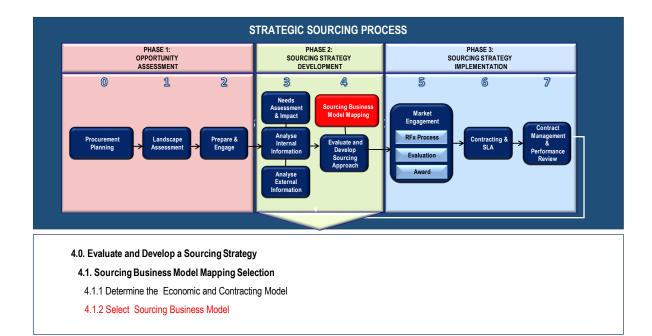
Using this guide

This guide accompanies the National Treasury's Strategic Procurement Framework (SPF) for Strategic Sourcing in the Public Sector. For more information, visit the National Treasury website at http://ocpo.treasury.gov.za/

The SPF can be found here:

http://ocpo.treasury.gov.za/Resource_Centre/Documents/1A.%20Strategic%20Procure ment%20Framework.pdf

SELECTING SOURCING BUSINESS MODEL



1.0 Introduction

- i. The selection of the sourcing business model is a critical task that can be done as a facilitated workshop or strategy meeting with all the key stakeholders present.
- ii. The stakeholders are encouraged to debate, justify and interrogate to reach the most appropriate consensus for both the relationship and economic models.
- iii. The cross-functional sourcing teams (CFST) should complete the mapping individually and compare the outcomes.
- iv. The following good practice guides and templates apply to this stage of selecting a sourcing business model:

- a. The 4-step process to determine the sourcing business model
- b. The seven (7) Sourcing business models
- c. Relational model mapping (template)
- d. Determine economic model (template)
- e. Definitions of the attributes (template)

1.1 The objective

- i. To ensure that the most appropriate sourcing business model is adopted.
- ii. Also to help determine what Sourcing Business Model is the "best fit" for the prospective sourcing relationship.

1.2 Output

Sourcing business model

2.0 Good practice guides

2.1 The 4-step process for determining the sourcing business model.

- i. This exercise includes four steps that, when properly completed, will help you determine what is the most appropriate Sourcing Business Model for your specific situation.
- ii. **Step 1:** Select the defined spend category/categories you are sourcing/ potentially sourcing.
- iii. Step 2: Determine the best relationship model for what you are sourcing.
 - a. This will help answer questions about the business environment, such as the overall level of dependency, the risk comfort zone and the strategic impact of each spending category.
 - b. For example, one of the attributes of "map" is the level of supplier integration/interface.
 - c. The answers will range from none to critical.

- d. The following questions help to determine the best relationship model. There are 6 possible answers, from A, B, C, D, E and F, with responses ranging from none to critical.
- e. In the example, (Table 1: Determining the best relationship model) the stakeholders have agreed on this attribute level of supplier integration as C (relational contract).
- f. The questions which test dependence and relational attributes are listed in the following table.

Attributes to Determine the Best Relationship				Relational Contract			
Model	Α	В	С	D	Е	F	
Dependency							
The overall cost to switch suppliers	Low	Low	Medium	Medium to High	Medium to High	High	
Physical asset specificity (location, machinery, processes)	Low	Low	Medium	Medium to High	Medium to High	High	
Skill Level Needed for Predominant Personnel	Unskilled	Semi-skilled	Skilled	Professional	Professional	Expert	
Level of supplier Integration/interface required (systems, support processes)	None	Low	Medium	High	Very High	Critical	
Overall availability of service/product in the marketplace	Widely Available	Widely Available	Wide to Moderate Availability	A limited number of capable suppliers	A limited number of capable suppliers	Scarcely Available	
Availability of Human Resources	High	High	Medium	Low	Low	Low	
Availability of Required Technology	Universal	Limited	Restricted	Restricted to Scarce	Scarce	Unique	
Access to buyer's critical systems and processes	None	Low	Medium	High	Very High	Critical	

Table 1: Determining the Best Relationship Model Worksheet

- i. What is the overall level of dependency associated with each spend category?
- ii. What is the strategic impact of the spend category?
- iii. Does this spend category provide your organisation with a core competency or competitive advantage?
- iv. What is the degree of risk associated with this spend category?

