

BILL OF QUANTITIES PROJECT NAME: AS AN WHEN REQUIRED SUPPLY AND DELIVER OF GENERAL BUILDING MATERIAL CONTRACT IN GAUTENG NORTH REGION				YEAR1	YEAR 2	YEAR 3
Item Number	Description	Minimum Threshold for Local Content	Unit	Rate	Rate	Rate
1	General Building Material List					
1.1	Vandal Resistant flat back Urinal with integral fixing brackets and Chromium plated back inlet spreader	NA	Each			
1.2	Urinal spreader with Urinal Flush valve recessed into wall above Urinal bowl	NA	Each			
1.3	Anti- vandal Hibiscus Wash hand basin, with one semi-punched tap holes or similar vanity basins	NA	Each			
1.4	Time metering valve with Bubbler spout to be recessed into wall above WHB	NA	Each			
1.5	Anti-vandal Hibiscus Elite back inlet toilet pans	NA	Each			

1.6	wall recessed Push button flush mechanisms	NA	Each			
1.7	Class 1 Solid Hard Wood Door, two panel 813 mm x 2032 mm	NA	Each			
1.8	Transformer door 915mmx 2135 mm BV heavy duty louvered Steel complete with frame	100% Steel Components	Each			
1.9	Class 3 Anti- Bandit door including a door frame 2095 mm x 930 mm, finished off with a 220mm x 220mm viewing glass panel and a steel plate to cover the entire outside covering	100% Steel Components	Each			
1.10	Lockset 4Lever Galvanised/Chrome	NA	Each			
1.11	Roller Shutter door 4500mmx 3000mm Industrial Chain operated galvanised steel	100% Steel Components	Each			

	<p>sheets / slats, with a profile of 105mm, interlocking sections 0.8mm thickness, complete with a canopy head plate, side guide, bottom rail, chain keep, stops, locking mechanism</p>					
1.12	<p>Window Peg Stay Screw M6x12</p>	<p>100% Steel Components</p>	Each			
1.13	<p>Window Sliding Stay Screw M6X9,5mm</p>	<p>100% Steel Components</p>	Each			
1.14	<p>Window Sliding Stay Screw M6X6,0mm</p>	<p>100% Steel Components</p>	Each			
1.15	<p>Window Sliding Stay 270mm Brass</p>	<p>100% Steel Components</p>	Each			
1.16	<p>Window Handle Screw M8X19mm</p>	<p>100% Steel Components</p>	Each			

1.17	Window Handle Nylon Bushes	NA	Each			
1.18	Window Handle L/H Brass	NA	Each			
1.19	Window Peg Stay 300mm Brass	NA	Each			
1.20	Georgian obscure wired glass	NA	Each			
1.21	Branderling 38x38	NA	/Meter			
1.22	IBR (686mm Covering) Galvanised Roof Sheets with a thickness of 0,80mm	100% Steel Components	/Meter			
1.23	IBR (686mm Covering) Clear Polycarbonate Roof Sheets with a thickness of 0,80mm	NA	/Meter			

1.24	Corrugated (762mm Covering) Galvanised Roof Sheets with a thickness of 0,80mm	100% Steel Components	/Meter			
1.25	Corrugated (762mm Covering) Clear Polycarbonate Roof Sheets with a thickness of 0,80mm	NA	/Meter			
1.26	Steel Galvanised Facia Boards 225mmx 420mm	100% Steel Components	/Meter			
1.27	Aluminium seamless gutters 150mmx 140mm	100% Steel Components	/Meter			
1.28	Aluminium downpipes 100mmx 75mm	100% Steel Components	/Meter			
1.29	Fibre Cement Ceiling 4mm	NA	/M ²			
1.30	Suspended Ceiling Tiles Micro Look 15mm	NA	/M ²			

1.31	Ceiling plasterboards gypsum 6,4mm	NA	/M ²			
1.32	Cornice gypsum 20mm x 76mm	NA	/Meter			
1.33	Wall Tiles 600mm x 300mm Porcelain tiles R11 Colour: POLISHED CREAM	NA	Each			
1.34	Floor Tiles 600mm x 600mm Porcelain tiles R11 Colour: MATT DARK GERY	NA	Each	R	R	R
1.35	Floor Tiles 300mm x 300mm Porcelain tiles R11 Colour: MATT DARK GERY	NA	Each	R	R	R
1.36	Bevel Bond Grey Paver brick 50mm	NA	Each	R	R	R
1.37	Bevel Bond Grey Paver brick 80mm	NA	Each	R	R	R

