

DBN26/02/01: DEPARTMENT OF JUSTICE: VULAMEHLO
MAGISTRATE COURT: REPAIRS & RENOVATIONS OF OFFICE
BUILDING: COMPLETION CONTRACT

VOLUME 2 (H): RETURNABLE DOCUMENTS

Item No		Quantity	Rate	Amount R
	<u>SECTION NO 3</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO 3</u>			
	<u>ROADS AND PAVING</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles refer to "Standard Preambles to all trades - WB20 - 1986"			
	<u>SABS specifications</u>			
	1200 A : 1986 : General			
	1200 C : 1980 : Site Clearance			
	1200 D : 1990 : Eartworks			
	1200DM : 1981 : Eartworks (Road subgrade)			
	1200GA : 1982 : Concrete (Small works)			
	1200M : 1981 : Roads (General)			
	1200ME : 1981 : Sub-base			
	1200MF : 1981 : Base			
	1200MH : 1981 : Asphakt Base and Surfacing			
	1200MM : 1983 : Ancillary Roadworks			
	1200MK : 1984 : Kerbing and channeling			
	1200MJ : 1984 : Segmented paving			
	<u>EARTHWORKS</u>			
	<u>(WORKGROUP NO. 104)</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
256	Reduce levels to form platform under parking areas etc and depositing excavated material over site including haulage not exceeding 500m from perimeter of excavations	m ³	856	
	<u>Keeping excavations free of water</u>			
257	Keeping excavations free of all water other than subterranean water	Item		
	<u>Carried to Collection</u>			
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	ROADS, PAVING, ETC			

	<u>Extra over all excavations for carting away</u>			
258	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	856	
<u>Compaction of surfaces:</u>				
259	Compaction of ground surface under pavings, roads, 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	90	
260	Compaction of ground surface under pavings, roads, etc. including scarifying for a depth of 200mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ²	2 856	
<u>Base course constructed of filling supplied by the Contractor</u>				
261	Over site of G2 base course material in accordance with SABS 1200 DM compacted to 102% Mod AASHTO density	m ³	466	
262	Over site of G5 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density	m ³	472	
263	Over site of G7 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density	m ³	428	
<u>Bituminous premix road surfacing continuously graded medium grade asphalt (nominal bituminous binder content 5%)</u>				
264	30mm Thick to parking areas, roadways, etc	m ²	2 856	
265	MC30 Cutback bitumen prime (application rate 0,7l per m ²)	m ²	2 856	
<u>PRECAST CONCRETE</u>				
<u>(WORKGROUP NO. 112)</u>				
<u>Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing</u>				
266	Kerb (SABS 927 fig 6) 125 x 230mm high with 300 x 100 x 100mm thick concrete fillet at back of kerb at each joint and 300 x 75mm thick foundation including excavation, backfilling, etc (LI)	m	580	
<u>Carried to Collection</u>				
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<u>PAVINGS</u>			
<u>(WORKGROUP NO. 154)</u>			
Paving is to be laid in accordance with SABS 1200MJ, SABS 1058 and the Concrete Masonry Association's specifications			
<u>Corobrik "Constantia" 200 x 98 x 60mm thick paving bricks with butt joints on 25mm thick sand bed with dry filler sand swept into joints laid on subgrade (elsewhere measured) including levelling with mechanical vibrating plate compactor</u>			
267	Paving to sidewalks and pathways to falls	m ²	200
<u>220 x 97 x 80mm Grey coloured "Technicrete Double Zig-Zag" interlocking block paving on 25mm thick sand bed with dry filler sand swept into joints laid on subgrade (elsewhere measured) including levelling with mechanical vibrating plate compactor</u>			
268	Paving to sidewalks and pathways to falls	m ²	90
<u>"Hyvar X" Weedkiller mixed with water and applied at a rate of 100grams/m</u>			
269	Under paving etc	m ²	3 052
<u>PAINTING</u>			
<u>(WORKGROUP NO. 152)</u>			
<u>Prepare and paint one coat colour reflective road marking paint on paving or tarmac</u>			
270	100mm Wide white line	m	200
271	Disabled parking bay sign as per Architects site plan drawing number 25460	No	3
<u>WALKWAYS AROUND SEPTIC TANK</u>			
<u>(WORKGROUP NO. 104)</u>			
<u>Site clearance</u>			
272	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m ²	30
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273	Stripping average 150mm thick layer of top soil and stockpiling on site <u>Open face excavation in earth over sloping site</u>	m ²	30		
274	Open face excavation <u>Back excavation of vertical sides of excavation in earth for working space including backfilling compacted to 95% Mod AASHTO density</u>	m ³	15		
275	Not exceeding 500mm deep for placing and removing formwork to walls etc against excavated face <u>Risk of collapse of excavations</u>	m ²	15		
276	Sides of trench and hole excavations not exceeding 1,5m deep <u>Keeping excavations free of water</u>	m ²	15		
277	Keeping excavations free of all water other than subterranean water <u>Earth filling supplied by the contractor under pavings etc</u>	Item			
278	Over site of G5 material in accordance with SABS 1200 DM compacted to 96% Mod AASHTO density <u>Coarse river sand filling supplied by the contractor</u>	m ³	5		
279	Under floors etc <u>Compaction of surfaces</u>	m ³	1		
280	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density <u>Weedkiller mixed in the proportions and applied in accordance with the manufacturers' instructions</u>	m ²	30		
281	Under paving etc <u>(WORKGROUP NO. 110)</u>	m ²	30		
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	<u>25MPa/19mm Reinforced concrete cast against existing surfaces</u>			
282	Surface beds cast in panels on waterproofing	m ³	5	
	<u>Finishing top surfaces of concrete to an evenly ribbed non-slip surface</u>			
283	Surface beds, slabs, etc to falls	m ²	30	
	(WORKGROUP NO 111)			
	<u>Sawn formwork to sides</u>			
284	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	30	
	<u>Expansion joints with bitumen impregnated softboard between vertical surfaces</u>			
285	10mm Joints not exceeding 300mm high	m	40	
	(WORK GROUP 114)			
	<u>Mild and High tensile steel reinforcement to structural concrete work</u>			
286	Various diameter bars	t	0.03	
	<u>Fabric reinforcement</u>			
287	Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²	30	
	(WORK GROUP 120)			
	<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
288	Under surface beds	m ²	30	
	<u>Two part polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>			
289	10 x 10mm In expansion joints in floors	m	40	
	THE FOLLOWING TO PARAPLEGIC RAMP AT PUBLIC ENTRANCE			
	(WORK GROUP 104)			
		Carried to Collection		
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ROADS, PAVING, ETC

