

Denver Station					
Item	Description	Unit	Qty	Rate	Amount
1	Ticket Office				
1.1	Remedial works to joinery: replacement of 3 x drawers, replacement of handles to match existing .	SUM	1		
1.2	Remedial work to Anti-bandit door: fix or replace door closer	SUM	1		
1.3	Lock-sets to station managers office(1x door)	Item	1		
1.4	Pressure Jetting of existing drainage & replacement of missing manhole covers	SUM	1		
1.5	Remedial works to ablution:replacement of Cistern	Item	1		
1.6	Boundary wall: Repair and installation of Damaged palisade panels to match existing	m	5		
Total carried to summary					
2	<u>Sub-way drainage:</u>				
2.1	Clearing of existing debris/waste including carting away and pumping underground water out of the trench	Sum	1		
2.2	Chop/break the existing reinforced concrete floor slab and cart away spoil	m ³	12		
2.3	Restricted excavation for the perforated pitch fibre sub-soil pipes (300 x 300) as shown in the drawing including compaction to 90% modified AASHTO	m ³	20		
2.4	Lay 100mm dia perforated pitch fibre pipe (sub-soil drainage pipe) including 250 micron impervious membrane (bidum) as shown in the drawing along the entire breadth of the station.rate to include compacting to 90% modified AASHTO and backfilling	m	50		
2.5	19mm crushed stone as shown in the drawing	m ³	20		
2.6	Cast concrete 25 Mpa (300mm x 200mm x 80m)	m ³	4.8		
2.7	Construct wing wall, headwall and apron slab for the eye of the sub-soil discharge point rate to include reinforcement, formwork as show in the drawing 25 mpa concrete	m ³	1.5		
2.8	Cast V-drain channel (500mm wide & 50mm thick)	m ³	3.5		
Total carried to summary					

3	<u>Subway works</u>				
3.1	31.8mm Handrail Steel tubing to ramps	m	150		
3.2	31.8mm Handrail Steel tubing to staircase	m	35		
3.3	High corrosion resistant surface mounted LED luminaire with wireguard	Item	12		
	Total carried to summary				
4	<u>Supply and install fire equipment:</u>				
4.1	9kg Fire hydrant - ticket office building	Item	2		
4.2	fire hose reel 30m - 1 per platform	Item	2		
	Total carried to summary				
5	<u>Platform works</u>				
5.1	Platform buildings: galvanised steel square downpipes 100mm x 75mm	Item	9		
5.2	Platform building: galvanised steel square gutters	m	180		
5.3	New ticket verification shelters and new steel gangways X 3 steel square sections/posts with IBR soft-roof	Item	3		
	Total carried to summary				
6	<u>Platform: New Operational and Corporate signage</u>				
6.1	245x245mm Toilet Male & Female sign	Item	8		
6.2	500x500mm platform numbering signs (double-sided)	Item	6		
6.3	3000x500mm non illuminating sign box, double-sided and pole mounted to platform(see Prasa blueprint)	Item	4		
	Total carried to summary				
7	<u>Platform: 1 x New waiting shelter with brick bench</u>				
7.1	<u>BILL NO.1 : EARTHWORKS</u>				

	<u>SITE CLEARANCE, ETC.</u>				
	<u>Site clearance:</u>				
7.1.1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc.	m ²	86.00		
	<u>EXCAVATIONS</u>				
	<u>Excavation in earth not exceeding 2m deep:</u>				
7.1.2	Trenches	m ³	10.00		
	<u>Extra over trench and hole excavations in earth for excavation in:</u>				
7.1.3	Soft rock.	m ³	1.00		
7.1.4	Hard rock.	m ³	0.50		
	<u>Extra over all excavations for carting away (no allowance made for increase in bulk):</u>				
7.1.5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.	m ³	4.00		
	<u>Risk of collapse of excavations:</u>				
7.1.6	Sides of trench and hole excavations not exceeding 1.5m deep.	m ²	20.00		
	<u>Keeping excavations free of water:</u>				
7.1.7	Keeping excavations free of all water other than subterranean water.	Item	1.00		
	<u>FILLING, ETC.</u>				
	<u>Filling from excavated material compacted to 95% Mod. AASHTO density:</u>				
7.1.8	On trenches etc	m ³	6.00		

	<u>Compaction of surfaces:</u>				
7.1.9	Compaction of ground surfaces under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density.	m ²	40.00		
	<u>TESTS</u>				
	<u>Prescribed density tests on filling:</u>				
7.1.10	Modified AASHTO density test.	No	2.00		
7.2	<u>BILL NO.2 : CONCRETE, FORMWORK AND REINFORCEMENT</u>				
	<u>25Mpa/19mm Concrete:</u>				
7.2.1	Trenches	m ³	3.00		
7.2.2	Ditto, for benches	m ³	2.00		
	<u>TEST CUBES</u>				
7.2.3	Making and testing set of three 150 x 150 x 150mm concrete strength test cubes.	sets	2.00		
	<u>FORMWORK</u>				
	<u>Rough formwork to sides:</u>				
7.2.4	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	20.00		
7.3	<u>BILL NO.3 : MASONRY</u>				
	<u>BRICKWORK</u>				
	<u>Brickwork of NFX plaster bricks (14MPa nominal compressive strength) in Class I mortar :</u>				
7.3.1	One brick walls in foundation	m ²	10.00		
7.3.2	One brickwall in superstructure	m ²	70.00		

	BRICKWORK SUNDRIES				
	Brick reinforcement:				
7.3.3	150mm Wide reinforcement built in horizontally.	m	100.00		
7.4	BILL NO.4 : ROOF COVERING				
7.4.1	0.58mm "Klip Lok 700" Z275 spelter galvanised ribbed sheet steel with "Chromadek" finish on one side in single lengths and accessories, fixed to timber/steel purlins using SL 700 approved clips and fasteners all in accordance with manufacturer's recommendations and specifications. for Waiting Areas	m2	56.00		
7.4.2	Timber rafters for Roof Structure for waiting areas	No	8.00		
7.4.3	Fascia and barge board	m	30.00		
	Rainwater goods				
7.4.4	125mm Half round eaves gutter with beaded front edge including fixing brackets	m	18.00		
	100 x 76mm rainwater pipes	m	12.00		
7.5	BILL NO.5 : PLASTERING				
	EXTERNAL PLASTER				
	<i>Cement plaster wood floated on brickwork/concrete</i>				
7.5.1	On walls	m2	52.00		
7.6	BILL NO.6 : PAINTING				
	PAINT ON PLASTERED WALLS:				
7.6.1	Paint one coat alkali resistant primer undercoat and two coats super acrylic or similar approved materials. Colour as per Prasa Blueprint	m2	40.00		
	Total carried to summary				

	SUMMARY				
1	Ticket Office				
2	Sub-way drainage:				
3	Subway works				
4	Supply and install fire equipment:				
5	Platform works				
6	Platform: New Operational and Corporate signage				
7	Platform: 1 x New waiting shelter with brick bench				
	Subtotal				
8	Preliminaries				
	Subtotal including Preliminaries				
9	Contingencies @ 5%				
	Subtotal including contingencies				
	Vat @15%				
	Total carried to form of offer				