1.38	Interlocking Grey Paver Brick 60mm	NA	Each	R	R	R
1.39	Interlocking Grey Paver Brick 80mm	NA	Each	R	R	R
1.40	Tapered Kerbs125mmx300mmx90mm	NA	/Meter	R	R	R
1.41	Cement stock Brick 7MPa	NA	Each	R	R	R
1.42	Clay Stock Brick	NA	Each	R	R	R
1.43	Cement 32.5N bag of 50kg	100% CEM II	Each	R	R	R
1.44	Cement 42.5N bag of 50kg	100% CEM I	Each	R	R	R

1.45	River Sand	NA	/M ³	R	R	R
1.46	Plaster Sand	NA	/M ³	R	R	R
1.47	Building Sand	NA	/M ³	R	R	R
1.48	Ceramic Wall and Floor Tile Adhesive	NA	/kg	R	R	R
1.49	Porcelain Wall and Floor Tile Adhesive	NA	/kg	R	R	R
1.50	Tile Grout Waterproof Dove Grey	NA	/kg	R	R	R
1.51	Tile Grout Waterproof White	NA	/kg	R	R	R

1.52	Road Marking Paint Hysheen White	NA	/Litre	R	R	R
1.53	Road Marking Paint Hysheen Black	NA	/Litre	R	R	R
1.54	Road Marking Paint Hysheen Yellow	NA	/Litre	R	R	R
1.55	Road Marking Paint Hysheen Red	NA	/Litre	R	R	R
1.56	Reflective Glass Beads	NA	/kg	R	R	R
1.57	G.I. BARREL NIPPLE 15MM	100% Steel Components	Each	R	R	R
1.58	G.I. SCREW PLUG 15MM	100% Steel Components	Each	R	R	R

1.59	G.I TEE PIECE 15MM	100% Steel Components	Each	R	R	R
1.60	G.I ELBOW 15MM	100% Steel Components	Each	R	R	R
1.61	G.I M/F BEND 15MM	100% Steel Components	Each	R	R	R
1.62	G.I UNION 15MM	100% Steel Components	Each	R	R	R
1.63	G.I BARREL NIPPLE 20MM	100% Steel Components	Each	R	R	R
1.64	G.I SCREW PLUGS 20MM	100% Steel Components	Each	R	R	R
1.65	G.I TEE PIECE 20MM	100% Steel Components	Each	R	R	R

1.66	G.I ELBOW 20MM	100% Steel Components	Each	R	R	R
1.67	G.I M/F BEND 20MM	100% Steel Components	Each	R	R	R
1.68	G.I UNION 20MM	100% Steel Components	Each	R	R	R
1.69	G.I BARREL NIPPLE 25MM	100% Steel Components	Each	R	R	R
1.70	G.I TEE PIECE 25MM	100% Steel Components	Each	R	R	R
1.71	G.I ELBOW 25MM	100% Steel Components	Each	R	R	R
1.72	G.I M/F BEND 25MM	100% Steel Components	Each	R	R	R

1.73	G.I UNION 25MM	100% Steel Components	Each	R	R	R
1.74	G.I REDUCING BUSH 15- 20MM	100% Steel Components	Each	R	R	R
1.75	G.I REDUCING BUSH 20- 25MM	100% Steel Components	Each	R	R	R
1.76	BRASS HOSE TAP WITH CONNECTION 20MM	100% Steel Components	Each	R	R	R
1.77	BRASS HOSE TAP WITH CONNECTION 15MM	100% Steel Components	Each	R	R	R
1.78	C.P BIBCOCK 15MM	100% Steel Components	Each	R	R	R
1.79	C.P BIBCOCK 20MM	100% Steel Components	Each	R	R	R