	<u>Mild and High tensile steel reinforcement to structural concrete work</u>			
299	Various diameter bars	t	0.10	
<u>(WORK GROUP 116)</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class 1 mortar</u>			
300	One brick walls	m^2	2	
<u>Brickwork reinforcement</u>				
301	150mm Wide reinforcement built in horizontally	m	16	
	<u>"Corobrik" Maize Travertine FBX light brown 106mm wide face bricks pointed with recessed horizontal and vertical joints</u>			
302	Extra over brickwork for face brickwork	m^2	2	
303	Extra over face bricks for brick-on-edge header course	m	5	
<u>(WORK GROUP 120)</u>				
	<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
304	Under surface beds	m^2	3	
<u>(WORK GROUP 136)</u>				
	<u>Hot dipped galvanized balustrading to walkways and stairs</u>			
305	Balustrading to walkway 0,6 x 1m high of 40mm diameter hollow continuous top rail, 40mm diameter continuos bottom rail and 40mm diameter stanchions at each end, each with 150 x 150 x 10mm flat section base plate four times holed for and including M12 galvanised rawl bolts bolted to concrete or brickwork	No	2	
306	Balustrading to raking walkway 1 x 1m high of 40mm diameter hollow continuous top rail, 40mm diameter continuos bottom rail and 40mm diameter stanchions at each end, each with 150 x 150 x 10mm flat section base plate four times holed for and including M12 galvanised rawl bolts bolted to concrete or brickwork	No	2	
<u>(WORK GROUP 152)</u>				
Carried to Collection				
Bill No. 3 ROADS, PAVING, ETC				

	<u>Prepare surfaces and remove all loose material and paint one coat "Dulux" cleaner for galvanized iron, one coat "Dulux" primer for galvanized iron, one coat "Dulux" universal undercoat and two coats "Dulux" gloss enamel paint on</u>			
307	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m ²	6	
308	<u>Prepare and paint one coat colour reflective road marking paint on paving or tarmac</u> Disabled parking bay sign as per Architects site plan drawing number 25460	No	1	R

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ROADS, PAVING, ETC

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<u>EXTERNAL WORKS (PROVISIONAL)</u>				
<u>BILL NO 4</u>				
<u>FENCING</u>				
For Preambles see "PW371 - Specification of Materials and Methods to be used"				
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<u>(WORK GROUP 136)</u>				
<u>Fencing and Gates all as detailed on Engineer's drawing No. C5604/01 annexed to these Bills of Quantities/ accompanying these Bills of Quantities for tender purposes.</u>				
309	Fencing 2.4m high	m	49	
310	100 x 100mm End post including one 75 x 75mm bracing stay, concrete bases, etc	No	4	
311	100 x 100mm Straining or corner post including two 75 x 75mm bracing stays, concrete bases, etc	No	3	
312	100mm Diameter intermediate posts including concrete bases, etc	No	14	
313	Gate post including one bracing stay, concrete bases, hinges, etc.	No	3	
314	Gate post including one bracing stay, concrete bases, lock, etc.	No	1	
315	Single pedestrian gate 1200 x 2400mm high	No	1	
316	Double vehicular gate size 3100 x 2400mm high	No	1	
317	Provide 300 x 300 x 150mm deep concrete block complete with two hollow steel sleeves cast in centre for barrel bolts including excavation, formwork, etc.	No	1	
<u>(WORK GROUP 112)</u>				
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<p><u>"Cochrane ClearVu" or equally approved invisible mesh pre-galvanised fence panels of 4mm thick wire with aperture size at 76.2mm x 12.7mm, reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands, 2 x 75mm x 70degree flanges along sides (anti vandal internal fixtures, allowing for flush post and panel finish 48 line wire secure connection) and 2 x 30degree flanges along top and toe including 2800mm high hot dipped galvanised taper locking posts at 3300mm centers with 300 x 300 x 600mm high reinforced concrete bases including 100mm high Castle Spike running on top of fence and 600mm bitumen coated ClearVu underdig 600mm into ground. All steel items finished with marine fusion bond coating and bolting, fixing, etc in strict accordance to manufacturers specification - Colour : Black</u></p> <p><u>Fence Height: 2100mm</u></p> <p><u>Spike topping or equally approved installed over fencing, complete.</u></p>			
318	Fence 2.1m high above ground level over flat or sloping terrain	m	400
319	<u>"Cochrane ClearVu" or equally approved invisible mesh pre-galvanised steel gates</u>	No	1
<p>(WORK GROUP 104)</p> <p><u>Sundries</u></p>			
320	Allow for digging and removing all rubbish, rubble, debris, vegetation, shrubs, roots, bushes, etc., as well as excavations to reduce levels as necessary to erect fencing with bottom wire not exceeding 50 mm above ground	m	449
<p>Carried to Collection</p>			
<p>Bill No. 4 FENCING AND GATES</p>			

