texas Council of Governments, on behalf of said offeror by authority of its governing body.

Name of Organization/Contractor(s):

Quantiphi, Inc.

Signature of Authorized Representative:

DocuSigned by:  
  
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Asif Hasan, Co-Founder

Date: 01/23/2025



### **ATTACHMENT III: CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS**

This certification is required by the Federal Regulations Implementing Executive Order 12549, Debarment and Suspension, 45 CFR Part 93, Government-wide Debarment and Suspension, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668, 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned certifies, to the best of his or her knowledge and belief, that both it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency;
2. Have not within a three-year period preceding this contract been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) transaction or contract under a public transaction, violation of federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false Proposals, or receiving stolen property;
3. Are not presently indicated for or otherwise criminally or civilly charged by a government entity with commission of any of the offense enumerated in Paragraph (2) of this certification; and,
4. Have not within a three-year period preceding this contract had one or more public transactions terminated for cause or default.

Where the prospective recipient of federal assistance funds is unable to certify to any of the qualifications in this certification, such prospective recipient shall attach an explanation to this certification form.



## Attachment III (2/2)

Name of Organization/Contractor(s):

Quantiphi, Inc.

Signature of Authorized Representative:

DocuSigned by:  
  
CBAB11C08F25489

Asif Hasan, Co-Founder

Date:

01/23/2025



### ATTACHMENT IV: RESTRICTIONS ON LOBBYING

Section 319 of Public Law 101-121 prohibits recipients of federal contracts, grants, and loans exceeding \$100,000 at any tier under a federal contract from using appropriated funds for lobbying the Executive or Legislative Branches of the federal government in connection with a specific contract, grant, or loan. Section 319 also requires each person who requests or receives a federal contract or grant in excess of \$100,000 to disclose lobbying.

No appropriated funds may be expended by the recipient of a federal contract, loan, or cooperative agreement to pay any person for influencing or attempting to influence an officer or employee of any federal executive department or agency as well as any independent regulatory commission or government corporation, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered federal actions: the awarding of any federal contract, the making of any federal grant, the making of any federal loan the entering into of any cooperative agreement and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

As a recipient of a federal grant exceeding \$100,000, NCTCOG requires its subcontractors of that grant to file a certification, set forth in Appendix B.1, that neither the agency nor its employees have made, or will make, any payment prohibited by the preceding paragraph.

Subcontractors are also required to file with NCTCOG a disclosure form, set forth in Appendix B.2, if the subcontractor or its employees have made or have agreed to make any payment using nonappropriated funds (to include profits from any federal action), which would be prohibited if paid for with appropriated funds.



## LOBBYING CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge or belief, that:

1. No federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an officer or employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal loan, the entering into of any cooperative Contract, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative contract; and
2. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, and or cooperative contract, the undersigned shall complete and submit Standard Form – LLL, “Disclosure Form to Report Lobbying”, in accordance with the instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub- awards at all tiers and that all sub-recipients shall certify accordingly.

Name of Organization/Contractor(s):  
Quantiphi, Inc.

Signature of Authorized Representative:

DocuSigned by:  
  
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Asif Hasan, Co-Founder

Date:  
01/23/2025



## **ATTACHMENT V: DRUG-FREE WORKPLACE CERTIFICATION**

The Quantiphi, Inc. (company name) will provide a Drug Free Work Place in compliance with the Drug Free Work Place Act of 1988. The unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited on the premises of the Quantiphi, Inc. (company name) or any of its facilities. Any employee who violates this prohibition will be subject to disciplinary action up to and including termination. All employees, as a condition of employment, will comply with this policy.