1.80	C.P PILLAR TAP 15MM	100% Steel Components	Each	R	R	R
1.81	BRASS STOPCOCK 15MM	100% Steel Components	Each	R	R	R
1.82	BRASS STOPCOCK 20MM	100% Steel Components	Each	R	R	R
1.83	COPPER CONNECTION 356MM ;15MM	100% Steel Components	Each	R	R	R
1.84	FLEXI CONNECTOR 15MM X 350MM	100% Steel Components	Each	R	R	R
1.85	G.I SOCKET 15MM	100% Steel Components	Each	R	R	R
1.86	G.I SOCKET 20MM	100% Steel Components	Each	R	R	R

1.87	PIPE POLYCOP 22MM X 6M	100% Plastic Pipes	Each	R	R	R
1.88	PIPE POLYCOP 15MM X 6M	100% Plastic Pipes	Each	R	R	R
1.89	FLEXI "P" TRAP 32 X 40MM	100% Plastic Pipes	Each	R	R	R
1.90	FLEXI "P" TRAP 40 X 40MM	100% Plastic Pipes	Each	R	R	R
1.91	VALVE REG LATCO 100KPA 20MM	70% Valve Products/Actuators	Each	R	R	R
1.92	VALVE RELIEF 100 KPA 20MM	70% Valve Products/Actuators	Each	R	R	R
1.93	VALVE BALL 15MM COMPLETE	70% Valve Products/Actuators	Each	R	R	R

1.94	LOCK NIGHT LATCH 92 X 67	100% Steel products	Each	R	R	R
1.96	WASHER VALVE 32MM	70 % valve Products/Actuators	Each	R	R	R
1.97	WASHER TAP 15MM	70% Valve Products/Actuators	Each	R	R	R
1.98	WASHER TAP 20MM	70% Valve Products/Actuators	Each	R	R	R
1.99	VALVE COMPLETE	70% Valve Products/Actuators	Each	R	R	R
1.100	GATE VALVE 15MM	70% Valve Products/Actuators	Each	R	R	R
1.101	GATE VALVE 20MM	70% Valve Products/Actuators	Each	R	R	R

1.102	G.I JOHNSON COUPLING 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.103	G.I JOHNSON COUPLING 20MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.104	G.I JOHNSON COUPLING 25MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.105	G.I PIPE 15MM /6.00M LONG	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.106	G.I PIPE 20MM /6.00M LONG	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.107	NAILS WIRE 100MM /KG	100% Steel Components	Each	R	R	R
1.108	SCREWS DRYWALL 38 X 8MM	100% Steel Components	Each	R	R	R

1.109	SCREWS DRYWALL 25 X 8MM	100% Steel Components	Each	R	R	R
1.110	STRAIGHT COUPLER F.I X C 3/4 " X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.111	ELBOW 90 C X C 22 X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.112	TEE C X C X C 15 X 15 X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.113	RED. TEE ALL END COPPER BRANCH RED. 22 X 22 X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.114	RED. TEE ALL ENDS C-RUN EQUALLY RED. 15 X 15 X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.115	TEE C X C X C 22 X 22 X 22 MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R

1.116	REDUCING STRAIGHT COUPLER C X C 22MM X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.117	STRAIGHT COUPLER M.I.X C 1/2" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.118	STRAIGHT COUPLER C X C 22MM X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.119	STRAIGHT COUPLER C X C 15MM X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.120	STRAIGHT COUPLER C X F.I. 1/2" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.121	RED. STRAIGHT COUPLER M.I. X C 3/4" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.122	STRAIGHT COUPLER M.I. X C 3/4" X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R

1.123	WALLPLATE ELBOW F.I. X C 1/2" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.124	ELBOW 90 F.I. X C 3/4" X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.125	ELBOW 90 M.I. X C 3/4" X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.126	ELBOW 90 F.I. X C 1/2" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.127	RED. ELBOW C X C 22 X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.128	WALLPLATE 90 F.I. X C 3/4" X 22MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.129	EBOW 90 M.I. X C 1/2" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R

1.130	RED. STRAIGHT COUPLER F.I. X C 3/4" X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.131	BALL'OSTOP CP (STOPCOCK)	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.132	ELBOW 90 C X C 15MM X 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.133	CLAMP CASCADE 15MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.134	CLAMP CASCADE 20MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.135	CLAMP CASCADE 25MM	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.136	SUPA FLUSH SEALING WASHER CWS-14 (DPE)	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R