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	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO 5</u>			
	<u>YARD WALLS AND RETAINING WALLS</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>INTERLOCKING PLANTER UNITS</u>			
	<u>(WORK GROUP 104)</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
321	Trenches	m ³	49	
	<u>Risk of collapse of excavations</u>			
322	Sides of trench and hole excavations not exceeding 1,5m deep	m ²	117	
	<u>Keeping excavations free of water</u>			
323	Keeping excavations free of water	Item		
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 95% Mod AASHTO density</u>			
324	Backfilling to trenches, holes, etc	m ³	11	
	<u>Earth filling supplied by the contractor</u>			
325	Backfilling behind retaining walls, etc. of G5 material in accordance with SABS 1200DM compacted to 96% Mod AASHTO density	m ³	40	
	<u>Extra over all excavations for carting away</u>			
326	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	38	
	<u>Carried to Collection</u>			
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	YARD WALLS AND RETAINING WALLS			
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	<u>Soil insecticide</u>			
327	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	275	
	<u>(WORK GROUP 110)</u>			
	<u>25MPa/19mm concrete</u>			
328	Strip footings	m ³	20	
	<u>(WORK GROUP 104)</u>			
	<u>"Loffelstein" precast concrete interlocking planter units</u>			
329	Retaining walls with stepped faces and curves as required to suit slopes, of 500 x 450 x 170mm high type L300 interlocking units laid with horizontal bed joints to 60 degree slope, including backfilling not exceeding 500mm wide with earth obtained from the excavations and filling units with topsoil lightly tamped as the work proceeds	m ²	40	
330	Retaining walls with stepped faces and curves as required to suit slopes, of 500 x 450 x 170mm high type L500 interlocking units laid with horizontal bed joints to 60 degree slope, including backfilling not exceeding 500mm wide with earth obtained from the excavations and filling units with topsoil lightly tamped as the work proceeds	m ²	94	
	<u>Bidum / Kaytech U24 filter blanket with 150mm laps</u>			
331	Netlon flownet or other approved behind retaining walls wrapped in and including U24 Bidum / Kaytech filter blanket	m ²	134	
	<u>(WORK GROUP 148)</u>			
	<u>"Cordrain" slotted uPVC flexible pipes</u>			
332	150mm Pipes laid in stone encasing (encasing elsewhere)	m	122	
	<u>Extra over "Cordrain" slotted uPVC flexible pipes for uPVC fittings</u>			
333	110mm End cap	No	16	
334	110mm Bend	No	2	
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	YARD WALLS AND RETAINING WALLS			

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YARD WALLS AND RETAINING WALLS

	<u>Non-woven continuous filament needle punch polyester filter fabric blanket</u>			
335	Around stone filling in sub-soil drain trenches	m ²	98	
	<u>Stone filling of 19mm broken stone</u>			
336	In sub-soil drain trenches around pipes	m ³	3	
	<u>(WORK GROUP 104)</u>			
	<u>GABIONS</u>			
	Gabions is to be laid in accordance with SABS 1200DK: 1995 (Double twist hexagonal wire mesh to SABS 1580:2005)			
	<u>Gabions of mesh type 80 with 2,7mm Class A Galvanised wire and selected handstone dumprock gabion stone</u>			
337	Surface preparation for bedding of gabions	m ²	23	
338	Installation of gabion units including unfolding, placing , filling, lacing and bracing complete, size 15m x 0,5m wide x 2,0m high	m ³	15	
339	Installation of gabion units including unfolding, placing , filling, lacing and bracing complete, size 15m x 1,0m wide x 3,0m high	m ³	45	
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YARD WALLS AND RETAINING WALLS				

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YARD WALLS AND RETAINING WALLS

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SECTION SUMMARY - External Works (Provisional)

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SECTION 4

BILL 1: DISTRIBUTION, SMALL POWER AND LIGHTENING PROTECTION INSTALLATIONS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
200.00	MANUALS, AS-BUILT DRAWINGS, TRAINING AND RECORDING					
	.01 Obtaining of all available information for updating, compiling and finalising the existing seven sets of Operating and Maintenance Manuals including as-built drawings as specified and handing over to the Engineer	Item	1			
	.02 Compiling as-built drawing set and handing over to the Engineer Each set is to include Lighting layout, Small Power layout and Single-line diagram schematic layout	Set	7			
	.03 Development of a syllabus for Training of Operators:					
	.04 .01 Low Voltage Electrical & Electronic Equipment	Item	1			
	.04 Presenting a Training Course for Operators:					
	.05 .01 Low Voltage Electrical & Electronic Equipment	Item	1			
	.05 Presenting a training course for maintenance personnel:					
	.06 .01 Low Voltage Electrical & Electronic Equipment	Item	1			
201.00	REPLACE/SERVICE/REPAIR LOW VOLTAGE DISTRIBUTION SWITCHBOARDS					
	The supply and installation of low voltage distribution switchboards in accordance with distribution specifications and schematic drawings. The rate includes all mounting and installation accessories, as well as termination of all cables in the distribution board.					
	.01 Main DB, surface mount , 3 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.02 DB1, surface mount , 3 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.03 DB2, surface mount , 4 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.04 DB3, surface mount , 3 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.05 DB4, surface mount , 3 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.06 DB5, surface mount , 1 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.07 DB6, surface mount , 1 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.08 DB7, surface mount , 1 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.09 DB8, surface mount , 1 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.10 DB9, surface mount , 1 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.11 DB10, surface mount , 1 compartment, switchboard as specified ,Refer to Drawing Number: EE10443/5	No.	1			
	.12 Issuing of COCs in compliance to SANS and OHS Act for all the installed and serviced distribution boards	Item	1			
	.13 Service distribution boards, 48 way and greater in compliance with SANS and applicable regulations	No.	5			
	.14 Service distribution boards, less than 48 way in compliance with SANS and applicable regulations	No.	6			
	.15 Decommissioning & Dismantling of existing distribution boards and accessories	No.	11			
						CARRIED FORWARD

