

Legal Governance of Competition in Public Procurement: Economic Implications and International Comparisons

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Abstract

Public procurement is a major area of government activity, where ensuring competition is essential for efficiency, transparency, and economic performance. Legal governance provides the framework of laws and institutions that regulate procurement processes, aiming to prevent corruption, promote fairness, and encourage innovation. Competition in procurement drives better quality, lower costs, and broader market participation, while weak governance can lead to inefficiency and market distortions. This study analyzes the legal governance of competition in public procurement, explores its economic implications, and examines international experiences to identify best practices for enhancing transparency, fairness, and competitiveness.

Keywords ; Public Procurement, Legal Governance, Competition, Economic Efficiency, Transparency

Introduction

Public procurement is a key function of governments, involving the purchase of goods, services, and works. Ensuring competition in procurement is essential to achieve efficiency, transparency, and value for money. Legal governance provides the rules and institutions that regulate how contracts are awarded and executed, aiming to prevent corruption, promote fairness, and encourage economic growth.

Competition in public procurement has important economic implications. It motivates suppliers to offer better quality, lower prices, and innovative solutions, benefiting both the public sector and the wider economy. Conversely, weak regulation or unfair practices can reduce competition, increase costs, and limit opportunities for small and medium-sized enterprises.

Different countries adopt diverse approaches to procurement governance, reflecting their legal systems, economic priorities, and administrative capacities. Studying these international experiences helps identify best practices and guide reforms that strengthen transparency, fairness, and competitiveness in public procurement.

This study examines the legal governance of competition in public procurement, its economic impact, and lessons from international comparisons, aiming to provide insights for effective policy and practice.

First axis

Conceptual and Theoretical Foundations of Legal Governance of Competition in Public Procurement

1. Introduction to Legal Governance in Economic Regulation

Legal governance has emerged as a central paradigm in contemporary public law and economic regulation, particularly in areas characterized by high public spending, market sensitivity, and elevated risks of inefficiency and corruption. Public procurement represents one of the most significant interfaces between law and economics, where legal norms directly shape market

behavior and economic outcomes. In this context, legal governance transcends the traditional notion of legal compliance and evolves into a comprehensive framework aimed at steering economic conduct toward efficiency, transparency, and accountability.

Unlike classical regulatory approaches that rely predominantly on command-and-control mechanisms, legal governance emphasizes coordination, oversight, and incentive alignment. It integrates legal rules with institutional practices to ensure that public objectives—especially the efficient use of public resources—are achieved through competitive market mechanisms rather than discretionary administrative power.

2. The Concept of Legal Governance: Evolution and Dimensions

2.1 From Government to Governance

The shift from “government” to “governance” reflects a transformation in the role of the state from a direct economic actor to a regulator and facilitator of market processes. Governance encompasses formal legal rules, informal norms, institutional arrangements, and enforcement mechanisms that collectively guide public and private behavior.²

In legal theory, governance is closely associated with:

- Transparency in decision-making
- Accountability of public authorities
- Predictability and legal certainty
- Participation and equal access

Legal governance thus represents a normative and functional framework through which the law structures economic interactions without undermining market dynamics.

2.2 Legal Governance in Public Procurement

Public procurement governance specifically refers to the legal and institutional arrangements that regulate how public contracts are planned, awarded, executed, and reviewed. Given the scale of public procurement—often exceeding 15% of GDP—legal governance plays a decisive role in shaping competition and economic efficiency.³

Key components of legal governance in procurement include:

- Procedural rules governing tendering processes
- Substantive principles ensuring fair competition
- Oversight institutions and review mechanisms
- Sanctions and remedies for legal violations

3. Competition as a Legal and Economic Principle in Public Procurement

3.1 Competition as a Constitutional and Legal Value

Competition in public procurement is not merely an economic mechanism; it is increasingly recognized as a legal value embedded in constitutional principles and statutory frameworks. Many legal systems explicitly or implicitly enshrine competition through principles such as equality before the law, non-discrimination, and freedom of economic initiative.⁴

International instruments reinforce this approach. The UNCITRAL Model Law on Public Procurement identifies competition as a cornerstone of efficient procurement systems, linking it directly to transparency and value for money.⁵

3.2 Specificity of Competition in Public Procurement Markets

Unlike private markets, public procurement markets are characterized by:

- A single dominant buyer (the public authority)
- Asymmetric information between bidders and the contracting authority
- High entry barriers created by legal and technical requirements

These characteristics justify a specific legal framework designed to preserve competition while safeguarding the public interest. Consequently, competition in procurement cannot be left to market forces alone but must be actively structured through legal governance.