1.137	STOPCOCK 25MM BRASS	80% Steel conveyance pipes, Pipe fittings	Each	R	R	R
1.138	VALVE GATE 25MM BRASS	70% Valve Products/Actuators	Each	R	R	R
1.140	LOCK SMALL ULTRA SECURITY 120MM X 85MM X 25MM	NA	Each	R	R	R
1.141	ANGELE IRON 25MMX25MMX3MMX6M	100% Steel Components	Each	R	R	R
1.142	ROUND BAR 3.9MM 20EA	100% Steel Components	Each	R	R	R
1.143	SHEETMETAL CHECKERPLATE 4.5MM 20	100% Steel Components	Each	R	R	R
1.144	WEELS FOR GATES NO.80, 10 PAIRS	70% Valve Products/Actuators	Each	R	R	R

1.145	BULLET GATE HINGES 100MM X 30MM WITH BALL AND GREASE NIPPLE	70% Valve Products/Actuators	Each	R	R	R
1.146	PVC Pressure Pipe 50 mm Class 16 per 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.147	PVC Pressure Pipe 63 mm Class 16 per 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.148	PVC Pressure Pipe 90 mm Class 16 per 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.149	PVC Pressure Pipe 110 mm Class 16 per 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.150	PVC Pressure Pipe 160 mm Class 16 per 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.151	PVC Pressure Pipe 50 mm Class 16	100% Plastic Pipes	/Meter	R	R	R

1.152	PVC Pressure Pipe 75 mm Class 16	100% Plastic Pipes	/Meter	R	R	R
1.153	HDPE Pipe 25 mm Black Class 16 Code: HDPE- PE100-0025-160 Per Meter	100% Plastic Pipes	/Meter	R	R	R
1.154	HDPE Pipe 50 mm Black Class 16 Code: HDPE- PE100-0050-160 Per Meter	100% Plastic Pipes	/Meter	R	R	R
1.155	HDPE Pipe 110 mm Black Class 16 Code: HDPE- PE100-0110-160 Per Meter	100% Plastic Pipes	/Meter	R	R	R
1.156	HDPE Pipe 25 mm Black Class 16 Code: HDPE- PE100-0025-160 Per Roll	100% Plastic Pipes	/Meter	R	R	R
1.157	HDPE Pipe 50 mm Black Class 16 Code: HDPE- PE100-0050-160 Per Roll	100% Plastic Pipes	/Meter	R	R	R
1.158	HDPE Pipe 110 mm Black Class 16 Code: HDPE- PE100-0110-160 Per Roll	100% Plastic Pipes	/Meter	R	R	R

1.159	Pipe PVC Sewer SV 110 mm x 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.160	Pipe PVC Sewer UG 110 mm x 6 Mt length	100% Plastic Pipes	/Meter	R	R	R
1.161	Pipe PVC Waste SV 50 mm x 5.5 Mt Length	100% Plastic Pipes	/Meter	R	R	R
1.162	SHOWER HEADS 15MM	100% Steel Components	EACH	R	R	R
1.163	GARDEN TAPS 15MM	100% Plastic Pipes	EACH	R	R	R
1.164	GARDEN TAPS 20MM	100% Plastic Pipes	EACH	R	R	R
1.165	SPIRIT OF SALT PER 5LITRE	N/A	EACH	R	R	R

1.166	PAN SEAL	N/A	EACH	R	R	R
1.167	¾ GALVANISED REDUCERS	100% Steel Components	EACH	R	R	R
1.168	½ GALVANISED REDUCERS	100% Steel Components	EACH	R	R	R
1.169	TOILET SEAT COVER	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.170	PVC GLUE	N/A	EACH	R	R	R
1.171	THREADING TAPE	N/A	EACH	R	R	R
1.172	0,5MM WIRE FLUX SOLDERS	N/A	EACH	R	R	R