SECTION 4

BILL 1: DISTRIBUTION, SMALL POWER AND LIGHTENING PROTECTION INSTALLATIONS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	BROUGHT FORWARD
202.00	PROTECTION-Lightining, Surge, Earthing and bonding Supply and installation of protection devices and systems in accordance with standards and regulations. The rate includes all mounting and installation accessories to make installation good .01 Combination Class 1, 25/100kA (10/350) and Class 2 surge arrester for 3-phase and Neutral with replaceable modules and remote signaling contacts. .02 Combination Class 1, 25/100kA (10/350) and Class 2 surge arrester for 1-phase and Neutral with replaceable modules and remote signaling contacts. .03 Supply and installation of earthing for the above distribution boards .04 Supply and installation of complete lightining protection system for building according to standards using Ferraday cage .05 Earthing and bonding of water pipes, gutters, roof, geysers, etc .06 Testing of the entire earthing installation by a specialist .07 Supply and install Padlocks for DBs The contractor to submit soil resistivity certificates and final test Certificates of Compliance. Provide an earth resistance test before the commencement of earthing works to ascertain the extent of work required. Provide an earth resistance test after earthing works have been completed to ascertain if resistance levels have been achieved.	No.	6			
203.00	Temporary Works .01 Relocation, Detection and Protection of existing systems .01 Relocation of equipment: .01 Networking equipment and all accessories .02 Electrical equipment and all accessories .03 Electronic equipment and all accessories .02 Detection and Protection of existing services .01 Networking equipment and all accessories .02 Electrical equipment and all accessories .03 Electronic equipment and all accessories	Item	1			
204.00	POWER FACTOR CORRECTION .01 Supply and install complete power factor correction equipment for 75kVA loading with 10% spare capacity, with 100A TP MCB in the main DB. .02 50mm ² x 4-core, Cu, cable + 25mm ² earth	No.	1			
205.00	SMALL POWER Supply and installation of power points, data points, plug points, telephone points, cabling, trunking, cable trays, utility power poles, pedestals, conduits and accessories in walls and voids to make installation cood in compliance with SANS and national standards and specifications. Trunking, and associated components to be installed by SAPS ISM approved installer .01 Replace Power Sockets .01 16A,white, normal single switched socket outlet wall mounted .02 16A,white, normal double switched socket outlet wall mounted	m	25			
						CARRIED FORWARD

SECTION 4

BILL 1: DISTRIBUTION, SMALL POWER AND LIGHTENING PROTECTION INSTALLATIONS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	BROUGHT FORWARD
	.03 16A,white, normal single switched socket outlet on trunking, including punched plates to match trunking	No.	205			
	.04 16A,red, normal single switched socket outlet on trunking, including punched plates to match trunking	No.	100			
	.05 16A,blue, normal single switched socket outlet on trunking, including punched plates to match trunking	No.	60			
	.06 1x16A Euro/slimline socket outlet(SANS 164-2) on Power Skirting. on p/skirting and wall-mounted. Blue/white/red	No.	200			
	.07 Floor Pedestal Units complete with 2 x emergency, 2 x normal, 2xRJ45, 2xRJ11 sockets	No.	30			
	.08 Utility power pole, 3m,57mm dia, 4 compartment complete with 2 x emergency, 2 x normal, 2xRJ45, 2xRJ11 sockets	No.	20			
206.00	WIRE WAYS					
	.01 Power skirting, 3 compartment, 3 cover steel powder coated punched to accommodate above sockets, telephone and data points	m	1200			
	.02 Trunking, single compartment, powder coated	m	200			
	.03 3 Compartment trunking elbow/T-junctions	No.	220			
	.04 1 Compartment trunking elbow/T-junctions	No.	35			
	.05 P2000 c/w cover	m	400			
	.06 P8000 c/w cover	m	250			
	.07 P9000 c/w cover	m	500			
	.08 P2000 cover only	m	30			
	.09 P8000 cover only	m	60			
	.10 YT 5 PVC ducting	m	50			
207.00	Supply and Install Pratley Boxes:					
	.01 83mm diameter - back entry	No.	40			
	.02 83mm diameter - double entry	No.	40			
	.03 67mm diameter - 3 way	No.	35			
208.00	Supply and Install Drawboxes:					
	.01 60mm round, 1-, 2-, 3- or 4-way entry	No.	200			
	.02 50 x 100 x 50mm deep galvanised steel	No.	300			
	.03 100 x 100 x 50mm deep galvanised steel	No.	200			
	Supply and Install Drawbox Cover Plates:					
	.01 60 mm Round	No.	200			
	.02 50 x 100 mm	No.	300			
	.03 100 x 100 mm	No.	200			
209.00	Replace Power Cables					
	Supply and install 600V/1000V, PVC/SWA/PVC/Cu cable on cable trays, in trenches, conduits, voids and in cable sleeves					
	.01 185 mm ² 4 core + 95mm ² BCEW	m	50			
	.02 150 mm ² 4 core + 95mm ² BCEW	m	100			
	.03 70 mm ² 4 core + 35mm ² BCEW	m	80			
	.04 50 mm ² 4 core + 25mm ² BCEW	m	50			
				CARRIED FORWARD		

SECTION 4

BILL 1: DISTRIBUTION, SMALL POWER AND LIGHTENING PROTECTION INSTALLATIONS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT
ELECTRICAL ENGINEERING SERVICES

TENDER NUMBER:

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
				BROUGHT FORWARD		
	.05 35 mm ² 4 core + 25mm ² BCEW	m	300			
	.06 25 mm ² 4 core + 25mm ² BCEW	m	60			
	.07 16 mm ² 4 core + 25mm ² BCEW	m	80			
	.08 10 mm ² 4 core + 25mm ² BCEW	m	250			
	.09 6 mm ² 4 core + 25mm ² BCEW	m	200			
	.10 4 mm ² 4 core + 25mm ² BCEW	m	130			
	.11 2.5mm ² 4 core + 25mm ² BCEW	m	100			
	.12 35 mm ² 3 core + 25mm ² BCEW	m	60			
	.13 25 mm ² 3 core + 25mm ² BCEW	m	20			
	.14 16 mm ² 3 core + 25mm ² BCEW	m	40			
	.15 10 mm ² 3 core + 25mm ² BCEW	m	30			
	.16 6 mm ² 3 core + 25mm ² BCEW	m	30			
	.17 4 mm ² 3 core + 25mm ² BCEW	m	20			
	.18 2.5mm ² 3 core + 25mm ² BCEW	m	50			
	.19 10 mm ² 1 core	m	200			
	.20 6 mm ² 1 core	m	200			
	.21 4 mm ² 1 core	m	200			
	.22 2.5mm ² 1 core	m	15000			
	.23 1.5mm ² 1 core	m	2000			
210.00	Replace Bare Copper earth conductor Bare stranded copper earth conductor strapped to above cable					
	.01 95mm ²	m	100			
	.02 70mm ²	m	100			
	.03 50mm ²	m	100			
	.04 16mm ²	m	200			
	.05 10mm ²	m	300			
	.06 6mm ²	m	400			
	.07 4mm ²	m	300			
	.08 2.5mm ²	m	2000			
211.00	Cable terminations Make off above earth conductor, including lugs, glands, rubber gromets, connections and accessories as necessary					
	.01 185 mm ²	No.	20			
	.02 150 mm ²	No.	20			
	.03 120 mm ²	No.	20			
	.04 95 mm ²	No.	20			
	.05 70 mm ²	No.	20			
	.06 50 mm ²	No.	20			
	.07 35 mm ²	No.	20			
				CARRIED FORWARD		

SECTION 4

BILL 1: DISTRIBUTION, SMALL POWER AND LIGHTENING PROTECTION INSTALLATIONS

		UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES					
TENDER NUMBER:		ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
					BROUGHT FORWARD		
			.08 25 mm ²	No.	20		
			.09 16 mm ²	No.	20		
			.10 10 mm ²	No.	20		
212.00	Replace circuit breakers-supply and installation		.01 10-30A, 5 kA, single pole	No.	30		
			.02 30-60A, 5 kA, single pole	No.	25		
			.03 60-100A, 5 kA single pole	No.	15		
			.04 10-30A, 5 kA triple pole	No.	20		
			.05 30-60A, 5 kA triple pole	No.	20		
			.06 60-100A, 5 kA triple pole	No.	10		
			.07 100-150A, 15 kA triple pole	No.	5		
			.08 150-200A, 15 kA triple pole	No.	5		
			.09 200-250A, 15 kA triple pole	No.	2		
			.10 250-300A, 15 kA triple pole	No.	2		
			.11 500A, 25 kA triple pole	No.	1		
213.00	Supply and installation, in DBs and for various equipment		.01 10-30A, 5 kA, single pole	No.	20		
			.02 30-60A, 5 kA, single pole	No.	20		
			.03 60-100A, 5 kA single pole	No.	20		
			.04 10-30A, 5 kA triple pole	No.	15		
			.05 30-60A, 5 kA triple pole	No.	20		
			.06 60-100A, 5 kA triple pole	No.	15		
			.07 100-150A, 15 kA triple pole	No.	10		
			.08 150-200A, 15 kA triple pole	No.	5		
			.09 200-250A, 15 kA triple pole	No.	5		
			.10 250-300A, 15 kA triple pole	No.	3		
			.11 500A, 25 kA triple pole	No.	1		
214.00	CABLE MARKERS AND SLEEVE PIPES		Supply and install HDPE Cable Flex Sleeves in ground on road crossings and when entering buildings				
			.01 110mm diameter	m	70		
			.02 160mm diameter	m	50		
			.03 PVC warning/danger tape	m	200		
			.04 MV/LV cable route markers	No.	30		
215.00	.01	Accessories and spares					
			.01 28W T5 fluorescent lamp	No.	20		
			.02 18W CFL bulkhead lamp	No.	20		
			.03 26W CFL flood light lamp	No.	20		
					CARRIED FORWARD		

SECTION 4

BILL 1: DISTRIBUTION, SMALL POWER AND LIGHTENING PROTECTION INSTALLATIONS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT
ELECTRICAL ENGINEERING SERVICES

TENDER NUMBER:

ITEM	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
				BROUGHT FORWARD		
216.00	.04 8W emergency exit light	No.	10			
	.05 28/35/50/80W CFL bollard lamps	No.	10			
	.06 Electronic ballast for 28W to 80W Fluorescent lamp	No.	10			
	.07 2-way Surface mount waterproof isolator box din mount	No.	60			
	.08 Junction boxes for 25mm galvanised	No.	120			
	.09 Junction boxes for 25mm PVC conduit	No.	100			
	.10 PL9W Compact Fluorescent Lamp	No.	20			
	.10 18/26/36 W Tubular Fluorescent Lamp	No.	20			
	.11 58/65/75 W Tubular Fluorescent Lamp	No.	20			
	.12 Starters for Fluorescent Lamps	No.	20			
	.13 High Intensity Discharge Lamp Ballast - 250/400 W MHI	No.	10			
	TESTING AND COMMISSIONING					
	.01 Testing of MV cable including pressure tests according to relevant SANS standard and issuing of relevant test certificates	Item	1			
217.00	.02 Mini Sub MV installation issuing of COC	Item	1			
	.03 Testing of LV installation of modified existing building and issuing a COC	Item	1			
	.04 Removal and disposal of all disused and decommissioned electrical, electronic and networking items	Item	1			
	Additional Tests					
.01	Additional tests required by Engineer					
	.01 Main distribution board load tests over a period of seven days. Report to include Voltage, Current, Power, Power factor profiles	Item	1			
CARRIED FORWARD TO SECTION SUMMARY						