4. Legal Governance and the Public Interest: A Delicate Balance

4.1 Public Interest versus Market Freedom

One of the central tensions in public procurement law lies in balancing the public interest with market freedom. While competition promotes efficiency and innovation, unrestricted competition may conflict with objectives such as social inclusion, environmental protection, or national economic policy.⁶

Legal governance seeks to reconcile these objectives by:

- Allowing regulated competition
- Introducing proportional restrictions justified by public interest
- Preventing arbitrary exclusion of economic operators

4.2 Legal Principles Structuring Competition

The governance of competition in procurement is structured around fundamental legal principles, notably:

- **Transparency:** ensuring visibility of procurement opportunities and decisions
- **Equal treatment:** prohibiting discriminatory practices
- **Proportionality:** aligning procurement requirements with contract objectives

These principles function as legal constraints on administrative discretion and as economic safeguards against market distortion.⁷

5. Theoretical Foundations: Law and Economics Perspective

5.1 Legal Rules as Economic Incentives

The law and economics approach provides a powerful analytical framework for understanding procurement governance. According to this perspective, legal rules operate as incentive structures that influence economic behavior.⁸

Well-designed procurement laws:

- Reduce transaction costs
- Limit information asymmetry
- Deter opportunistic and collusive behavior

Conversely, weak governance frameworks create fertile ground for rent-seeking and inefficiency.

5.2 Competition, Efficiency, and Value for Money

Economic efficiency in procurement encompasses more than price reduction. It includes quality, innovation, and long-term sustainability. Competition governance contributes to these outcomes by compelling bidders to optimize performance under transparent and predictable rules.⁹

Empirical studies consistently demonstrate that competitive procurement procedures yield significant cost savings and improved service delivery compared to non-competitive or discretionary models.

6. Institutional Dimension of Legal Governance

6.1 Role of Procurement Authorities

Procurement authorities are central actors in governance systems. Their legal mandate, professional capacity, and operational independence directly affect competition outcomes. Governance frameworks must therefore ensure:

- Clear allocation of responsibilities
- Professionalization of procurement officials
- Protection against undue influence

6.2 Oversight and Review Mechanisms

Effective legal governance requires robust oversight institutions, including audit bodies, administrative courts, and competition authorities. These institutions reinforce competition by monitoring compliance and sanctioning violations.¹⁰

Judicial and administrative review mechanisms enhance legal certainty and strengthen bidder confidence, which in turn promotes market participation.

7. Interim Assessment

This chapter has established the conceptual and theoretical foundations of legal governance of competition in public procurement. It demonstrates that competition governance is not an abstract legal ideal but a functional mechanism that directly influences economic efficiency and public value creation.

By integrating legal principles, institutional arrangements, and economic incentives, legal governance creates a structured competitive environment capable of reconciling market efficiency with public interest objectives.

Chapter Two

Legal Principles and Regulatory Mechanisms Governing Competition in Public Procurement

1. Introduction

Competition in public procurement does not arise spontaneously; rather, it is the outcome of a carefully designed legal architecture that structures market access, constrains administrative discretion, and aligns public purchasing with economic efficiency objectives. This chapter examines the core legal principles governing competition in public procurement and the regulatory mechanisms through which these principles are operationalized. It argues that the effectiveness of competition depends less on the mere existence of legal rules and more on their coherence, enforceability, and institutional embedding within procurement systems.¹

2. Fundamental Legal Principles Governing Competition

2.1 Transparency as a Cornerstone of Competitive Procurement

Transparency is widely recognized as the foundational principle of competitive public procurement. It requires that procurement opportunities, procedures, evaluation criteria, and award decisions be made publicly accessible and understandable to all potential bidders.²

From a legal standpoint, transparency serves multiple functions:

- It enables market participants to make informed bidding decisions.
- It limits information asymmetry between contracting authorities and bidders.
- It facilitates ex post control by oversight bodies and courts.