### **CERTIFICATION REGARDING DRUG-FREE WORKPLACE**

This certification is required by the Federal Regulations Implementing Sections 5151-5160 of the Drug-Free Workplace Act, 41 U.S.C. 701, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668 and 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned subcontractor certifies it will provide a drug-free workplace by:

Publishing a policy Proposal notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the consequences of any such action by an employee;

Establishing an ongoing drug-free awareness program to inform employees of the dangers of drug abuse in the workplace, the subcontractor's policy of maintaining a drug-free workplace, the availability of counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed on employees for drug violations in the workplace;

Providing each employee with a copy of the subcontractor's policy Proposal;

Notifying the employees in the subcontractor's policy Proposal that as a condition of employment under this subcontract, employees shall abide by the terms of the policy Proposal and notifying the subcontractor in writing within five days after any conviction for a violation by the employee of a criminal drug abuse statute in the workplace;



## Attachment V (2/2)

Notifying the Board within ten (10) days of the subcontractor's receipt of a notice of a conviction of any employee; and,

Taking appropriate personnel action against an employee convicted of violating a criminal drug statute or requires such employee to participate in a drug abuse assistance or rehabilitation program.

Name of Organization/Contractor(s):

Quantiphi, Inc. \_\_\_\_\_

Signature of Authorized Representative:

DocuSigned by:  
  
C8AB11C08F26480

Asif Hasan, Co-Founder

Date: 01/23/2025



### ATTACHMENT VI: DISCLOSURE OF CONFLICT OF INTEREST CERTIFICATION REGARDING DISCLOSURE OF CONFLICT OF INTEREST

The undersigned certifies that, to the best of his or her knowledge or belief, that:

“No employee of the contractor, no member of the contractor’s governing board or body, and no person who exercises any functions or responsibilities in the review or approval of the undertaking or carrying out of this contract shall participate in any decision relating to this contract which affects his/her personal pecuniary interest.

Executives and employees of contractor shall be particularly aware of the varying degrees of influence that can be exerted by personal friends and associates and, in administering the contract, shall exercise due diligence to avoid situations which give rise to an assertion that favorable treatment is being granted to friends and associates. When it is in the public interest for the contractor to conduct business with a friend or associate of an executive or employee of the contractor, an elected official in the area or a member of the North Central Texas Council of Governments, a permanent record of the transaction shall be retained.

Any executive or employee of the contractor, an elected official in the area or a member of the NCTCOG, shall not solicit or accept money or any other consideration from a third person, for the performance of an act reimbursed in whole or part by contractor or Department. Supplies, tools, materials, equipment or services purchased with contract funds shall be used solely for purposes allowed under this contract. No member of the NCTCOG shall cast a vote on the provision of services by that member (or any organization which that member represents) or vote on any matter which would provide a direct or indirect financial benefit to the member or any business or organization which the member directly represents”.



## Attachment VI (2/2)

No officer, employee or paid consultant of the contractor is a member of the NCTCOG.

No officer, manager or paid consultant of the contractor is married to a member of the NCTCOG.

No member of NCTCOG directly owns, controls or has interest in the contractor.

The contractor has disclosed any interest, fact, or circumstance that does or may present a potential conflict of interest.

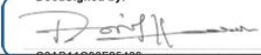
No member of the NCTCOG receives compensation from the contractor for lobbying activities as defined in Chapter 305 of the Texas Government Code.

Should the contractor fail to abide by the foregoing covenants and affirmations regarding conflict of interest, the contractor shall not be entitled to the recovery of any costs or expenses incurred in relation to the contract and shall immediately refund to the North Central Texas Council of Governments any fees or expenses that may have been paid under this contract and shall further be liable for any other costs incurred or damages sustained by the NCTCOG as it relates to this contract.

Name of Organization/Contractor(s):

Quantiphi, Inc.

Signature of Authorized Representative:

DocuSigned by:  
  
CSAB11C08F25488

Asif Hasan, Co-Founder

Date:

01/23/2025



## ATTACHMENT VII: CERTIFICATION OF FAIR BUSINESS PRACTICES

That the submitter has not been found guilty of unfair business practices in a judicial or state agency administrative proceeding during the preceding year. The submitter further affirms that no officer of the submitter has served as an officer of any company found guilty of unfair business practices in a judicial or state agency administrative during the preceding year.

