

CITY OF CAPE TOWN

WATER AND SANITATION: TECHNICAL SERVICES

CONTRACT NO. 005Q/2025/26

TERM TENDER FOR SUPPLY, DELIVERY, INSTALLATION AND MAINTENANCE OF PAVING, HARD SURFACING AND CIVIL PROJECTS FOR THE WATER AND SANITATION DIRECTORATE AND OTHER DIRECTORATES OF THE CITY OF CAPE TOWN

C2.2 Schedules of Rates

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CITY OF CAPE TOWN**WATER AND SANITATION: TECHNICAL SERVICES****CONTRACT NO. 005Q/2025/26****TERM TENDER FOR SUPPLY, DELIVERY, INSTALLATION AND MAINTENANCE OF PAVING AND HARD SURFACING FOR THE WATER AND SANITATION DIRECTORATE AND OTHER DIRECTORATES OF THE CITY OF CAPE TOWN****SCHEDULES OF RATES**

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
	SCHEDULE NO. 1: PRELIMINARIES/SPECIALIST ITEMS Unless otherwise stated, all items in this bill will be allocated to work group 190 CPAP: The base month is the calendar month during which tenders closed		
	The Model Preambles for Trades 2008 as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained		
	This works project package value is defined as the total value of building work, including mechanical and electrical installations, but excluding contract price adjustment for inflation and preliminaries and general.		
1	LABOUR CHARGES Supply the following labour force based on normal hours labour rates for labour only works		
1.1.	Labour only rate: General Worker (Labourer)	Hr	
1.2.	Labour only rate: Semi-skilled Worker (Not Qualified Artisan)	Hr	
1.3.	Labour only rate: Site foreman (General Supervisor)	Hr	
1.4.	Labour only rate: Driver (Code B)	Hr	
1.5.	Labour only rate: Driver (Code C1)	Hr	
1.6.	Labour only rate: Driver (Code EC1)	Hr	
1.7.	Labour only rate: Light Machinery Plant Operators	Hr	
1.8.	Labour only rate: Heavy Machinery Plant Operators	Hr	
1.9.	Labour only rate: Artisan engineering Electrical/Mechanical/HVAC etc	Hr	
1.10.	Labour only rate: Artisan construction/Bricklayer/Plumber/Carpenter etc	Hr	

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
	Supply the following labour force based on all after hours labour rates (includes weekends and public holidays) for labour only works		
1.11.	Labour only rate: General Worker (Labourer)	Hr	
1.12.	Labour only rate: Semi-skilled Worker (Not Qualified Artisan)	Hr	
1.13.	Labour only rate: Site foreman (General Supervisor)	Hr	
1.14.	Labour only rate: Driver (Code B)	Hr	
1.15.	Labour only rate: Driver (Code C1)	Hr	
1.16.	Labour only rate: Driver (Code EC1)	Hr	
1.17.	Labour only rate: Light Machinery Plant Operators	Hr	
1.18.	Labour only rate: Heavy Machinery Plant Operators	Hr	
1.19.	Labour only rate: Artisan engineering Electricall/Mechanical/HVAC etc	Hr	
1.20.	Labour only rate: Artisan construction/Bricklayer/Plumber/Carpenter etc	Hr	
	Community Liaison Officer(CLO)		
1.21.	As and when required the Contractor will employ a Community Liaison Officer on a temporary basis for the entire duration of the project from the date of signing the agreement to the date of practical completion	Per day	
	NRS040 Responsible Person's Certificate		
1.22	Provision of a responsible person with valid NRS 040 Certificate as 3.4.2.3 in C3.4 Construction.	Per day	
	Provision of site security including transport to and from site		
1.23	Provide PSiRA security staff as 3.4.3.5 in C3.4 Construction (shift day)	Per hr	
1.24	Provide PSiRA site security staff as 3.4.3.5 in C3.4 Construction (shift night)	Per hr	
1.25	Provide PSiRA armed site security staff as 3.4.3.5 in C3.4 Construction with minimum Grade C Certificate (shift day)	Per hr	
1.26	Provide PSiRA armed site security staff as 3.4.3.5 in C3.4 Construction with minimum Grade C Certificate (shift night)	Per hr	
1.27	Provide PSiRA armed site security staff as 3.4.3.5 in C3.4 Construction with minimum Grade C Certificate (shift day) stationed onsite with vehicle	Per hr	
1.28	Provide PSiRA armed site security staff as 3.4.3.5 in C3.4 Construction with minimum Grade C Certificate (shift night) stationed onsite with vehicle	Per hr	
	Site establishment		
1.29	Contractor's site office 3.4.2.14 as in C3.4 Construction	Per day	
1.30	Ablutions and latrines provision as 3.4.2.28 as in C3.4 Construction	Per day	