Empirical evidence suggests that transparent procurement systems are associated with increased bidder participation and reduced procurement costs, highlighting the direct link between transparency and economic efficiency.³

2.2 Equal Treatment and Non-Discrimination

The principle of equal treatment obliges contracting authorities to treat all economic operators impartially throughout the procurement process. Closely linked to non-discrimination, it

prohibits both direct and indirect favoritism based on nationality, ownership structure, or prior contractual relationships.⁴

Legally, equal treatment functions as:

- A safeguard against arbitrary administrative decisions
- A prerequisite for genuine competition
- A means of ensuring legal certainty

In comparative jurisprudence, courts have consistently emphasized that even subtle deviations from equal treatment—such as tailored technical specifications—can significantly distort competition.⁵

2.3 Proportionality and Competitive Neutrality

Proportionality requires that procurement conditions be strictly related to the subject matter and objectives of the contract. Excessive qualification requirements or overly restrictive technical standards may unjustifiably exclude capable bidders, thereby reducing competition.⁶

Competitive neutrality complements proportionality by ensuring that public and private undertakings compete on equal terms. This principle is particularly relevant in mixed economies where state-owned enterprises participate in procurement markets.

3. Regulatory Mechanisms Structuring Competition

3.1 Procurement Procedures as Instruments of Competition

Procurement procedures constitute the primary regulatory mechanism through which competition is structured. Open and restricted tendering procedures are generally considered the most competition-friendly, as they maximize market access and bidder participation.⁷

Negotiated and direct award procedures, while sometimes justified on efficiency or urgency grounds, pose heightened risks to competition and therefore require strict legal safeguards.

3.2 Technical Specifications and Market Access

Technical specifications play a decisive role in shaping competition. When formulated in functional or performance-based terms, they promote innovation and broader participation. Conversely, brand-specific or overly detailed specifications may operate as de facto barriers to entry.⁸

International best practices emphasize the use of:

- Performance-based criteria
- Reference to international standards
- Technology-neutral requirements

These approaches enhance competition while maintaining quality standards.

4. Award Criteria and Competitive Outcomes

4.1 From Lowest Price to Most Economically Advantageous Tender

Modern procurement regimes increasingly favor the “Most Economically Advantageous Tender” (MEAT) criterion over the sole reliance on lowest price. MEAT integrates qualitative, environmental, and social considerations alongside price.⁹

From a competition perspective, MEAT:

- Encourages innovation and value creation
- Reduces incentives for predatory pricing
- Enhances long-term economic efficiency

However, MEAT also increases evaluative discretion, underscoring the importance of transparent and objective weighting systems.

4.2 Evaluation Committees and Decision-Making Integrity

Evaluation committees are central to the operationalization of competition principles. Legal governance frameworks therefore require:

- Multidisciplinary composition
- Clear conflict-of-interest rules
- Documented and reasoned decisions

These safeguards reduce the risk of biased evaluations and reinforce trust in procurement outcomes.¹⁰

5. Legal Controls Against Anti-Competitive Practices

5.1 Bid Rigging and Collusion

Bid rigging represents one of the most serious threats to competition in public procurement. It undermines price competition and results in substantial economic losses for public authorities.¹¹

Legal responses to collusion include:

- Coordination between procurement agencies and competition authorities
- Data analytics and red-flag indicators
- Severe administrative and criminal sanctions

Effective detection mechanisms are essential, as collusion often operates covertly.

5.2 Abuse of Administrative Discretion

Excessive administrative discretion may facilitate favoritism and market foreclosure. Legal governance addresses this risk through:

- Detailed procedural rules
- Mandatory justification of decisions
- Judicial and administrative review

By constraining discretion, the law transforms procurement from a discretionary activity into a rule-based competitive process.¹²

6. Oversight, Remedies, and Enforcement

6.1 Review Mechanisms and Bidder Remedies

Access to effective remedies is a defining feature of competitive procurement systems. Review mechanisms allow bidders to challenge unlawful decisions and seek corrective measures.¹³

Timely and accessible remedies:

- Enhance bidder confidence
- Encourage market participation
- Improve overall compliance

Comparative studies show that jurisdictions with robust remedies systems experience higher levels of competition.

6.2 Role of Courts and Competition Authorities

Judicial oversight ensures uniform interpretation of procurement rules, while competition authorities address market-wide distortions. Increasingly, legal systems emphasize cooperation between these institutions to strengthen enforcement coherence.¹⁴

7. Comparative Regulatory Approaches

7.1 European Union Model

The EU procurement directives embody a highly structured competition governance model centered on transparency, proportionality, and effective remedies.¹⁵ This model has influenced procurement reforms worldwide and serves as a benchmark for international best practices.