Name of Organization/Contractor(s):

Quantiphi, Inc.

Signature of Authorized Representative:

DocuSigned by:  
  
C6AB11C08F25489...

Asif Hasan, Co-Founder

Date: 01/23/2025



## ATTACHMENT VIII: CERTIFICATION OF GOOD STANDING TEXAS CORPORATE FRANCHISE TAX CERTIFICATION

Pursuant to Article 2.45, Texas Business Corporation Act, state agencies may not contract with for profit corporations that are delinquent in making state franchise tax payments. The following certification that the corporation entering into this offer is current in its franchise taxes must be signed by the individual authorized on Form 2031, Corporate Board of Directors Resolution, to sign the contract for the corporation.

The undersigned authorized representative of the corporation making the offer herein certified that the following indicated Proposal is true and correct and that the undersigned understands that making a false Proposal is a material breach of contract and is grounds for contract cancellation.

Indicate the certification that applies to your corporation:

- The Corporation is a for-profit corporation and certifies that it is not delinquent in its franchise tax payments to the State of Texas.
- The Corporation is a non-profit corporation or is otherwise not subject to payment of franchise taxes to the State of Texas.

Type of Business (if not corporation):

- Sole Proprietor
- Partnership
- Other

Pursuant to Article 2.45, Texas Business Corporation Act, the North Central Texas Council of Governments reserves the right to request information regarding state franchise tax payments.

Asif Hasan, Co-Founder

(Printed/Typed Name and Title of Authorized Representative)

DocuSigned by:  


Signature

Date: 01/23/2025



## **ATTACHMENT IX: HISTORICALLY UNDERUTILIZED BUSINESSES, MINORITY OR WOMEN-OWNED OR DISADVANTAGED BUSINESS ENTERPRISES**

Historically Underutilized Businesses (HUBs), minority or women-owned or disadvantaged businesses enterprises (M/W/DBE) are encouraged to participate in the solicitation process. NCTCOG recognizes the certifications of most agencies. HUB vendors must submit a copy of their certification for consideration during the evaluation of their proposal. Please attach the copy to this form. This applies only to the Offeror and not a subcontractor. Texas vendors who are not currently certified are encouraged to contact either the Texas United Certification Program, State of Texas HUB Program, or the North Central Texas Regional Certification Agency, among others. Contact:

State of Texas HUB Program  
Texas Comptroller of Public Accounts  
Lyndon B. Johnson State Office Building  
111 East 17th Street  
Austin, Texas 78774  
(512) 463-6958  
<http://www.window.state.tx.us/procurement/prog/hub/>

North Central Texas Regional Certification Agency  
624 Six Flags Drive, Suite 100  
Arlington, TX 76011  
(817) 640-0606  
<http://www.nctrca.org/certification.html>

Texas United Certification Program  
USDOT website at  
<https://www.transportation.gov/DBE>



**You must include a copy of your certification document as part of this solicitation to receive points in the evaluation.**

**Vendor to Sign Below to Attest to Validity of Certification:**

Quantiphi, Inc.  
Vendor Name

\_\_\_\_\_  
Authorized Signature

Asif Hasan

Typed Name

Date

Not applicable.



## ATTACHMENT X: NCTCOG FEDERAL AND STATE OF TEXAS REQUIRED PROCUREMENT PROVISIONS

**The following provisions are mandated by Federal and/or State of Texas law. Failure to certify to the following will result in disqualification of consideration for contract. Entities or agencies that are not able to comply with the following will be ineligible for consideration of contract award.**

### **PROHIBITED TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT CERTIFICATION**

This Contract is subject to the Public Law 115-232, Section 889, and 2 Code of Federal Regulations (CFR) Part 200, including §200.216 and §200.471, for prohibition on certain telecommunications and video surveillance or equipment. Public Law 115-232, Section 889, identifies that restricted telecommunications and video surveillance equipment or services (e.g., phones, internet, video surveillance, cloud servers) include the following:


- A) Telecommunications equipment that is produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliates of such entities).
- B) Video surveillance and telecommunications equipment produced by Hytera Communications Corporations, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliates of such entities).
- C) Telecommunications or video surveillance services used by such entities or using such equipment.
- D) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, Director of the National Intelligence, or the Director of the Federal Bureau of Investigation reasonably believes to be an entity owned or controlled by the government of a covered foreign country.