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
1.31	Establish site water supply	Sum	
1.32	Establish site electricity supply	Sum	
1.33	Establish site safety and signage	Sum	
	Safety, Health and Environmental compliance(SHE)		
1.34	Provision of comprehensive site specific SHE file in compliance with OHS Act and relevant Construction Regulations	Item	
	Appointment of approved Asbestos Inspection Authority (AIA)		
1.35	To inspect and oversee the handling of asbestos-containing waste to prepare for disposal at official landfill dump site in line with environmental legislation	Sum	
1.36	To inspect and oversee the transport & disposal of asbestos-containing waste to official landfill dump site in line with environmental legislation. Proof of disposal certificates for audit purposes	Sum	
	Location, detection and protection of underground services and infrastructure		
1.37	Provision of a electromagnetic cable/pipe detector such as "SALD UT9000" or equivalent specification to accompany wayleave and for locating underground cables, pipes, services etc	Per day	
	Liaison with Service Authorities		
1.38	Application for wayleave - City of Cape Town Electricity	Sum	
1.49	Application for wayleave - City of Cape Town Water & Sanitation	Sum	
1.40	Application for wayleave - Eskom Electricity	Sum	
1.41	Application for wayleave – City of Cape Town Roads & Infrastructure Management	Sum	
1.42	Application for wayleave - Telkom	Sum	
1.43	Application for wayleave – Western Cape Department of Transport & Public Works(Roads)	Sum	
	Road safety		
1.44	Accommodation of vehicular traffic and pedestrians during all construction work including at least 20 soft PVC orange reflective traffic cones 750mm in height and 3 flag persons	Per day	
	Plant and Equipment		
1.45	Digger loader with a minimum operational weight of 7-8 ton and minimum operating load rating of 2 ton as well as having 4 wheel drive	Per day	
1.46	Skid Steer loader with a minimum operational weight of 2 ton and minimum operating load rating of 500kg	Per day	
1.47	Sit on roller with minimum 1.5 ton capacity	Per day	
1.48	Vehicle with carrying capacity of up to 1 ton	Per day	

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
1.59	Vehicle with carrying capacity of up to 4 ton	Per day	
1.50	Vehicle with carrying capacity of up to 10 ton	Per day	
1.51	Forklift 2.5 ton	Per day	
1.52	Generator with a minimum capacity of 30 kVA	Per day	
1.53	Generator with a minimum capacity of 60 kVA	Per day	
1.54	Compressor with a minimum capacity of 14 bar	Per day	

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
	SCHEDULE NO. 2		
	Unless otherwise stated, all items in this bill will be allocated to the relevant CPAP work groups 104/110/114/116/118/154/171: The base month is the calendar month during which tenders closed		
	ALL REGIONS – NORTH/SOUTH/EAST		
	Earthworks/Site Preparation		
2.1	Clear away debris, undergrowth, small trees, shrubs, dirt, rubble etc with an average depth of 200mm (removal and dumping priced elsewhere)	m ²	
2.2	Demolish, remove from site and dispose of existing asphalt road surfacing at a dump site of the Contractor's choice	m ³	
2.3	Demolish, remove from site and dispose of existing concrete surfacing at a dump site of the Contractor's choice	m ³	
2.4	Demolish, remove from site and dispose of existing kerbs at a dump site of the Contractor's choice	m ³	
2.5	Excavate and remove soil/rubble to a dump site of the Contractor's choice as 3.4.2.26 in C3.4 Construction	m ³	
2.6	Application of weed killer as C3.4.2.20 in C3.4 Construction	m ²	
2.7	Road bed preparation and compaction of insitu material to 93% Mod AASHTO (100% for sand) to a depth of 300mm	m ²	
2.8	Supply clean coarse river sand filling	m ³	
2.9	Collection, loading & transport of rubble to official landfill dump site	m ³	
2.10	Collection, loading, transport and disposing of hazardous asbestos material to official landfill dump site by an approved and registered Asbestos Removal Contractor in compliance with asbestos regulations and OHS Act. Proof of disposal certificates for audit purposes	m ³	
2.11	Careful hand excavation in confined spaces and high risk areas: in soft ground	m ³	
2.12	Careful hand excavation in confined spaces and high risk areas: in hard ground	m ³	

