TRANSNET
freight rail

Bill of Quantities 2010-07-08

Item	Description	Quantity	Units	Unit Rates Material	Labour	Total Material	Labour	TOTAL
1	Server software and licences	1	Lot					
1a	Loading physical optical fibre cable network data	1	Lot					
1b	Loading fibre allocation data for all OFC	1	Lot					
1c	Loading associated customer and SLA data	1	Lot					
1d	Report writing for network faults, outages and availability	1	Lot					
1e	All required documentation	1	Lot					
2	Client Station software and licences (clause 6.3)	4	Each					
3	Web Client Station software and licences (clause 6.4)	8	Each					
4	RTU equipped with 4 ports (clause 6.6 and 6.8)	32	Each					
5	OTDR unit (clause 6.7)	32	Each					
6	WDM filters (clause 6.10)	142	Each					
7	Patch cords. E2000 to E2000 (APC) connector (clause 6.6.2)	377	Each					
8	Training							
8a	Administrator training (3 persons)	1	Lot					
8b	Training to update databases, add new cables, etc. (8 persons)	1	Lot					
8c	Hardware maintenance training (5 sites, 10 persons each)	1	Lot					
9	Spares		Each					
9a	RTU as per item 4	5	Each					
9b	OTDR unit as per item 5	5	Each					
9c	WDM filters as per item 6	15	Each					
9d	Patch cords as per item 7	50	Each					
10	Annual Support as per clauses 12 to 17	1	Lot					