The entity identified below, through its authorized representative, hereby certifies that no funds under this Contract will be obligated or expended to procure or obtain telecommunication or video surveillance services or equipment or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as a critical technology as part of any system prohibited by 2 CFR §200.216 and §200.471, or applicable provisions in Public Law 115-232 Section 889.



# Attachment X (2/5)

- The Contractor or Subrecipient hereby certifies that it does comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.

SIGNATURE OF AUTHORIZED PERSON:   
 NAME OF AUTHORIZED PERSON: Asif Hasan  
 NAME OF COMPANY: Quantiphi, Inc.  
 DATE: 01/23/2025

-OR-

- The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.

SIGNATURE OF AUTHORIZED PERSON: \_\_\_\_\_  
 NAME OF AUTHORIZED PERSON: \_\_\_\_\_  
 NAME OF COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_



## DISCRIMINATION AGAINST FIREARMS ENTITIES OR FIREARMS TRADE ASSOCIATIONS

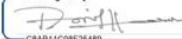
This contract is subject to the Texas Local Government Code chapter 2274, Subtitle F, Title 10, prohibiting contracts with companies who discriminate against firearm and ammunition industries. TLGC chapter 2274, Subtitle F, Title 10, identifies that “discrimination against a firearm entity or firearm trade association” includes the following:

- A) means, with respect to the entity or association, to:
  - I. refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; and
  - II. refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or
  - III. terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association.
- B) An exception to this provision excludes the following:
  - I. contracts with a sole-source provider; or
  - II. the government entity does not receive bids from companies who can provide written verification.

The entity identified below, through its authorized representative, hereby certifies that they have no practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and that they will not discriminate during the term of the contract against a firearm entity or firearm trade association as prohibited by Chapter 2274, Subtitle F, Title 10 of the Texas Local Government Code.

- The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 2274, Subtitle F, Title 10.

SIGNATURE OF AUTHORIZED PERSON:  
 NAME OF AUTHORIZED PERSON:  
 NAME OF COMPANY:  
 DATE:

DocuSigned by:  
  
 \_\_\_\_\_  
 Asif Hasan  
 Quantiphi, Inc.  
 01/23/2025

-OR-



- The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 2274, Subtitle F, Title 10.

SIGNATURE OF AUTHORIZED PERSON: \_\_\_\_\_  
NAME OF AUTHORIZED PERSON: \_\_\_\_\_  
NAME OF COMPANY: \_\_\_\_\_  
DATE: \_\_\_\_\_



## BOYCOTTING OF CERTAIN ENERGY COMPANIES

This contract is subject to the Texas Local Government Code chapter 809, Subtitle A, Title 8, prohibiting contracts with companies who boycott certain energy companies.

TLGC chapter Code chapter 809, Subtitle A, Title 8, identifies that "boycott energy company" means, without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company:

- I. engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; and
- II. does business with a company described by paragraph (I).

The entity identified below, through its authorized representative, hereby certifies that they do not boycott energy companies, and that they will not boycott energy companies during the term of the contract as prohibited by Chapter 809, Subtitle A, Title 8 of the Texas Local Government Code.

- The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 809, Subtitle A, Title 8.

SIGNATURE OF AUTHORIZED PERSON: \_\_\_\_\_

NAME OF AUTHORIZED PERSON: \_\_\_\_\_

NAME OF COMPANY: \_\_\_\_\_

DATE: \_\_\_\_\_

DocuSigned by:  
  
CP00011100P 25489

Asif Hasan

Quantiphi, Inc.

