

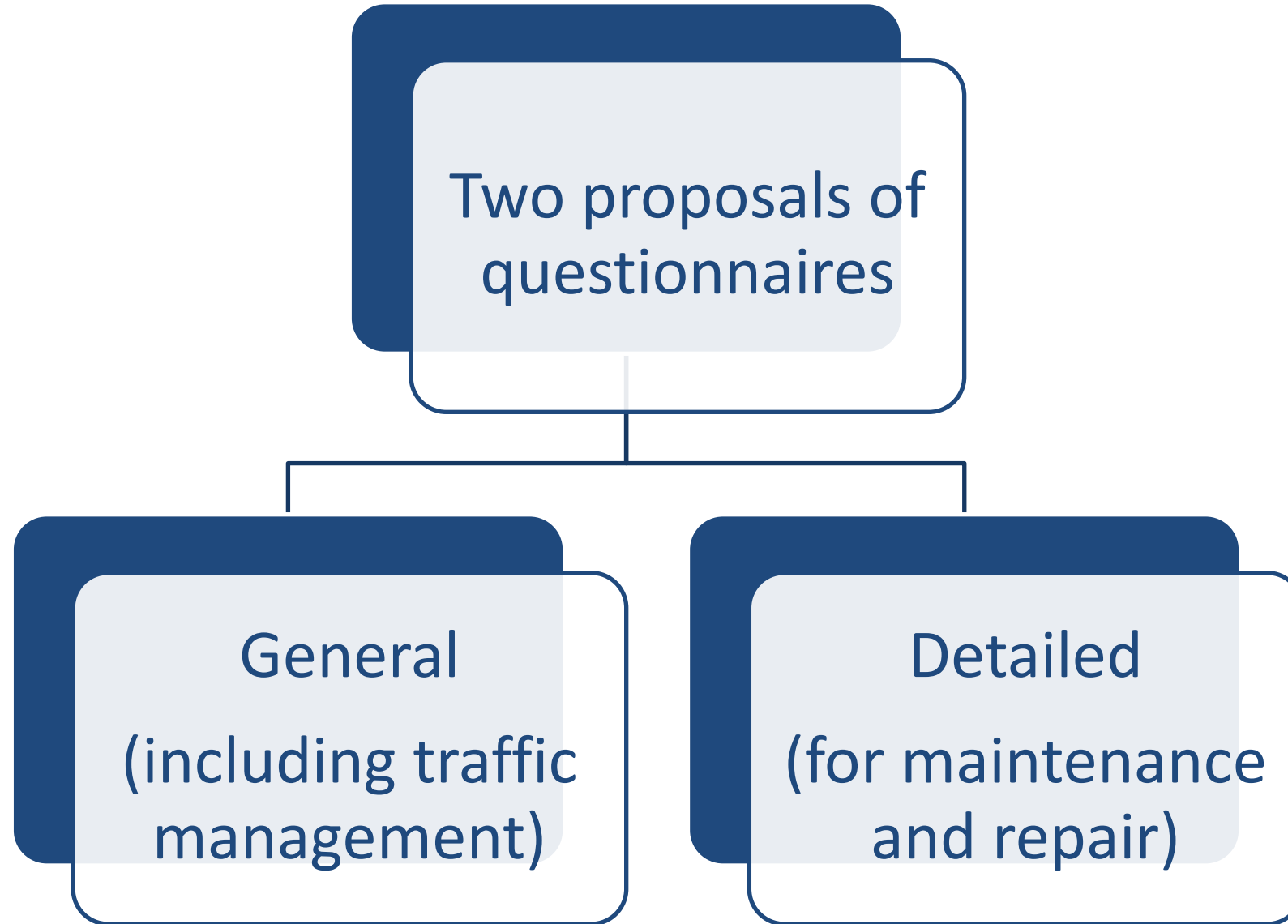


Group of Experts on Benchmarking Transport Infrastructure Construction Costs – rail

8-9 April 2021

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Questionnaires on maintenance, repair, traffic management



General questions

				PRICES YEAR:-----
				Unit: US\$
	Annual direct cost of maintenance and repair, and traffic management			Total
	Cost of maintenance and repair		Cost of traffic management	
	Cost directly related to railway line	Cost indirectly related to railway line		
Rail infrastructure network				
Km of line depending on line category (please describe each category)				
Category 1				
Category 2				

Cost of maintenance and repair directly related to railway line - examples

tracks

switches&crossings

bridges&viaducts

overhead contact
line

level crossings

pedestrian passages

signalling system

lighting installation

ecopassages

Cost of maintenance and repair indirectly related to railway line - examples

equipment and devices for track work

emergency repair staff

devices for rail welding

buildings for technical facilities

machinery

occupational safety and health

vehicles

telecommunications

rolling stock for repair work

Cost of traffic management - examples

traffic
dispatchers

switchmen

signalmen

Detailed questions

							PRICES YEAR:-----
							Unit: US\$
	Cost of maintenance and repair in railway sector						
	Operations	Preservation	Diagnostics	Running repair	Capital repair	Emergency repair	Winter operations
Tracks							
Power supply							
Staff for removing failures							
Technical emergency staff							
Level crossings							
Switches and crosses							
Bridges and viaducts							
Equipment for repair work							
Signalling system							
Overhead contact line							
Buildings							
Pedestrian passages							
Lighting installation							
Removal of trees and bushes							
Ecopassages and other animal protection							

- **How the system of financing the maintenance, repair, and traffic management is organised?**
- **Have you implemented or are you planning to implement Asset Management?**



PKP POLSKIE LINIE KOLEJOWE S.A.

Zarządca narodowej sieci linii kolejowych

Thank you for your attention