

4TH MARCH 2024

QUALITY IN PUBLIC PROCUREMENT

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FROM CONFORMITY TO PERFORMANCE

MANAGING RISK

01

Conform to regulation

- Identify applicable regulation
- Assess conformity
- Report QHSE compliance

02

Reduce risks

- Control supply chain
- Manage contractual risk
- Reduce QHSE risk exposure

03

Increase performance

- Recognition through certification
- Selection of correct product/service
- Vendor development
- QHSE function optimization

- What does the customer want
- Incorporate Quality through the Value Chain starts from planning
- Adopt Procurement best practices
- Evaluate Life Cycle Cost consider Cost of Poor Quality

QUALITY ALONG THE VALUE CHAIN

FROM DESIGN TO OPERATION











Airport



Port



Water

Dam



Facilities



Building

- Technical Studies
- Technical Assistance
- **Environmental Assessment**
- Infrastructure sustainability studies
- Feasibility and Risk
- Regulatory and Standards
- Preliminary geotechnical studies and survey
- Code Compliance & Permitting (CCC)



Study and Design

- Design Review
- · Technical due diligence and Audit
- · Construction Material analysis and feasibility
- Procurement
- PPP technical due diligence
- Environmental analysis and design audit
- Risk analysis
- · Supplier Feasibility Assessment

- Independent Engineer and Checking
- · Technical Supervision and PMC/A Technical control
- · Construction material testing and assessment
- Claim assistance
- · Site, shop inspection and QA/QC
- Procurement & Supplier Technical Assessment
- · Green Building consultancy



Construction



Operation and Maintenance

- Asset inventory and Inspection
- Asset Management Plan
- Asset Performance assessment
- Life Cycle Asset Analysis
- Compliance Audit
- Technical and Environmental due diligence
- Energy & Carbon Due Diligence
- **Energy Performance Certificate**
- Seismic tech assistance and audit



Project Idea, feasibility and **Development**

RECENT ADVANCES IN PUBLIC PROCUREMENT



Digital innovation, such as eprocurement systems and digital processes, can help governments buy goods and services. Eprocurement can also help fight corruption by increasing transparency and accountability.



Use Technology - Blockchain and Internet of Things (BloT) is a combination of technologies that can lead to more transparent, sustainable, and smarter public procurement processes.



Artificial intelligence (AI) and big data are being developed and used more and more in the procurement world. Adopt datadriven decision making.



Collaboration with the private sector, A new concept in modern public procurement is to collaborate with the private sector. This can help find the best fit through dialogue with potential suppliers.



Sustainable and risk-resilient purchasing processes, Businesses and government organizations are moving towards sustainable and risk-resilient purchasing processes.



Environmentally oriented demand-side practices. These include procuring new circular products, introducing environmental criteria in tenders, and purchasing products with ecolabel integration.



MINISTRY OF RAILWAYS

FROM NEED IDENTIFICATION TO CONTRACT





Ministry of Railways on behalf of Indian Railways assigns Western Railway (WR) to empanel TPI agencies

WR calls for a meeting with renowned TPI's to explain its existing process of inspection, done by RITES a government agency

Local & Global TPI agencies share their best practices and industry norms Inputs from Railway
Board are considered

Prequalification criteria based on accreditations, geographical presence, testing facilities and competency is decided

WR shares a draft technical qualification criteria and scope consisting Procurement & Process with invited TPI's

Pre-bid meeting was called by Western Railway

Final tender released and bid was submitted by 5 TPI's

Tender Awarded to 4
TPI's Intertek, RITES,
BV & TUV India
(3 years contract)

(3 years contract duration)

Expertise

Transparency

Improvement

Reliability

Competitive

Capacity

Quality

Cost

Efficiency



Ministry of Railways engages Independent Inspection Agencies

Material inspection through Third Party Inspection (TPI) Agencies:

- Engaging expertise of global inspection agencies
- To bring in efficiencies by leveraging best available expertise
- Improvement in quality of goods, spares, input materials and manufacturing
- Enables operating more efficient and reliable services
- Creation of additional capacity of product inspection in supply chain
- Competitive efficiencies and new ideas like Process Inspection
- Continual improvement in Technical specification and process capabilities.
- All activities to be performed online through 'Inspection module' of IREPS.
- Interlinking of Business Process, Interface Management and Payments.
- Single point of payment to TPI Agencies
- KPIs for performance monitoring

REVENUE & WORKFORCE BREAKDOWN

BY GEOGRAPHY*

18% c.10% of the workforce

NORTH AMERICA

35% c.22% of the workforce

EUROPE

28% c.40% of the workford

c.10% of the workforce

AFRICA & MIDDLE EAST

ASIA PACIFIC

€5.9 Billion

~1,600 Offices & Labs 10% c.18% of the workforce

LATIN AMERICA

400,000+ Clients

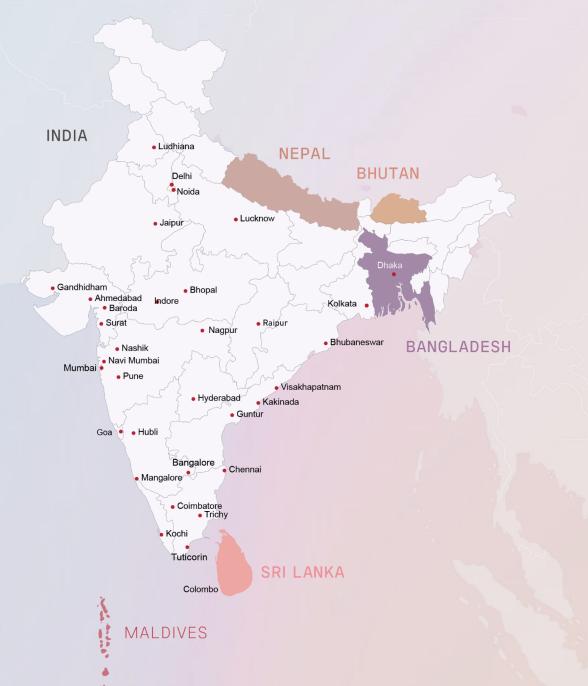
c.82,000 employees

* As of December 31, 2023



BUREAU VERITAS

SOUTH ASIA REGION





63 Offices



38
Laboratories



+5,700 Employees