Attributes to Determine the	Transactional Contract		Relational Contract			Investment
Best Relationship Model	A	В	С	D	E	F
Level of supplier Integration/interface required (systems, support processes)	None	None	Medium	High	Very High	Critical

Table 2: Determining the best relationship model

- iv. Step 3: Determine the best economic model for what you are sourcing.
 - a. The most widely used economic model in businesses today is transactional.
 - b. The reason is that they are the easiest to administer. Suppliers are paid for work done.
 - c. But as the organisation matures, an output or outcome-based economic model is preferred because it gives the supplier a greater degree of freedom to provide solutions that will create value and drive innovation.
 - d. The economic model has three possible outcomes (Transaction-Based Economic Model, Output-Based model and Outcome-Based economic model)
 - e. The following questions help to determine the best economic model.
 - f. There are 6 possible answers from 1, 2, 3, 4, 5, and 6, with responses ranging on a scale from none to significant.
 - g. In this example, (Table 2: Determining the best economic model) assuming the predominant column was 3, and the economic model is transactional.
 - h. The questions that test economic attributes are listed after the following table.

Attributes to Determine the Best Economic Model	Transaction-Based			Output- Based	Outcome- Based	
ine besi Economic Modei	1	2	3	4	5	6
Potential to Create Value / Mutual Advantage*						
Potential Efficiency Gains	None	Low	Medium	High	Very High	Significant
Potential for Revenue Increase	None	Low	Medium	High	Very High	Constant
Potential for Innovation	None	Low	Medium	High	Very High	Critical
Size of investments needed to achieve outcomes (buyer or supplier)	Low	Medium	High	High to Invest	Invest	Invest
Nature of Workscope/Tasks ²						
Degree of Supplier Control Over Outcome	Low	Low	Low	High	Medium- High	N/A
Type of Success Measure Desired/Required	Transactional Task Metrics	Transactional Task Metrics	Transactional Task Metrics	Output SLA Metrics	Strategic KPI or Business Outcomes	Strategic KPI or Business Outcomes
Ease at Which Task/Workscope Can be Specified	High	High	Medium	Medium	Can Vary	Very difficult or Impossible
Criticality of the Work ⁴						
Risk related to operational safety	Minimal	Low	Medium	High	High	Critical
Risk related to operational reliability	Minimal	Low	Medium	High	High	Critical
Commercial Preferences						
Financial Risk Tolerance for Client	High Risk	High Risk	Medium Risk	Medium- Low Risk	Shared Risk	N/A
Financial Risk Tolerance for Service Provider	Low Risk	Low Risk	Low Risk	Medium Risk	Shared Risk	N/A

Table 3: Determining the Best Economic Model Worksheet

- i. How much potential is there to create mutual advantage by collaborating with a supplier?
- ii. What is the nature of the work scope?
- iii. What is the criticality of the work?
- iv. What are your risk tolerance preferences?
- v. Based on the nature of your stakeholders' requirements, you will select one of the three economic models.

Attributes to Determine the Best Economic Model	Transaction-Based Economic Model			Output -Based	Outcome -Based	
Best Economic Model	1	2	3	4	5	6
Potential Efficiency Gains	None	Low	Medium	High	Very High	Significant

Table 4: Determining the Best Economic Model

- vi. **Step 4**: Develop a consensus view of the sourcing business model that is right for your situation.
 - a. The best sourcing model will be a combination of the relationship model and the economic model chosen.
 - b. This comes from an evaluation by the stakeholders.
 - c. To identify and select the most appropriate sourcing business model for the commodity, step 4 uses the information from steps 2 and 3.
 - d. The Sourcing Business Model matrix is a simple 3x3 matrix that has the three relationship models on the horizontal axis and the three economic models on the vertical axis.
 - e. You should take your "answer" from Steps 2 and 3 and "plot" them into the Matrix.
 - f. Using the example, where the economic model was 3 (transactional) and the relational model was C (relational), the sourcing business model would be the preferred supplier, as indicated in Table 3.

		Relationship/Contract Model					
		Transactional Contract (Market)	Relational Contract (Hybrid)	Investment (Vertical Integration/ Hierarchy)			
Model	Outcome-Based Economics tied to Boundary Spanning/ Business outcomes	Mismatch – not a viable strategy	• Vested	 Equitable Partner (e.g. Joint Venture, Subsidiary) Vested Shared Services 			
Economic Model	Output-Based (Performance-Based/ Managed Services) Economics tied to Supplier Output	Mismatch – not a viable strategy	 Performance- Based (Managed Services) Agreement 	 Equitable Partner (e.g. Joint Venture, Subsidiary, Co-op) Shared Services 			