SECTION 4

BILL 2: LIGHTING

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATES COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
300.00	Conduit Supply and install PVC conduit built into brick or in ceiling void between trunking and conduit boxes complete with couplings and bends; GMS basal to be used for exposed installations					
.01	20mm dia PVC including all fitting and fixings	m	3000			
.02	20mm dia GMB basal including all fitting for exposed installations	m	1500			
.03	25mm dia PVC including all fitting and fixings	m	500			
.04	25mm dia GMB basal including all fitting for exposed installations	m	500			
301.00	Conduit boxes Supply and install galvanised boxes for conduit complete with locknuts/bushes built into brick or cast into concrete					
.01	50mm round for 20mm dia conduit	No	100			
.02	100 x 50 mm for 20mm dia conduit	No	90			
.03	100 x 100 mm for 20mm dia conduit	No	50			
302.00	Metal trunking p8300 with cut out for socket outlets Metal trunking suspended in ceiling void complete with PVC cover					
.01	P8300 straight length	m	300			
.02	P8300 T- piece	No	25			
.03	P8300 bend	No	25			
.04	P2000 complete with Tpieces and bends as required by route	m	300			
303.00	Accessories Supply and install accessories in conduit boxes as follows complete with covers					
.01	16A Single lever one-way switch,flush	No	45			
.02	16A Two-lever one-way switch,flush	No	10			
.03	16A Single lever two-way switch,flush	No	22			
.04	10A, 250V, one-way, industrial steel, weather-proof rotary switch type	No	14			
.05	10A, 250V, 1 lever 1 way, 100x50, surface	No	12			
.06	10A, 250V, 1 lever 2 way, 100x50, surface	No	8			
.07	Microwave occupancy detector,30x6m range, 250VAC, 10A adjustable timing (>25min)	No	5			
.08	PIR passive infra red plus ultrasonic dual presence sensor switching device for luminaire control; adjustable timer, dual relay and line voltage application.	No	15			
.09	20A Photo-electric daylight-sensative switch complete as specified with	No	8			
.10	Timer switch, 250VAc, 10A, digital, backup battery	No	8			
.11	4 Pole contactor, 400V, 20A, auxiliary contacts, mechanical interlock	No	12			
.12	dimmer switch, 250VAC, 800W, rotary, 100x50	No	8			
.13	5Amp unswitched socket outlet mounted in trunking	No	150			
.14	5Amp unswitched socket outlet mounted in 100x100box	No	100			
CARRIED FORWARD						

SECTION 4

BILL 2: LIGHTING

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATES COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	BROUGHT FORWARD
304.00	Conductors Supply and install PVC insulated conductors as follows: .01 2.5mm sq in conduit or trunking .02 2.5mm sq insulated earth wire in conduit or trunking	m	10000 5000			
305.00	Luminaries Supply luminaries inclusive of electrical contractors profit inclusive of all components. .01 3 x 35W (or 28W) T5 recessed fluorescent luminaire complete with specifications and the relevant SANS standards. The specified 25mm conduit shall be chased into brickwork or laid in concrete or ceiling voids as appropriate. All light fittings to be supplied with 3m cable & 5A plugtop. .02 3 x 35W (or 28W) T5 recessed fluorescent luminaire complete with mounting accessories, lamps and telescopic holders, 230V, HF, electronic ballast, IP65, white, 1200x600, emergency luminaire, 8hr runtime, automatic function .03 3 x 35W (or 28W) T5 recessed fluorescent luminaire complete with mounting accessories, lamps and telescopic holders, 230V, HF, electronic ballast, IP65, white, 600x600 .04 3 x 35W (or 28W) T5 recessed fluorescent luminaire complete with mounting accessories, lamps and telescopic holders, 230V, HF, electronic ballast, IP65, white, 600x600, emergency luminaire, 8hr runtime, automatic function .05 2x28W T5 open channel fluorescent luminaire complete with mounting accessories, lamps and telescopic holders, 230V, HF, electronic ballast, IP65, white .06 2 x 18W CFL bulkhead complete with mounting accessories and lamps, indoor, 230V, powder coating .07 2 x 18W CFL bulkhead complete with mounting accessories and lamps, indoor, 230V, powder coating, decorative, dimmable .08 20W LED downlight with diffuser, natural white, recessed, decorative, dimmable .09 3W emergency exit light, 3hr battery backup time, 90lm, auto switching, charger included, complete with accessories, maintained emergency exit sign .10 60W Backlit LED 600X1200mm Panel Light 4000K, 6000lm (Poiled or similar) .11 40W Backlit LED 600X600 Panel Light 4000K, 4000lm (Poiled or similar)	No	82 10 25 64 10 28 13 10 18 15 10			
306.00	External light fittings .01 2 x 26W CFL luminaire complete with mounting accessories and lamps, outdoor, 230V, powder coating .02 Bollards, 50/80W CFL, IP66, 1000mm, flat/dome trim to match existing, complete with lamps, fitting accessories .03 2 x 26W CFL flood light luminaire complete with mounting accessories and lamps, outdoor, 230V, powder coating, IP66, post top .04 2 x 26W CFL flood light luminaire complete with mounting accessories and lamps, 230V, powder coating, post top, night light, backup battery .05 Fibre Glass Post 76mm Diameter Buried with access door 4m. Poles to come with all accessories. Light fitting to be mounted at 3,5m.	No No No No Item	10 10 10 10 20			
CARRIED FORWARD TO SECTION SUMMARY						