7.2 International Standards and Developing Economies

International organizations such as the OECD and the World Bank promote competition-oriented procurement reforms in developing economies. While contextual challenges persist,

legal alignment with international standards has yielded measurable improvements in efficiency and integrity.¹⁶

8. Interim Assessment

This chapter demonstrates that competition in public procurement is the product of an integrated system of legal principles and regulatory mechanisms. Transparency, equal treatment, and proportionality form the normative core, while procedures, award criteria, and enforcement mechanisms translate these principles into practical outcomes.

Effective legal governance thus transforms procurement law into a powerful instrument of economic regulation, capable of enhancing efficiency, preventing market distortions, and safeguarding public resources.

Chapter Three

Competition and Economic Efficiency in Public Procurement: A Law and Economics Analysis

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Chapter Three

Competition and Economic Efficiency in Public Procurement: A Law and Economics Analysis

1. Introduction

Economic efficiency constitutes a central objective of public procurement systems, given their substantial fiscal impact and their role in shaping market outcomes. Competition is widely regarded as the primary mechanism through which procurement law seeks to achieve efficiency. This chapter analyzes the relationship between competition and economic efficiency in public procurement through a law and economics lens, arguing that competition-oriented legal frameworks reduce costs, enhance quality, and promote innovation while mitigating risks of rent-seeking and market distortion.¹

2. Economic Efficiency: Concepts and Dimensions

2.1 Allocative, Productive, and Dynamic Efficiency

Economic efficiency in public procurement encompasses three interrelated dimensions. **Allocative efficiency** refers to the optimal allocation of resources to goods and services that best satisfy public needs at the lowest social cost. **Productive efficiency** concerns the production of goods and services at minimum cost for a given level of quality. **Dynamic efficiency** captures innovation and long-term value creation, including technological advancement and sustainable solutions.²

Competitive procurement processes contribute to all three dimensions by compelling bidders to reveal true costs, optimize production methods, and invest in innovation to secure contracts.

2.2 Value for Money as an Integrated Objective

Modern procurement policy increasingly adopts the concept of “value for money,” which integrates price, quality, lifecycle costs, and broader policy objectives. From an economic standpoint, value for money operationalizes efficiency by moving beyond short-term price considerations toward long-term welfare maximization.³

3. Competition as a Driver of Efficiency in Procurement Markets

3.1 Market Entry, Price Formation, and Cost Reduction

Competition intensifies price rivalry among bidders, leading to lower procurement prices and reduced fiscal burdens. Empirical studies demonstrate that an increase in the number of bidders significantly lowers contract prices, particularly in standardized procurement markets.⁴

Legal frameworks that facilitate market entry—through transparent procedures and proportionate qualification requirements—thus directly enhance allocative and productive efficiency.

3.2 Quality, Innovation, and Performance Outcomes

Beyond price effects, competition incentivizes quality improvements and innovation. Firms competing for public contracts are more likely to offer superior technical solutions and performance guarantees. This dynamic effect is especially pronounced in sectors characterized by technological change, such as infrastructure, information technology, and energy.⁵

4. Law and Economics Perspective on Procurement Regulation

4.1 Legal Rules as Instruments Shaping Economic Behavior

The law and economics approach conceptualizes legal rules as incentive mechanisms that structure economic behavior. In procurement, rules governing tendering procedures, evaluation criteria, and enforcement determine firms’ strategic responses.⁶

Well-designed rules reduce transaction costs and information asymmetry, while poorly designed or weakly enforced rules encourage opportunism and collusion.

4.2 Transaction Costs and Information Asymmetry

Procurement transactions involve significant transaction costs related to bidding, evaluation, monitoring, and enforcement. Competition-oriented governance minimizes these costs by standardizing procedures and enhancing information disclosure.⁷

Information asymmetry between contracting authorities and bidders can lead to adverse selection and moral hazard. Competitive tendering mitigates these risks by compelling bidders to disclose information through price and quality signals.

5. Anti-Competitive Practices and Efficiency Losses

5.1 Bid Rigging and Cartel Behavior

Bid rigging represents a severe distortion of competition, resulting in inflated prices and reduced quality. Economic analysis estimates that cartelized procurement contracts may increase costs by 10–30 percent or more.⁸

Legal governance mechanisms—such as leniency programs, data analytics, and inter-agency cooperation—are essential to detect and deter collusion.