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Transaction-Based Economics tied to activities drive behaviour, e.g. per unit, per hour	Basic Provider Approved Provider	Preferred Provider	 Equity Partner (e.g. Joint Venture, Subsidiary) Shared Services
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Table 5: Determining the Best Sourcing Model

Source: Used with permission. Vested® www.vestedway.com. Vested, Inc.

vii. The final mapping also informs the contractual agreement, and the following questions can be considered:

- i. How does your mapping compare to your potential partner's mapping? And why?
- j. Did conversations about mismatches between the views resolve the mismatches and foster a better understanding between the parties?
- k. Which Sourcing Business Model is the most appropriate? How did this compare with your original expectations?
- I. Did your viewpoint change when you bundled one or more services?
- m. How does this knowledge change your perception of which Sourcing Business Model is appropriate for what you are sourcing?

2.2 The seven (7) Sourcing business models

- i. The axes used to classify the business models are that of dependency and shared value.
- ii. The more dependency, the more commodity-based market approaches should not be used.
- iii. The second axis is that of shared value.
- iv. The more potential rewards to an organisation, the more an organisation should strive to use risk/reward incentives that are inherent in outcome-based or investment-based approaches.
- v. Figure 1 (mapping the sourcing business model) indicates the relationship between the levels of dependency and the shared value as the critical coordinates in determining the most appropriate sourcing business model.

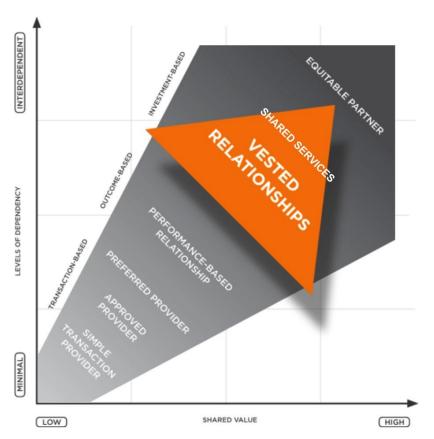


Figure. 1: Mapping the Sourcing Business Models

- vi. The Sourcing Business Model Mapping selection provides an excellent tool to help determine where to plot each sourcing category.
- vii. Those organisations with a low level of maturity tend to be tactically focused on executing day-to-day purchase orders.
- viii. On the other hand, those organisations with a high degree of maturity think about sourcing from a more holistic approach, proactively managing the organisational spending and suppliers.
- ix. Table 4 indicates the relationship between the sourcing business models and the nature of the relationships.

Sourcing Business	Sourcing Business A	Model Categories	
Models	Transaction-	Outcome Based	Investment Based
	Based		
Simple			
Transaction	Χ		
(Basic) Provider			
Approved	X		
Provider	^		
Preferred Provider	Χ		
Performance-			
Based		X	
Relationship			
Vested		X	X
Relationship		^	^
Shared Services			X
(Internal)			^
Equitable Partner			X
(External)			^

Table 6: Matching the Sourcing Business Models with Sourcing Business Model Categories

Source: Used with permission. Vested® www.vestedway.com. Vested, Inc

2.2.1 The transaction-based models

- i. In a transaction-based model, the commercial aspects around the most competitive price (MCP) are prioritised ahead of the relationship.
- ii. It is based on a Purchase Order (PO) three-way matching (PO, Invoice and Delivery Note).

The three types are simple transaction providers, approved providers, and preferred providers as indicated in Table 5.

Sourcing Relationship	Focus	Interaction	Cooperation Level	Required Trust Level	Characterised by
Simple Transaction Provider	Cost and Efficiency	Standard Terms, Fixed Price	Low – Automated where possible	Minimal – single transaction	Abundant and easy to resource, no need for a relationship
Approved Provider	Economies of Scale, Ease of Transactions	Blanket, Negotiated Terms, Pricing Agreements	Medium – Based on pricing or specifications	Medium – common terms and price agreement	Managed by category locally and across the business sector, purchases bundled for economies of scale

Sourcing Relationship	Focus	Interaction	Cooperation Level	Required Trust Level	Characterised by
Preferred Provider	Capability, Capacity, and Technology Transactions	Contract, SOW, Pricing Agreement, Possible Gain Sharing SLAs	High – Set out in a long-term service contract	High – defined by contract, high spend zone	Integral supply across business units, delivering added value and capability, not so abundant, a pain to resource

Table 7: Transactional-based Sourcing Business Models

Source: Used with permission. Vested® www.vestedway.com. Vested, Inc

2.2.2 The outcome-based business models

- An outcome-based business model pays a service provider for the realisation of a defined set of business outcomes, business results, or achievement of agreed-on key performance indicators.
- ii. The two types are outcome-based business models are performance-based and vested relationships as indicated in Table 6.