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Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
2.13	Dewatering of excavations	Per day	
	Subbase		
	Construct G5 quality subbase layer with natural gravel from commercial sources and compact to 95% Mod AASHTO for following layer thicknesses:		
2.14	100mm compacted thickness	m ²	
2.15	150mm compacted thickness	m ²	
	Basecourse		
	Construct G4 quality subbase layer with natural gravel from commercial sources and compact to 98% Mod AASHTO for following layer thicknesses:		
2.16	100mm compacted thickness	m ²	
2.17	150mm compacted thickness	m ²	
2.18	Extra over for cement stabilizing of base course	Per ton	
	Prime Coat		
2.19	Supply and apply prime coat using MC30 cuTBCck bitumen at application rate of 0.6 litres/m ²	m ²	
	Asphalt Surfacing		
2.20	30mm compacted thickness	m ²	
2.21	50mm compacted thickness	m ²	
2.22	Cutting of Asphalt surface	m	
	Hard Surfacing		
2.23	Supply and laying of 250 Micron black PVC Underlay	m ²	
2.24	Apply 19mm Brown stone	m ³	
2.25	Apply 19mm Grey stone	m ³	
	Retaining Walls/Gabions		
2.26	Supply and install as per manufacturers specification SABS approved retaining wall blocks "smooth face" in line with Construction Regulations standards. including all excavations, foundations, backfilling and compaction	m ²	
2.27	Supply and install as per manufacturers specification SABS approved retaining wall blocks "rock face" including all excavations, foundations, backfilling and compaction in line with Construction Regulations standards	m ²	
2.28	Supply and install as per manufactures specification 400 x 400 x 100 mm grass block paver 30 MPa	m ²	

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Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
2.29	Geotextile non-woven fabric underlay "Bidim" or equivalent with minimum mass rating of 340g/sqm (SANS 9864) and thickness of 3.1mm under 2kPa (SANS 9863)	m ²	
2.30	Allow for precast steps to retaining walls in line with SANS 2001 – CC1	m	
2.31	Supply and install gabion walls consisting of galvanised wire for cage and filling with suitable stone	m ³	
	Segmented Paving		
	Construct herringbone pattern layout segmented paving area complete, including all cuttings to fit edge restraints, 25mm sand bedding layer, graded jointing sand and roll to locked-up state for following paver unit types:		
2.32	80 mm Grey concrete interlocking pavers	m ²	
2.33	60 mm Grey concrete interlocking pavers	m ²	
2.34	Extra over concrete interlocking paving for different colour- 80mm	m ²	
2.35	Extra over concrete interlocking paving for different colour- 60mm	m ²	
2.36	70 mm Rustic Blend clay pavers	m ²	
2.37	50 mm Rustic Blend clay pavers	m ²	
2.38	70 mm Autumn Blend clay pavers	m ²	
2.39	50 mm Autumn Blend clay pavers	m ²	
2.40	Extra over clay paving for different colour- 50mm items 2.37 and/or 2.39	m ²	
2.41	Extra over clay paving for different colour- 70mm items 2.36 and/or 2.38	m ²	
2.42	60 mm Charcoal cobble pavers	m ²	
2.43	80 mm Charcoal cobble pavers	m ²	
2.44	Extra over cobble paving for different colour – 60mm	m ²	
2.45	Extra over cobble paving for different colour – 80mm	m ²	
2.46	450 mm x 450 mm x 50 mm Grey paving slabs	m ²	
2.47	600 mm x 600 mm x 50 mm Grey paving slabs	m ²	
2.48	Repair 100 mm thick concrete surface beds (25Mpa/19mm)	m ²	
2.49	Repair 150 mm thick concrete surface beds (25Mpa/19mm)	m ²	
2.50	Lift existing paving and stockpile for re-use. Clean pavers and relay on a sand screed. Allow for all cuttings and shortfall of pavers, roll and grout	m ²	
	Kerbing and Channelling		
	Supply and construct precast concrete kerbing and channelling, including all preparation, concrete bedding etc as per standard details:		
2.51	BK2 Barrier kerb (1000 mm length)	m	