5.2 Exclusionary Practices and Market Foreclosure

Excessive qualification requirements, discriminatory technical specifications, and discretionary exclusions may foreclose markets and undermine competition. These practices reduce bidder participation and erode efficiency gains.⁹

From a law and economics perspective, exclusionary practices represent deadweight losses that diminish social welfare.

6. Administrative Discretion and Efficiency Trade-offs

6.1 Discretion versus Rule-Based Governance

While administrative discretion may enhance flexibility, excessive discretion increases uncertainty and opportunities for rent-seeking. Rule-based procurement governance limits discretion and enhances predictability, thereby fostering competition and efficiency.¹⁰

The challenge lies in calibrating discretion to allow innovation without compromising transparency and equal treatment.

6.2 Incentive Alignment for Contracting Authorities

Procurement officials' incentives significantly influence efficiency outcomes. Legal frameworks that emphasize accountability, performance measurement, and sanctions for non-compliance align administrative behavior with efficiency objectives.¹¹

7. Competition, Sustainability, and Long-Term Efficiency

7.1 Integrating Sustainability Criteria

Sustainable procurement increasingly integrates environmental and social criteria. From an economic perspective, sustainability-enhancing competition promotes dynamic efficiency by internalizing externalities and reducing lifecycle costs.¹²

Competitive procedures ensure that sustainability objectives are achieved at minimum cost and maximum innovation.

7.2 Lifecycle Costing and Dynamic Competition

Lifecycle costing evaluates costs over the entire lifespan of goods and services. Competition based on lifecycle criteria encourages bidders to offer durable and energy-efficient solutions, enhancing long-term economic efficiency.¹³

8. Empirical Evidence and Comparative Insights

8.1 Empirical Findings on Competition and Savings

Empirical research consistently links increased competition to measurable savings in public procurement. Studies across OECD countries report average savings of 5–20 percent following competition-enhancing reforms.¹⁴

8.2 Lessons from Comparative Experiences

Comparative analysis reveals that jurisdictions combining competition law enforcement with procurement regulation achieve superior efficiency outcomes. Coordination between procurement bodies and competition authorities emerges as a critical success factor.¹⁵

9. Interim Assessment

This chapter confirms that competition is a central determinant of economic efficiency in public procurement. Through a law and economics analysis, it demonstrates that competition-oriented legal governance reduces costs, enhances quality, and promotes innovation, while mitigating risks associated with discretion and market distortion.

Chapter Four

Comparative Legal Frameworks of Competition in Public Procurement: International and Regional Experiences

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Chapter Four

Comparative Legal Frameworks of Competition in Public Procurement: International and Regional Experiences

1. Introduction

Comparative analysis plays a central role in evaluating the effectiveness of legal governance frameworks in public procurement. Given the globalization of procurement markets and the diffusion of international standards, national systems increasingly converge around shared principles while retaining contextual specificities. This chapter examines comparative legal frameworks governing competition in public procurement, focusing on international standards and selected regional experiences. It argues that comparative insights reveal both best practices and structural limitations, highlighting the conditions under which competition governance enhances economic efficiency and public value.¹

2. International Standards Governing Competition in Public Procurement

2.1 UNCITRAL Model Law on Public Procurement

The UNCITRAL Model Law on Public Procurement represents one of the most influential international instruments in the field. Designed to guide legislative reforms, it places competition at the core of procurement governance by emphasizing transparency, objectivity, and equal treatment.²

Key competition-enhancing features include:

- Mandatory publication of procurement notices
- Preference for open tendering as the default procedure
- Clear rules on qualification and evaluation
- Accessible review and remedies systems

The Model Law's flexibility allows states to adapt its provisions while maintaining competition as a guiding principle.

2.2 OECD Standards and Policy Guidelines

The OECD has developed extensive policy guidance addressing competition risks in public procurement. Its recommendations focus on preventing bid rigging, enhancing institutional coordination, and strengthening enforcement.³

OECD best practices emphasize:

- Early involvement of competition authorities
- Data-driven detection of collusive behavior
- Capacity building for procurement officials

These standards frame competition not only as a legal requirement but as a strategic economic policy tool.

3. European Union Framework: A Benchmark Model

3.1 Legal Foundations of Competition in EU Procurement Law

The European Union procurement regime is widely regarded as a benchmark for competition governance. Rooted in the EU Treaties' principles of free movement and competition, procurement directives integrate market access with public interest objectives.⁴

Directive 2014/24/EU establishes:

- Open competition as the norm
- Strict rules on technical specifications
- Transparent and proportionate award criteria

Competition is thus embedded as both a legal obligation and an economic rationale.

