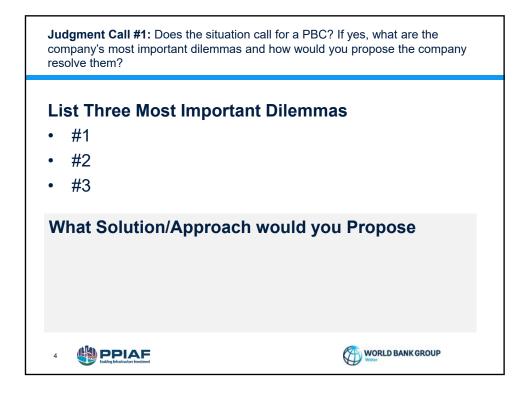
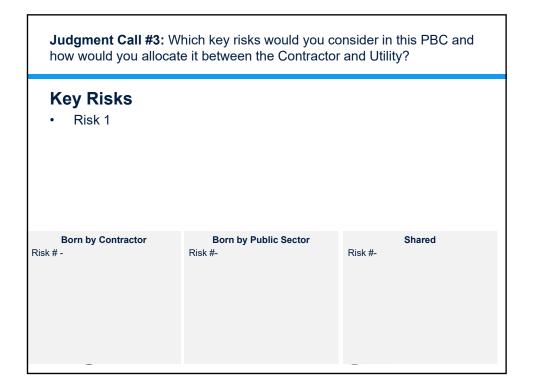


	Example Ajuga	
	Description	Tropical Island
	Data Availability	Good
	No. of connections	50,000
 Key Descriptions Tropical island with tourist economy High growth expected, about 3% Relatively high pressure Continuous supply 100% customer metering 	Length of Mains, km	500
	Average Operating Pressure, m	40
	Water Production Capacity, 1000 m3/day	86.0
	Water Production Capacity Utilization, %	82%
	Continuity of Supply	24x7
	Potential Improvement in Continuity	NA
	System Input Volume, 1000 m3/day	70.3
	Estimated Billed Consumption, 1000 m3/day	46.4
	Estimated Total NRW, 1000 m3/day	23.9
	Estimated Apparent Loss + UAC, 1000 m3/day	5.9
High water consumption	Estimated Real Loss, 1000 m3/day	18.0
Adequate current capacity	Extent of Customer Metering	100%
	Average Full Use, m3/connection/month	30
NRW @ 23,900 m³/day	Average Full Use, L/Capita/Day @6 people/conn.	164 3%
NRW @ 478 L/conn/day	Expected Growth in Demand, % / year Variable Cost of Water, \$/m3 produced	3% \$0.95
Real loss @ 3x Apparent loss	Cost of Water from next Supply, \$/m3 produced	\$1.50
Use of costly desalinated water	Average Tariff for metered connections, \$/m3 sold	\$3.00
High tariff	Fee for Unmetered Connections, \$/month	45.00 NA
0	Operating Ratio = Oper Revenues / Oper Costs	1.04
Revenues just cover O&M costs 2		BANK GROUP

	Case
 Key Descriptions Economy Demand Growth Pressure Continuous supply Customer metering Water consumption Current production capacity NRW @ x m³/day NRW @ x L/conn/day Real loss @ xtimes Apparent loss Use of costly desalinated water Tariff Revenues versus O&M costs 	Description Data Availability No. of connections Length of Mains, km Average Operating Pressure, m Water Production Capacity, 1000 m3/day Water Production Capacity, 1000 m3/day Water Production Capacity, Utilization, % Continuity of Supply Potential Improvement in Continuity System Input Volum, 1000 m3/day Estimated Total NRW, 1000 m3/day Estimate Apparent Loss + UAD, 1000 m3/day Estimate Real Loss, 1000 m3/day Extent of Customer Metering Average Full Use, m3/connecaioth/month Average Full Use, L/Capita/Day @ 6 people/conn. Expected Growth in Demand, %/year Variable Cost of Water, \$m3 produced Cost of Water from next Supply, \$/m3 produced Average Tariff for metered connections, \$/m3 sold Fee for Unmetered Connections, \$/m3 sold Fee for Unmetered Connections, \$/m3 sold
3 Ending Masteriater Investment	



Judgment Call #2: What is the objective of the PBC? What project components would include and how would you structure the payment mechanism? Which Components would you put as payment at risk?					
 Project Objective: Please Project Components: One Two Three Four 	e state				
Performance Based Payment for	Fixed Fee Payment for	Progress or Outputs Payment for			



	Judgment Call #4: Which PBC contract models would be relevant and why?				
	Probably Applicable	Probably Not Applicable			
7		WORLD BANK GROUP			