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
2.52	Extra over Barrier kerb for short lengths	m	
2.53	C1 Channel (1000 mm length)	m	
2.54	Extra over Channel for short lengths	m	
2.55	CK5 Combination kerb (1000 mm length)	m	
2.56	Extra over Combination kerb for short lengths	m	
2.57	E1 Edging (1000 mm length)	m	
2.58	E3 Edging (1000 mm length)	m	
2.59	MK10 Mountable kerb, (1000 mm length)	m	
2.60	Extra over Mountable kerb for short lengths	m	
2.61	W1 Rainwater channel (1000 mm length)	m	
	Stormwater and Pipe Work		
2.62	Excavate by hand to expose existing services etc	m ³	
2.63	50 mm PVC pipe	m	
2.64	50 mm PVC bend	ea	
2.65	110mm dia Class 12 uPVC medium pressure water pipe	m	
2.66	160mm dia Class 12 uPVC medium pressure water pipe	m	
2.67	200mm dia Class 12 uPVC medium pressure water pipe	m	
2.68	300mm dia Class 100D concrete pipe.	m	
2.69	375mm dia Class 100D concrete pipe.	m	
2.70	450mm dia Class 100D concrete pipe.	m	
2.71	600mm dia Class 100D concrete pipe.	m	
2.72	750mm dia Class 100D concrete pipe.	m	
2.73	1000mm dia Class 100D concrete pipe.	m	
2.74	Excavate, lay pipe, bed and backfill in trenches, not exceeding 1000 mm deep (pipe elsewhere measured).	m ³	
2.75	Excavate, lay pipe, bed and backfill in trenches, exceeding 1000 mm deep, not exceeding 2000m deep (pipe elsewhere measured).	m ³	
2.76	Excavate, lay pipe, bed and backfill in trenches, exceeding 2000 mm deep, not exceeding 3000m deep (pipe elsewhere measured).	m ³	

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Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
2.77	Excavate, lay pipe, bed and backfill in trenches, exceeding 3000 mm deep, not exceeding 4000m deep (pipe elsewhere measured).	m ³	
2.78	Construct 230mm Wall of NFX (14MPa) in class 2 mortar in stretcher bond or equivalent not exceeding 1.5m high, above ground	m ²	
2.79	Construct 230mm Wall of NFX (14MPa) in class 2 mortar in stretcher bond or equivalent not exceeding 1.5m deep, below ground	m ²	
2.80	Make provision for concrete 15Mpa/19mm stone in strip footings, bases etc	m ³	
2.81	Make provision for concrete 30Mpa/19mm Stone in strip footings, bases etc	m ³	
2.82	High tensile steel reinforcement to structural concrete work, bars in various diameters	ton	
2.83	Make provision for shoring exceeding 1000 mm deep, not exceeding 2000m deep	m ²	
2.84	Make provision for shoring exceeding 2000 mm deep, not exceeding 3000m deep	m ²	
2.85	Make provision for shoring exceeding 3000 mm deep, not exceeding 4000m deep	m ²	
	Manhole covers/frames and grids		
2.86	Supply and fit 450 x 450 mm light duty ductile galvanized steel square dish grid and frame.	ea	
2.87	Supply and fit "Fibretek" or equivalent 25mm fibreglass grating in line with manufacturer's specifications	m ²	
2.88	Supply and fit "Fibretek" or equivalent 38mm fibreglass grating in line with manufacturer's specifications	m ²	
2.89	300mm x 300mm 14A LD polymer cover and frame	ea	
2.90	350mm x 350mm MD polymer cover and frame	ea	
2.91	440mm x 440mm 14B LD polymer cover and frame	ea	
2.92	600mm diameter 2A polymer manhole cover and frame.	ea	
2.93	670mm x 520mm MD polymer cover and frame	ea	
2.94	610mm diameter MD polymer cover and frame	ea	
2.95	910mm x 910mm 10A LD polymer cover and frame	ea	
2.96	265mm x 265mm 14A LD cast iron cover and frame "St Gobain" or equivalent	ea	
2.97	265mm x 265mm 14A LD cast iron cover only "St Gobain" or equivalent	ea	
2.98	450mm x 600mm 8A MD cast iron cover and frame "St Gobain" or equivalent	ea	
2.99	450mm x 600mm 8A MD cast iron cover only "St Gobain" or equivalent	ea	
2.100	450mm x 600mm CCP HD cast iron cover and frame "St Gobain" or equivalent	ea	
2.101	450mm x 600mm CCP HD cast iron cover only "St Gobain" or equivalent	ea	