SECTION 4

BILL 3: BACKUP SYSTEMS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATES COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
400.00	EMERGENCY STANDBY GENERATOR ENGINE					
.01	Supply, Deliver, install and commissioning of standby generator complete in canopy as specified for the following sizes: The Engine shall be a Diesel Fuelled, cold starting liquid cooled, compression ignition, direct injection industrial type as complying with SANS 8528. The cooling system shall be thermostatically controlled entirely self-contained and shall consist of a radiator, fan and Circulation pump as per DPWI specification. The following from part of genset: Water jacket heater, fuel level indicator, fire fuse link shut off system, drip tray, battery charger, battery charger amp meter, canopy lights, fuel filling pump, Anti vibration mounts. 150 kVA prime rating, 3 Phase Outdoor Genset with 3CR12 Container. Complete with a self-bunded base tank. Supply & Install	No	1			
401.00	3CR12 CHANGE OVER PANEL WITH CONTROLLER					
.01	The control shall contain the engine, alternator management and protection system, as well as the control logistics for the remote changeover switchgear. These functions shall be controlled by a micro-processor-based programmable control and it shall be equipped with an optional GSM cellphone-type modem as per DPWI specifications (modem with sim card), c/w adjustable CB, motorized c/p & bypass switch Supply & Install	No	1			
402.00	LUBRICATION, OIL AND DIESEL					
.01	Supply and fill up to 100% all required lubrications to run generator including diesel. Base Tank shall be a 800L capacity	item	800			
403.00	EXHAUST SILENCER - Sound Attenuated					
.01	Design supply and install the stainless steel exhaust silencer for the mentioned generator, including lagging: Supply & Install	No	1			
404.00	STRUCTURAL - TYPICAL GENERATOR BASE					
.01	Contractor to appoint specialist to design a complete concrete plinth for the installation of the above mentioned 150kVA outdoor generator set. Prepare ground surface and cast concrete plinth complete with ducting, drain pipe and earthing pits, capable for holding a 150kVA diesel generator, including all formwork, labour and materials in accordance with the specification & a structural engineers certificate.	item	1			
.02	Install a concrete plinth with a bund wall for the fuel tank, 110% capacity of the base tank. Use bricks in the construction of the wall.	Item	1			
.03	Bunded wall and floor must be fibre glass & fibre lined.	item	1			
.04	Supply and install a 50mm Galvanized open/close valve on the bund wall.	unit	1			
405.00	WARNING NOTICES					
.01	Supply and Install warning notices on the container as specified. Set of Warning Notices as per SANS and OHS specifications.	Item	1			
406.00	DOCUMENTATION					
.01	Compilation of Maintenance, operational and technical Manuals to the client satisfaction. Supply manuals	sum	1			
407.00	SITE TESTING, COMMISSIONING & DOCUMENTATION					
.01	Test and Commission to deliver a fully operational generating set to the client and engineers satisfaction: At the suppliers premises, prior to delivery to site On site after completion of the installation	Item	1			
408.00	1 YEAR MAINTENANCE					
.01	12 Month maintenance as per the specification. Quarterly (4) service of the plant as per the manufacturer's requirements	Item	4			
						CARRIED FORWARD

SECTION 4

BILL 3: BACKUP SYSTEMS

UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATES COURT ELECTRICAL ENGINEERING SERVICES						
TENDER NUMBER:						
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	BROUGHT FORWARD
409.00	PADLOCKS .01 Supply and install A82 padlocks.	Item	5			
410.00	CONSTRUCTION DRAWINGS .01 Contractor to provide printed A1/A0 of all drawings received from the Engineer for construction	No	4			
411.00	MUNICIPALITY/ESKOM SWITCHING FEES .01 Contractor to allow for the disconnection and connection fees.	Item	1			
412.00	TRAINING .01 Training of officials in the use of the generator	Item	1			
413.00	CERTIFICATE OF COMPLIANCE .01 Contractor to provide complete CoC for the entire installation in accordance to SANS and OHS Regulations	item	1			
414.00	GENERAL .01 Contractor to trace underground cables, circuits and other services before any digging and installations at this facility	Item	1			
	.02 Isolate and remove cabling, circuits,existing DB etc. during installations.	Item	1			
	.03 110mm Diam. Sleeve to be installed in plinth for electrical cable and connection	m	10			
	.04 Concrete surface around the plinth 150mm with re-inforcements and mesh. Re-surface with crusher stone(100mm) and compact before applying concrete	m ²	25			
	.05 Supply and install fully hot dipped galvanized diamond mesh fencing 3.15mm thick and a height of 2.7m with 4mm straining wire at a 400mm spacing around the generator installation. Install concrete beam at the bottom and use as fixtures for the wire.	m ²	20			
	.06 Fully Hot Dipped Galvanized Poles Dia 100	No	8			
	.07 Fully hot dipped galvanized gate with locking mechanism and a pad lock(50mm tubed gate)	Unit	1			
	.08 Razor Wore coiled Dia. 600 above the fencing with fixtures	m ²	20			
	.09 Concrete of Surfaces to match existing	m ²	15			
	.10 Retarring of roardway and surfaces to match existing	m ²	15			
	.11 Undercoat & Painting of the internal wall surfaces to match the existing	m ²	5			
	.12 Connect water system with a tap next to the generator. Supply to be taken from the nearest water point at the facility. Allow for copper pipe, fittings, holder battons, and a garden hose.	Item	1			
415.00	UNINTERRUPTIBLE POWER SUPLY (UPS) Supply, installation,testing and commissioning of double conversion 15kVA UPS, 400/230 Volts, 50 Hz, N+1 redundancy, complete with Lithium ion batteries, rack mount, 45 minutes minimum runtime at full load, IP Network card, network management software & licence, complete with all accessories to make good.	Item	1			
416.00	Additional tests required by Engineer .01 Main UPS distribution board load tests over a period of seven days. Report to include Voltage, Current, Power, Power factor profiles	Item	2			
	.02 Main Generator distribution board load tests over a period of seven days. Report to include Voltage, Current, Power, Power factor profiles	Item	2			
417.00	Operation and Maintenance Manuals .01 Obtain all available information, compile, reproduce and finalise 7 (Seven) sets	Sum	1			
418.00	Operator Training, 1.5 Hours	Sum	1			
CARRIED FORWARD TO SECTION SUMMARY						

