

<b>BILL OF QUANTITIES AND PRICES: TURNOUT SLEEPER REPLACEMENT:</b>					
<b>HBG,PLZ,KGR,KBY,BLE AND BFX</b>					
			04-May-10		
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL
<b>1</b>	<b>Preparatory Work</b>				
1.1	Measurement of sleepers (Infra-bolt process)				
1.1.1	Any 1:9 turnout complete (100m of sleepers).	Turnout	37		
1.1.2	Any 1:12 turnout complete (135m of sleepers).	Turnout	75		
1.1.3	Any 1:7 diamond crossing complete (290m of sleepers).	Diamond	1		
1.1.4	Any damaged sleeper on 1:9 or 1:12 turnout or 1:7 diamond crossing	Metre	1500		
1.2	Repair Turnout Geometry (Infra-bolt process)				
1.2.1	Any 1:9 turnout complete (100m sleepers)	Turnout	37		
1.2.2	Any 1:12 turnout complete (135m of sleepers)	Turnout	75		
1.2.3	Any 1:7 diamond crossing complete (290m of sleepers)	Diamond	1		
2.0	Replacement of sleepers (Infra-bolt process)				
2.1	Any 1:9 turnout complete (100m of sleepers). (Contractor-supply-Contractor-install)	Turnout	1		
2.2	Any 1:12 turnout complete (135m of sleepers). (Contractor-supply-Contractor-install)	Turnout	1		
2.3	Any 1:7 diamond crossing complete (290m of sleepers). (Contractor-supply-Contractor-install)	Diamond	1		
2.4	Any damaged sleeper on 1:9 or 1:12 turnout or 1:7 diamond crossing. (Contractor-supply-Contractor-install)	Metre	10		
2.5	Unit rate for correction to actual meters of sleeper per turnout (Clause 1 PS) (Contractor-supply-Contractor-install) Provisional	Metre	10		
2.6	Any 1:9 turnout complete (100m of sleepers). (TFR-supply-Contractor-install)	Turnout	37		
2.7	Any 1:12 turnout complete (135m of sleepers). (TFR-supply-Contractor-install)	Turnout	75		
2.8	Any 1:7 diamond crossing complete (290m of sleepers). (TFR-supply-Contractor-install)	Diamond	1		
2.9	Any damaged sleeper on 1:9 or 1:12 turnout or 1:7 diamond crossing. (TFR-supply-Contractor-install)	Metre	1500		
2.10	Unit rate for correction to actual meters of sleeper per turnout (Clause 1 PS) (TFR-supply-Contractor-install) Provisional	Metre	1800		
2.11	Compensation Rate for reduced occupation time to below 10 hours (e.g. Metro Lines)	Operation -Hour	200		
<b>A3.00</b>	<b>Establishment per Depot Area (Incl. Associated Pre-inspection) - NO TFR WAGONS PROVIDED</b>				
A3.01	Replacement within Bellville depot area	sum	3		
A3.02	Replacement within Bloemfontein depot area	sum	3		
A3.03	Replacement within Port Elizabeth depot area	sum	3		
A3.04	Replacement within Kimberley depot area	sum	3		
A3.05	Replacement within Krugersdorp depot area	sum	3		
A3.06	Replacement within Isando Central depot area	sum	Rate Only		
A3.08	Replacement within Koedoespoort depot area	sum	Rate Only		
A3.09	Replacement within Nelspruit depot area	sum	Rate Only		
A3.10	Replacement within Pietersburg depot area	sum	Rate Only		
A3.11	Replacement within Heidelberg depot area	sum	3		
A3.12	Replacement within Ladysmith depot area	sum	Rate Only		
A3.13	Replacement within Durban depot area	sum	Rate Only		
A3.14	Replacement within Empangeni depot area	sum	Rate Only		
A3.15	Replacement Ore line (between Saldanha and Erts)	sum	Rate Only		
A3.16	Replacement within Ermelo depot area	sum	Rate Only		
A3.17	Moving the Contractor's camp complete by road	km	3000		

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ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL
<b>B3.00</b>	<b>OPTION : Establishment per Depot Area (Incl. Associated Pre-inspection) - TFR WAGONS PROVIDED</b>				
<b>B3.01</b>	Replacement within Bellville depot area	sum	3		
<b>B3.02</b>	Replacement within Bloemfontein depot area	sum	3		
<b>B3.03</b>	Replacement within Port Elizabeth depot area	sum	3		
<b>B3.04</b>	Replacement within Kimberley depot area	sum	3		
<b>B3.05</b>	Replacement within Krugersdorp depot area	sum	3		
<b>B3.06</b>	Replacement within Isando Central depot area	sum	Rate Only		
<b>B3.08</b>	Replacement within Koedoespoort depot area	sum	Rate Only		
<b>B3.09</b>	Replacement within Nelspruit depot area	sum	Rate Only		
<b>B3.10</b>	Replacement within Pietersburg depot area	sum	Rate Only		
<b>B3.11</b>	Replacement within Heidelberg depot area	sum	3		
<b>B3.12</b>	Replacement within Ladysmith depot area	sum	Rate Only		
<b>B3.13</b>	Replacement within Durban depot area	sum	Rate Only		
<b>B3.14</b>	Replacement within Empangeni depot area	sum	Rate Only		
<b>B3.15</b>	Replacement Ore line (between Saldanha and Erts)	sum	Rate Only		
<b>B3.16</b>	Replacement within Ermelo depot area	sum	Rate Only		
<b>4.00</b>	<b>Categories of Site Restriction</b>				
<b>4.01</b>	Work site situated in-between multiple railway lines	work site	30		
<b>4.02</b>	No service road access to site	work site	30		
<b>4.03</b>	Formation level of work site on embankment of 1 meter or higher	work site	30		
<b>4.04</b>	Formation level of work site in cutting of 1 meter or deeper	work site	30		
<b>5.00</b>	<b>Standing Time</b>	day	40		
<b>6.00</b>	<b>Work after hours</b>				
<b>6.10</b>	<b>Normal Overtime (Outside normal working hours and on Saturdays)</b>				
<b>6.11</b>	Labourers	man hour	1200		
<b>6.12</b>	Unskilled	man hour	660		
<b>6.13</b>	Skilled	man hour	450		
<b>6.14</b>	Driver Operator	man hour	180		
<b>6.15</b>	Artisan	man hour	120		
<b>6.16</b>	Supervisor	man hour	60		
<b>6.20</b>	<b>Sunday Time (Including work on Public Paid Holidays)</b>				
<b>6.21</b>	Labourers	man hour	1800		
<b>6.22</b>	Unskilled	man hour	800		
<b>6.23</b>	Skilled	man hour	500		
<b>6.24</b>	Driver Operator	man hour	250		
<b>6.25</b>	Artisan	man hour	180		
<b>6.26</b>	Supervisor	man hour	70		
<b>7.00</b>	<b>Day Labour (NOT Applicable to provision of Flagmen)</b>				
<b>7.01</b>	Labourers	man hour	1300		
<b>7.02</b>	Unskilled	man hour	4000		
<b>7.03</b>	Skilled	man hour	800		
<b>7.04</b>	Driver Operator	man hour	360		
<b>7.05</b>	Artisan	man hour	20		
<b>7.06</b>	Supervisor	man hour	15		