Item No.	Description	Unit	Total Price: Supply and Install (Excl. VAT) R
2.102	600mm x 600mm 9B MD cast iron cover and frame "St Gobain" or equivalent	ea	
2.103	Supply and fit 600mm x 450mm medium duty ductile galvanized steel square dish grid and frame	ea	
2.104	Supply and fit 760mm x 600mm mm heavy duty ductile galvanized steel square dish grid and frame	ea	
2.105	600mm x 600mm 9B MD cast iron cover only "St Gobain" or equivalent	ea	
2.106	900mm x 900mm MD cast iron cover and frame "St Gobain" or equivalent	ea	
2.107	900mm x 900mm MD cast iron cover only "St Gobain" or equivalent	ea	
2.108	550mm diameter 2A HD cast iron cover and frame "St Gobain" or equivalent	ea	
2.109	550mm diameter 2A HD cast iron cover only "St Gobain" or equivalent	ea	
2.110	550mm diameter 4 MD cast iron cover and frame "St Gobain" or equivalent for pavement	ea	
2.111	550mm diameter 4 MD cast iron cover only "St Gobain" or equivalent for pavement	ea	
2.112	650mm diameter 1A HD cast iron cover and frame "St Gobain" or equivalent for road	ea	
2.113	650mm diameter 1A HD cast iron cover only "St Gobain" or equivalent for road	ea	
2.114	560mm x 730mm HD cast iron catch pit grating and frame	ea	
2.115	560mm x 730mm HD 8 ton polymer gully grating and frame	ea	
	Line marking and signage (eg. Parking Bays)		
	All signage and road markings to be in compliance with Road Traffic Management Act legislation and specification		
2.116	Cutting out of paving to receive different colour paving brick (elsewhere measured) for demarcation of parking bay.	m	
2.117	Set out and paint road lines 100mm wide for road and parking bay markings	m	
2.118	Set out and paint "STOP" sign road markings	ea	
2.119	Supply and install 600mm x 600mm x 1.2mm octagon Chromadek metal "STOP" sign with 20mm white border mounted on 50mm galvanized pole compliant with Road Traffic Signs Manual including unreinforced concrete base and necessary excavation, paint finish, etc.	ea	
2.120	Supply and install custom made 600mm x 600mm x 1.2mm round or square Chromadek metal information signs such as "Speed Limit", "No Parking", "No Entry" etc mounted on 50mm galvanized pole compliant with Road Traffic Signs Manual including unreinforced concrete base and necessary excavation, paint finish, etc.	ea	
	Grass roll on lawn and reinstatement		
2.121	Supply and install roll on "Buffalo" grass lawn including fertile soil bed, compost topsoil, lime and fertilizing agent	m ²	
2.122	Supply and install roll on "Kikuyu" grass lawn including fertile soil bed, compost topsoil, lime and fertilizing agent	m ²	