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Economic Commission for Europe

Inland Transport Committee

Working Party on Transport Trends and Economics

Group of Experts on Benchmarking Transport Infrastructure Construction Costs

Fifth session

Geneva, 30 and 31 January 2018

Item 3 of the provisional agenda

Transport Infrastructure Construction costs: Presentations of terminologies used

Questionnaire on railways

Submitted by PKP Cargo

B. Main Remarks

3. The following remarks should be taken into consideration while considering the suggested questionnaire:

- (a) Currency is US\$;
- (b) ~~Road related costs are preferably given excluding superstructures (tunnels, viaducts, bridges);~~
- (c) All costs and other data related with monetary units are as of 2016 prices;
- (d) All data are as of end of 2016;
- (e) If some data are not available, missing or not N/A (Not Applicable) should be noted;
- (f) The terminology used is based on the Glossary from the Texas Department of Transport (TxDOT). Experts should consider the terminology used and make relevant comments / amendments.

II. Questionnaire

1. 4- Question 1: Provide the following sSocial and economic indicators

- GNP-GDP(US\$) ~~(end of 2016)~~
- Population ~~(end of 2016)~~
- GNP-GDP per capita (US\$) ~~(end of 2016)~~
- Surface area (km²)
- ~~Density (end of 2016) Person/m²~~
- Length of ~~roads-railway lines (end of 2016)~~ (km):

2. Information on existing lines

Length of lines (km)

Total:

V<250 km/h:

V>250 km/h:

3. Construction costs

	V<250 km/h	V>250 km/h
acquisition of land (US\$/km ²)		
feasibility studies, designs, administrative fees (US\$/km ²)		
preparatory works (trees and bushes removal, demolition etc.) (US\$/km)		
earthworks (US\$/km)		
tracks and track bed (US\$/km)		
turnouts		
traction electric power engineering		
non traction electric power engineering		
buildings		
bridges (US\$/km)		
tunnels (US\$/km)		
viaducts (US\$/km)		
culverts (US\$/km)		
level crossings		
pedestrian passages (US\$/km)		
ecopassages (US\$/km)		
platforms		
elevators, stairs, ramps		
signalling systems		
telecommunication and IT		
passenger information system		
lighting installation		
sidings		

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Comment [KM1]: It has been indicated already

Comment [KM2]: We can calculate density having population and surface area

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Comment [KM3]: TBD whether it's necessary here

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