Sourcing Relationship	Focus	Interaction	Cooperation Level	Required Trust Level	Characterised by
Outcome- Based/ Performance- Based Relationship	Outcomes of Performance	SRM Governance, Performance Incentives, Fees at Risk	Integrated	Integrated	Longer-term relationship
Vested Outsourcing Relationship	Mutual Gain, Shared Outcomes	Vested Agreement, Vested Governance Framework, Performance Incentives, Margin Matching	Integrated – cooperative, Win-Win	Integrated – behaves as a single entity	Interdependent outcomes, aligned, mutual gain, managed performance, long-term relationship

Table 8: The Outcome-based Sourcing Business Models

Source: Used with permission. Vested® www.vestedway.com. Vested, Inc.

2.2.2 The Investment-Based Models

- i. Organisations that struggle to meet complex business requirements using conventional transaction-based or outcome-based approaches, typically invest to develop capabilities themselves through a process of insourcing.
- ii. The two types are shared services and equity partner sourcing business models as indicated in Table 7.

Sourcing Relationship	Focus	Interaction	Cooperation Level	Required Trust Level	Characterised by
Shared Services	Leveraging Cost and Investments	Cross Company Services may include multi- company service	Integrated – cooperative, Win-Win	Integrated – dictated by equity sharing	Formal charter, inter-company governance structure, interdependent outcomes, aligned goals and objectives, managed performance, Win-Win relationship
Equity Partner	Equity Sharing	Joint Venture Asset-Based Governance Framework	Integrated – cooperative, interrelated structure	Integrated – dictated by equity sharing	Legally bound, formal strategic partnerships, mergers and acquisitions, asset sharing/holding

Table 9: The Investment-based Sourcing Business Models

Source: Used with permission. Vested® www.vestedway.com. Vested, Inc

3.0 Templates

3.1 Relational model mapping template

Attributes to Determine	Transaction	al Contract	Relational C	ontract		Investment
the Best Relationship Model	Α	В	С	D	Е	F
Dependency						
The overall cost to switch suppliers	Low	Low	Medium	Medium to High	Medium to High	High
Physical asset specificity (location, machinery, processes)		Low	Medium	Medium to High	Medium to High	High
Skill Level Needed for Predominant Personnel	Unskilled	Semi-skilled	Skilled	Professional	Professional	Expert
Level of supplier Integration/interface required (systems, support processes)	None	Low	Medium	High	Very High	Critical
Overall availability of service/product in the marketplace	Widely Available	Widely Available	Wide to Moderate Availability	A limited number of capable suppliers	A limited number of capable suppliers	Scarcely Available
Availability of Human Resources	High	High	Medium	Low	Low	Low
Availability of Required Technology	Universal	Limited	Restricted	Restricted to Scarce	Scarce	Unique
Access to buyer's critical systems and processes	None	Low	Medium	High	Very High	Critical
Strategic Impact/Core Competency for Buyer	No	No	No	Maybe	Maybe	Yes
Degree of Business Risk						
Profit Impact (volume purchased, % of total purchased costs, impact on business growth)	None	Low	Medium	High	Very High	Critical
Service failure impact on the end customer/brand experience	None	Low	Medium	High	Very High	Critical
Service failure impact on internal customer experience	None	Low	Medium	High	Very High	Critical
Regulatory Compliance Policy	Meet Standard	Meet Standard	Meet Standard or Higher	Meet Standard or Higher	Meet Standard or Higher	Meet Standard or Higher
Uncertainty of Demand	N/A	Manage unanticipated demand spikes with multiple sources	Provider response to unanticipated volume spikes limited	The contractual ability of the supplier to respond to spikes	Contractual flexibility for supplier and client to respond to spikes to optimise the business	Capacity is set based on captive assets + using market if not asset-specific

Table 10: Determine the Relationship Model (template)