3.2 Remedies and Judicial Oversight in the EU

The EU Remedies Directives ensure effective legal protection for bidders by providing rapid review procedures and sanctions. Judicial oversight by national courts and the Court of Justice of the European Union reinforces uniform interpretation and compliance.⁵

Empirical evidence indicates that robust remedies systems increase bidder participation and reduce discriminatory practices, thereby strengthening competition.

4. Regional Experiences Beyond the EU

4.1 United States Federal Procurement System

The United States federal procurement system combines competition requirements with flexibility through negotiated procedures. The Federal Acquisition Regulation (FAR) promotes "full and open competition" while allowing exceptions justified by efficiency or security considerations.⁶

Key features include:

- Broad market access

- Emphasis on competition advocacy
- Strong oversight by audit institutions

Despite its complexity, the U.S. system demonstrates how competition can coexist with procedural flexibility.

4.2 Latin America: Reform and Institutional Challenges

Several Latin American countries have undertaken procurement reforms inspired by international standards. While transparency and competition have improved, enforcement challenges persist due to institutional fragmentation and limited oversight capacity.⁷

Digital procurement platforms have emerged as effective tools for enhancing competition and reducing corruption.

5. Competition Governance in Developing Economies

5.1 Structural Constraints and Legal Transplants

Developing economies often adopt international procurement models through legal transplants. However, contextual factors—such as administrative capacity and market structure—affect the effectiveness of competition governance.⁸

Overly complex procedures may discourage participation, while weak enforcement undermines deterrence.

5.2 Incremental Reform and Capacity Building

Successful experiences highlight the importance of gradual reform, institutional learning, and capacity building. Tailoring competition governance to local conditions enhances both compliance and efficiency outcomes.⁹

6. Digital Procurement and Comparative Innovation

6.1 E-Procurement as a Competition Enhancer

Digital procurement systems play a transformative role in comparative experiences. E-procurement enhances transparency, lowers entry barriers, and facilitates data-driven oversight.¹⁰

Countries that have implemented comprehensive e-procurement platforms report increased bidder participation and cost savings.

6.2 Data Analytics and Competition Enforcement

Advanced data analytics enable authorities to detect collusion patterns and assess competition levels. Comparative evidence suggests that integrating analytics into procurement governance significantly strengthens enforcement capacity.

7. Comparative Assessment: Lessons and Best Practices

Comparative analysis reveals several cross-cutting lessons:

- Competition thrives in transparent and predictable legal environments.
- Institutional coordination enhances enforcement effectiveness.
- Digitalization amplifies competition and efficiency gains.

However, no single model fits all contexts; adaptability remains essential.

8. Interim Assessment

This chapter demonstrates that comparative legal frameworks converge around shared competition principles while diverging in institutional design and enforcement strategies. International and regional experiences confirm that effective competition governance depends on legal clarity, institutional capacity, and contextual adaptation.

Chapter Five

Evaluation, Findings, and Policy Recommendations

This chapter synthesizes the analytical and comparative findings developed throughout the previous chapters and evaluates the effectiveness of legal governance frameworks governing competition in public procurement. It assesses how legal principles, regulatory mechanisms, and institutional arrangements translate into measurable economic efficiency outcomes. Building on a law and economics perspective, the chapter formulates evidence-based policy recommendations aimed at strengthening competition, enhancing value for money, and safeguarding public resources.

2. Evaluation of Legal Governance Effectiveness

2.1 Normative Coherence and Legal Certainty

The evaluation reveals that systems exhibiting high normative coherence—where procurement rules, competition law, and administrative procedures are well-aligned—tend to generate stronger competitive outcomes. Legal certainty reduces bidder risk, encourages market entry, and stabilizes expectations, thereby lowering transaction costs.¹¹

Fragmented or inconsistent legal frameworks, by contrast, create uncertainty and facilitate discretionary behavior, undermining competition and efficiency.

2.2 Institutional Capacity and Enforcement

Institutional capacity emerges as a decisive determinant of governance effectiveness. Even well-drafted legal rules fail to achieve their objectives in the absence of competent procurement authorities, independent oversight bodies, and effective judicial review.¹²

Empirical evidence from comparative experiences shows that enforcement intensity—measured by sanctions, remedies, and oversight frequency—correlates positively with competition levels and cost savings.