1.173	STRAIGHT COUPLE 20MM PLASSON	100% Plastic Pipes	EACH	R	R	R
1.174	STRAIGHT COUPLE 25MM PLASSON	100% Plastic Pipes	EACH	R	R	R
1.175	STRAIGHT COUPLE 32MM PLASSON	100% Plastic Pipes	EACH	R	R	R
1.176	STRAIGHT COUPLE 40MM PLASSON	100% Plastic Pipes	EACH	R	R	R
1.177	STRAIGHT COUPLE 50MM PLASSON	100% Plastic Pipes	EACH	R	R	R
1.178	POP RIVET GUN (COMPLETE WITH RIVETS)	N/A	EACH	R	R	R
1.179	STIL FLO	N/A	EACH	R	R	R

1.180	BOTTOM INLETS	N/A	EACH	R	R	R
1.181	MECHANISM SIDE INLET /SET	100% Plastic Pipes	EACH	R	R	R
1.182	MECHANISM TOP FLUSH/SET	100% Plastic Pipes	EACH	R	R	R
1.183	MECHANISM BOTTOM INLET/SET	100% Plastic Pipes	EACH	R	R	R
1.184	UPVC 50MM BLUE PIPE	100% Plastic Pipes	EACH	R	R	R
1.185	UPVC COUPLING 50MM STRAIGHT COUPLING	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.186	UPVC COUPLING 50MM T JUNCTION COUPLING	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R

1.187	15MM CONEX FITTINGS ELBOW	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.188	15MM CONEX FITTINGS T JUNCTION	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.189	15MM CONEX FITTINGS STRAIGHT COUPLING	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.190	20MM CONEX FITTINGS ELBOW	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.191	20MM CONEX FITTINGS T JUNCTION	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.192	20MM CONEX FITTINGS STRAIGHT COUPLING	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.193	GAS CARTRIDGE BOTTLE	N/A	PER/LIT RE	R	R	R

1.194	PLUMBERS HEMP 200G	N/A	EACH	R	R	R
1.195	15MM CONEX PLUGS	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.196	22MM CONEX PLUGS	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.197	32MM CONEX PLUGS	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.198	32MM COPPER PIPE	100% Steel value added products	PER/METER	R	R	R
1.199	15MM COPPER PIPE	100% Steel value added products	PER/METER	R	R	R
1.200	22MM COPPER PIPE	100% Steel value added products	PER/METER	R	R	R

1.201	15MM POLYCOP PIPE	80% Conveyance pipes	PER/METER	R	R	R
1.202	22MM POLYCOP PIPE	80% Conveyance pipes	PER/METER	R	R	R
1.203	20MM PLASSON PIPE	100% Plastic pipes	PER/METER	R	R	R
1.204	25MM PLASSON PIPE	100% Plastic pipes	PER/METER	R	R	R
1.205	50MM UPVC SOCKET	100% Plastic pipes	EACH	R	R	R
1.206	50MM UPVC T JUNCTION	100% Plastic pipes	EACH	R	R	R
1.207	50MM UPVC ELBOW	100% Plastic pipes	EACH	R	R	R

1.208	50MM UPVC SOCKET	100% Plastic pipes	EACH	R	R	R
1.209	15MM CAPILLARY FITTING ELBOW	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.210	15MM CAPILLARY FITTING T JUNCTION	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.211	15MM CAPILLARY FITTING SOCKET	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.212	22MM CAPILLARY FITTING ELBOW	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.213	22MM CAPILLARY FITTING T JUNCTION	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.214	22MM CAPILLARY FITTING SOCKET	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R

1.215	15MM MALE CONEX ADAPTER	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.216	22MM FEMALE CONEX ADAPTER	80% Steel conveyance pipes, Pipe fittings	EACH	R	R	R
1.217	20MM MALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.218	25MM MALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.219	32MM MALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.220	40MM MALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.221	50MM MALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R

1.222	20MM FEMALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.223	25MM FEMALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.224	32MM FEMALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.225	40MM FEMALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
1.226	50MM FEMALE PVC ADAPTER	100% Plastic pipes	EACH	R	R	R
2	Travel cost	NA	Rate/KM	R	R	R
				YEAR 1	YEAR 2	YEAR 3
				R	R	R
TOTAL EXCLUDING VAT						
15% VAT						
TOTAL INCLUDING VAT						