Source: Used with permission. Vested® www.vestedway.com. Vested, Inc

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Economic model template

Attributes to Determine the Best	Transaction - Based			Output -Based	Outcome -Based	
Economic Model	1	2	3	4	5	6
Potential to Create Value / Mutual Advantage						
Potential Efficiency Gains	None	Low	Medium	High	Very High	Significant
Potential for Revenue Increase	None	Low	Medium	High	Very High	Constant
Potential for Innovation	None	Low	Medium	High	Very High	Critical
Size of investments needed to achieve outcomes (buyer or supplier)	Low	Medium	High	High to Invest	Invest	Invest
Nature of Workscope/Tasks						
Degree of Supplier Control Over Outcome	Low	Low	Low	High	Medium- High	N/A
Type of Success Measure Desired/Required	Transactional Task Metrics	Transactional Task Metrics	Transactional Task Metrics	Output SLA Metrics	Strategic KPI or Business Outcomes	Strategic KPI or Business Outcomes
Ease at Which Task/Workscope Can be Specified	High	High	Medium	Medium	Can Vary	Very difficult or Impossible
Criticality of the Work ⁴						
Risk related to operational safety	Minimal	Low	Medium	High	High	Critical
Risk related to operational reliability	Minimal	Low	Medium	High	High	Critical
Commercial Preferences						
Financial Risk Tolerance for Client	High Risk	High Risk	Medium Risk	Medium-Low Risk	Shared Risk	N/A
Financial Risk Tolerance for Service Provider	Low Risk	Low Risk	Low Risk	Medium Risk	Shared Risk	N/A

Table 11: Determine the Economic Model (template)

Definitions of the attributes

Attribute	Definition
The overall cost to switch	Costs include both hard (transition costs, employee retention costs, system integration with
suppliers	new supplier) and soft costs (time and effort to manage a transition)
Physical asset specificity (location,	the extent to which investments are made to support a particular buyer requirement is unique for the buyer (specialised tooling, dedicated warehouse)
machinery, processes)	
Skill Level Needed for Predominant Personnel	How dependent is the good or service on knowledge, capabilities and skills held by the workforce?
Level of supplier	Could the buyer or other providers duplicate these processes easily? What level of integration is needed between the buyer and supplier about systems,
Integration/interface required (systems, support processes)	training, and support processes?
Overall availability of service/product in the marketplace	Are there companies in the market providing similar services?
 Availability of Human Resources 	Are there companies in the market providing similar services?
 Availability of Required Technology 	To what extent is the technology used to support the service available in the market?
Access to buyer's and suppliers' critical systems and processes	To what extent do the buyer and supplier need to have access to each other systems to be successful?
Strategic Impact/Core Competency for Buyer	Is the good or service being produced a core competency for the buyer?
Profit Impact (volume purchased, % of total purchased costs)	Profit impact can be volume or value purchased, impact on supply chain "value-add"
Service failure impact on end customer/brand experience	What would be the impact on the buyer's organisation brand or the end customer if there were a service failure?
Service failure impact on internal customer experience	What would be the impact on the buyer's internal customer experience if there was a service failure? (e.g. in a facilities management agreement, what would be the impact if the facility was shut down?)
Regulatory Compliance Policy	To what extent do state, federal or other regulations impact the delivery of the service? What is the buyer's tolerance and preference for ensuring regulatory compliance requirements are met for this particular service?
Uncertainty of Demand	How stable (or uncertain) is the demand associated with this particular good or service?
Potential Efficiency Gains	To what level does the service impact efficiency or cost?
Potential for Revenue Increase	To what extent is the ability to expand the service to support future business needs important? If the buyer and supplier entered into a highly collaborative relationship, would the potential for revenue increase?
Potential for Innovation	To what level does the service support innovation? Is the provider able to drive innovation that benefits the buyer?
Size of investments needed to achieve outcomes (buyer or supplier)	To what extent is the size of the investment needed by the buyer or supplier to achieve the desired outcomes? (e.g. buyer needs a dedicated warehouse in the Middle East, buyer wants transformation of back office procure to pay operations)
Degree of Supplier Control Over Outcome	It is common for a buyer to dictate "how" a supplier should do work (e.g. provide a detailed technical drawing, or statement of work outlining the tasks). To what extent does the supplier have the ability to control the work or outcome?
Type of Measurement Desired ^{2,4}	Preference for the type of measurement that is best suited to meet buyer's needs.
Ease at Which Task/Workscope Can be Specified	The extent to which the task or workshop can be specified in advance in detail. For example, the job of a janitor is easier to specify than the job of a computer programmer
Risk related to operational safety	To what level does the service support the overall safety of the operation?
Risk related to operational reliability	To what level does reliability and consistency of performance and quality play in the delivery of the service?
Financial Risk Tolerance	The preference for which an organisation is willing to accept risk in exchange for a fair return on their investment.

Table 12: Definitions of the Attributes