3. Key Findings

3.1 Competition as a Determinant of Economic Efficiency

The study confirms that competition is a central driver of economic efficiency in public procurement. Competitive tendering reduces prices, improves quality, and fosters innovation, particularly when supported by transparent procedures and objective award criteria.¹³

3.2 Governance Failures and Efficiency Losses

Governance failures—such as excessive discretion, weak remedies, and limited coordination with competition authorities—lead to efficiency losses through bid rigging, market foreclosure, and inflated costs. These failures represent significant deadweight losses and undermine public trust.

3.3 Digitalization and Data-Driven Oversight

Digital procurement systems and data analytics significantly enhance competition governance. E-procurement platforms increase transparency and participation, while analytics tools strengthen detection of collusive behavior.¹⁴

4. Law and Economics Assessment

4.1 Incentive Structures and Behavioral Outcomes

From a law and economics perspective, procurement rules function as incentive mechanisms shaping bidder and administrative behavior. Well-calibrated incentives align private profit motives with public efficiency objectives, while poorly designed rules encourage opportunism.¹⁵

4.2 Cost–Benefit Considerations

Although competition-enhancing reforms may entail short-term administrative costs, their long-term benefits—through savings and improved performance—far outweigh implementation expenses. Cost–benefit analysis thus strongly supports investment in governance reforms.¹⁶

5. Policy Recommendations

5.1 Strengthening Legal Frameworks

- Codify competition principles explicitly within procurement legislation.
- Harmonize procurement rules with competition law to ensure normative coherence.
- Limit exceptions to competitive procedures through strict proportionality tests.

5.2 Enhancing Institutional Capacity

- Professionalize procurement officials through continuous training.
- Strengthen the independence and resources of oversight bodies.
- Improve judicial specialization in procurement and competition disputes.

5.3 Improving Enforcement and Remedies

- Ensure rapid and accessible review mechanisms for bidders.
- Increase sanctions for anti-competitive practices, including bid rigging.
- Foster cooperation between procurement authorities and competition agencies.¹⁷

5.4 Leveraging Digital Tools

- Expand e-procurement platforms to cover all procurement stages.
- Use data analytics to monitor competition indicators and detect anomalies.
- Promote open data policies to enhance transparency and accountability.

5.5 Context-Sensitive Reform in Developing Economies

- Adapt international standards to local administrative and market conditions.
- Prioritize incremental reforms and capacity building over wholesale legal transplants.
- Encourage regional cooperation and knowledge sharing.

6. Limitations and Future Research

While comprehensive, this study acknowledges limitations related to data availability and jurisdictional diversity. Future research could integrate quantitative econometric analysis and sector-specific case studies to further assess competition–efficiency dynamics.

7. Chapter Conclusion

This chapter demonstrates that effective legal governance of competition is a strategic economic instrument rather than a purely procedural concern. By aligning legal norms, institutional capacity, and enforcement mechanisms, procurement systems can significantly enhance efficiency, integrity, and public value.

General Conclusion

Public procurement stands at the intersection of law, economics, and public policy, representing one of the most powerful instruments through which states influence market behavior and allocate public resources. This study set out to examine the legal governance of competition in public procurement and its impact on economic efficiency through a comprehensive law and economics and comparative analytical approach.

The analysis has demonstrated that competition does not emerge naturally in procurement markets; it must be carefully structured and safeguarded through coherent legal frameworks, robust institutional arrangements, and effective enforcement mechanisms. Transparency, equal

treatment, and proportionality constitute the normative foundations of competition governance, while procedures, award criteria, remedies, and oversight translate these principles into practical outcomes.

Comparative experiences confirm that jurisdictions with strong competition governance frameworks achieve superior efficiency outcomes, including lower costs, improved quality, and enhanced innovation. Conversely, governance failures—manifested in excessive discretion, weak enforcement, and fragmented institutions—generate significant economic losses and undermine public trust.

From a law and economics perspective, procurement law operates as an incentive system that shapes behavior and allocates risks. When incentives are properly aligned, competition becomes a powerful driver of value for money and sustainable development. Digitalization and data-driven oversight further amplify these effects by enhancing transparency and enforcement capacity.

In conclusion, legal governance of competition in public procurement is not merely a technical or procedural matter; it is a strategic economic policy choice with far-reaching implications for fiscal discipline, market integrity, and social welfare. Strengthening competition governance should therefore be a priority for policymakers seeking to maximize the economic and social returns of public spending.

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