01/23/2025

-OR-

- The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 809, Subtitle A, Title 8.

SIGNATURE OF AUTHORIZED PERSON: \_\_\_\_\_

NAME OF AUTHORIZED PERSON: \_\_\_\_\_

NAME OF COMPANY: \_\_\_\_\_

DATE: \_\_\_\_\_



## EXHIBIT 1: CATEGORIES OFFERED AND PRICING PROPOSAL

Place a checkmark next to each category you are offering in your proposal:

- Service Category #1: Artificial Intelligence (AI) Solutions for Public Sector Entities**
- Service Category #2: Other Ancillary Goods or Services (List Below)**

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The Respondent shall furnish a comprehensive cost pricing model for this RFP, pursuant to the guidance provided in Section 5.13. Please delineate pricing based on Service Category 1, Service Category 2, or a combined pricing model for both categories. Label your pricing proposal as “Exhibit 1 – Pricing,” and use as many pages as necessary to provide detailed information.

Important Note: This RFP is not tied to any specific project at this time. The purpose is to secure pricing for potential future use of AI solutions by public sector entities. Respondents are encouraged to provide pricing models that are as descriptive and flexible as possible to accommodate the varied needs of potential users.

In addition to the requested pricing, Respondents are encouraged to include a retainage rate based on the hourly rate of each staff member for any future projects that may arise but are not currently anticipated by this RFP.

**Refer to Exhibit 1 –Pricing Proposal Worksheet Attachment.**



**EXHIBIT 3: SERVICE DESIGNATION AREAS**

|                      |  |  |                                |
|----------------------|--|--|--------------------------------|
|                      | <b>Texas Service Area Designation or Identification</b>  |  |                                |
| Proposing Firm Name: | <b>Quantiphi, Inc.</b>   |  |                                |
| Notes:               | <b>Indicate in the appropriate box whether you are proposing to service the entire state of Texas</b>  |  |                                |
|                      | Will service the entire state of Texas   | Will not service the entire state of Texas |                                |
|                      | <input checked="" type="checkbox"/>  |  |                                |
|                      |  |  |                                |
|                      | <b>If you are not proposing to service the entire state of Texas, designate on the form below the regions that you are proposing to provide goods and/or services to. By designating a region or regions, you are certifying that you are willing and able to provide the proposed goods and services.</b> |  |                                |
| <b>Item</b>          | <b>Region</b>  | <b>Metropolitan Statistical Areas</b>      | <b>Designated Service Area</b> |



## Exhibit III (2/8)

|    |                     |  |  |
|----|---------------------|--|--|
| 1. | North Central Texas | 16 counties in the Dallas-Fort Worth Metropolitan area |  |
| 2. | High Plains         | Amarillo<br>Lubbock                                    |  |
| 3. | Northwest           | Abilene<br>Wichita Falls                               |  |
| 4. | Upper East          | Longview<br>Texarkana, TX-AR Metro Area<br>Tyler       |  |
| 5. | Southeast           | Beaumont-Port Arthur                                   |  |
| 6. | Gulf Coast          | Houston-The Woodlands-Sugar Land                       |  |
| 7. | Central Texas       | College Station-Bryan<br>Killeen-Temple<br>Waco        |  |
| 8. | Capital Texas       | Austin-Round Rock                                      |  |
| 9. | Alamo               | San Antonio-New Braunfels<br>Victoria                  |  |



# Exhibit 3 (3/8)

|     |                  |   |  |
|-----|------------------|---|--|
| 10. | South Texas      | Brownsville-Harlingen<br>Corpus Christi<br>Laredo<br>McAllen-Edinburg-Mission |  |
| 11. | West Texas       | Midland<br>Odessa<br>San Angelo   |  |
| 12. | Upper Rio Grande | El Paso   |  |

|                             |   |  |
|-----------------------------|---|--|
|                             | <b>Nationwide Service Area Designation or Identification Form</b>   |  |
| <b>Proposing Firm Name:</b> | <b>Quantiphi, Inc.</b>  |  |
| <b>Notes:</b>               | <b>Indicate in the appropriate box whether you are proposing to provide service to all Fifty (50) States.</b> |  |
|                             | Will service all fifty (50) states  | Will not service all fifty (50) states |
|                             | <input checked="" type="checkbox"/>   |  |
|                             |   |  |



# Exhibit III (4/8)

**If you are not proposing to service to all fifty (50) states, then designate on the form below the states that you will provide service to. By designating a state or states, you are certifying that you are willing and able to provide the proposed goods and services in those states.**  
**If you are only proposing to service a specific region, metropolitan statistical area (MSA), or City in a State, then indicate as such in the appropriate column box.**

| <b>Item</b> | <b>State</b> | <b>Region/MSA/City<br/>(write "ALL" if proposing to<br/>service entire state)</b> | <b>Designated as a Service<br/>Area</b> |
|-------------|--------------|---|---|
| 1.          | Alabama      | ALL   |   |
| 2.          | Alaska       | ALL   |   |
| 3.          | Arizona      | ALL   |   |
| 4.          | Arkansas     | ALL   |   |
| 5.          | California   | ALL   |   |
| 6.          | Colorado     | ALL   |   |
| 7.          | Connecticut  | ALL   |   |



## Exhibit III (5/8)

|     |           |     |  |
|-----|-----------|-----|--|
| 8.  | Delaware  | ALL |  |
| 9.  | Florida   | ALL |  |
| 10. | Georgia   | ALL |  |
| 11. | Hawaii    | ALL |  |
| 12. | Idaho     | ALL |  |
| 13. | Illinois  | ALL |  |
| 14. | Indiana   | ALL |  |
| 15. | Iowa      | ALL |  |
| 16. | Kansas    | ALL |  |
| 17. | Kentucky  | ALL |  |
| 18. | Louisiana | ALL |  |
| 19. | Maine     | ALL |  |



## Exhibit III (6/8)

|     |               |     |  |
|-----|---------------|-----|--|
| 20. | Maryland      | ALL |  |
| 21. | Massachusetts | ALL |  |
| 22. | Michigan      | ALL |  |
| 23. | Minnesota     | ALL |  |
| 24. | Mississippi   | ALL |  |
| 25. | Missouri      | ALL |  |
| 26. | Montana       | ALL |  |
| 27. | Nebraska      | ALL |  |
| 28. | Nevada        | ALL |  |
| 29. | New Hampshire | ALL |  |
| 30. | New Jersey    | ALL |  |



## Exhibit III (7/8)

|     |                |     |  |
|-----|----------------|-----|--|
| 31. | New Mexico     | ALL |  |
| 32. | New York       | ALL |  |
| 33. | North Carolina | ALL |  |
| 34. | North Dakota   | ALL |  |
| 35. | Ohio           | ALL |  |
| 36. | Oregon         | ALL |  |
| 37. | Oklahoma       | ALL |  |
| 38. | Pennsylvania   | ALL |  |
| 39. | Rhode Island   | ALL |  |
| 40. | South Carolina | ALL |  |
| 41. | South Dakota   | ALL |  |
| 42. | Tennessee      | ALL |  |



## Exhibit III (8/8)

|     |               |     |  |
|-----|---------------|-----|--|
| 43. | Texas         | ALL |  |
| 44. | Utah          | ALL |  |
| 45. | Vermont       | ALL |  |
| 46. | Virginia      | ALL |  |
| 47. | Washington    | ALL |  |
| 48. | West Virginia | ALL |  |
| 49. | Wisconsin     | ALL |  |
| 50. | Wyoming       | ALL |  |

End of Exhibit 3

# Thank You

Explore Marketing Hub

<https://sites.google.com/quantiphi.com/marketing-hub>

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