SECTION 4

BILL 4: SECURITY SYSTEMS

 <p>Department of Public Works and Infrastructure REPUBLIC OF SOUTH AFRICA</p> <p>UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES</p>						
TENDER NUMBER:						
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
500.00	<p>Supply and install the following access control equipment, complete with accessories. Morpho Access Control-based system or equal approved high security and quality system.</p> <p>.01 Biometric dual facial Recognition and embedded RFID reader including all terminations, brackets and fixing materials</p> <p>.01 Biometric reader and magna lock set power supplies including all terminations, brackets and fixing materials</p> <p>.03 Recessed low security magnetic door position switch</p> <p>.04 No Touch Exit Button Door Release</p> <p>.05 Resettable Green break glass over-ride unit</p> <p>.06 CAT6 - multi-strand cable</p> <p>.07 CAT 6/RJ45 connectors</p> <p>.08 24 input system controller(POE). Complete with accessories.</p> <p>.09 Stainless steel Rainshield for the biometric readers, powder-coated</p> <p>.10 Heavy Duty Magnetic Door Contacts for all monitored doors</p> <p>.11 Enrolment station complete with all accessories including Registration ID camera, Take on fingerprint scanner for registration . The controllers to be positioned inside the security room desk. integrated to front end PC.</p> <p>.12 master station/s at the Workstation with all terminations, mounting plates, breackets and fixing material.</p> <p>.13 intercom door station with 2mp camera weather proof with rain shield module for coastal areas, fixed.</p> <p>.14 intercom door station with 2mp camera weather proof without rain shield module for coastal areas, fixed.</p> <p>.15 Opening the doors or gates remotely, interface intercom master station with access control ontrol panel or door controllers. Allow for all required equipment and wiring per controlled entry point to remotely unlock the maginetic lock.</p>	No m No No No No No No No No Item item No No Item	14 14 14 7 7 1500 100 14 6 6 2 1 4 8 1			
501.00	<p>Turnstiles</p> <p>.01 Refurbish existing full height 4-arm turnstiles</p> <p>.02 Supply, Install, and Commission Full full-height four-arm, bi-directional turnstile, a high-security turnstile with a biometric reader and intercom station in compliance with the Specification, including Reader Brackets, Control module, power supplies, and potential-free status & Control I/O, and any accessories required to make the installation complete. (Hot Dipped Galvanised and Powder Coated)</p>	No No	1 2			
502.00	<p>IP Based Door Controllers</p> <p>.01 Supply and install IP Based Door Controllers</p> <p>.02 Supply and install a turnstile bypass gate 900mm Opening with a magnetic lock and door position switch</p> <p>.03 Communication cable 8 core x 1mm² Mylar cable for Panic buttons & Door position switches.</p> <p>.04 Complete system testing and commissioning</p>	No No m Sum	14 3 400 1			
CARRIED FORWARD						

SECTION 4

BILL 4: SECURITY SYSTEMS

 <p>Department of Public Works and Infrastructure REPUBLIC OF SOUTH AFRICA</p>		UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES			
TENDER NUMBER:					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD					
503.00	Boom Gates with Spike Barriers .01 Supply, Install and Commission a 4,5m long security boom gate and spike barrier set in compliance with specification, including reader gooseneck, control module, power supplies and potential free status and control I/O, traffic light control system and any accessories required to make the installation complete.	No	1		
504.00	Supply and install the following vehicle access equipment : Centurion Gate heavy-duty motors (1000kg), complete with a fixed control point interfaced with access control, remotes and any other required accessories for installation . Fitted with IronMan Anti-Theft Bracket. Interface with access control for remote opening. (two for the vehicle the rolling gate and two for the roll up garage door) Impedance loops. IR beams for gate and boom safety controls.	Item	2		
505.00	Enrolment Station .01 Supply, install and commission enrolment station PC complete with software and any accessories to make installation complete in compliance with the specification.	No	1		
506.00	Access Control Management .01 Supply, install and commission Access Control Management Server including all accessories to make the installation complete.	No	1		
507.00	Miscellaneous .01 Supply, install & Commission magnetic locks (300 kg) including all accessories to make the installation complete.	No	14		
508.00	X-Ray Machine .01 Supply, install, testing and commissioning of X-Ray machine complete with inlet, outlet tables and colour screen.	No.	1		
509.00	Walk Through Metal Detector .01 Supply, installation, testing and commissioning of walk through metal detector. 33+ zones	No.	1		
510.00	Intruder Alarm System .01 64 Zone control panel .02 Keypads linked to main control panel. .03 Microwave, Infared Passives, complete with Mounting equipment .04 2-Core fire resistant PH30 cable .05 Ancillary items required for completion	No. No. No. m Sum	1 6 100 1 500 1		
511.00	Wall-Top Energized Fence .01 Supply, installation, testing and commissioning of 8 Joule energiser, 10 zone, power supply, backup battery, alarmed and fully powered, gate status alarm, comms cards, zone keypad, mounting brackets including all accessories to make the installation complete. .02 Supply, installation, testing and commissioning of wall top energised fence, 600mm vertical height, alarmed and fully powered, comms cables, mounting brackets, mountings including all accessories to make the installation complete. (Include mounting and accessories for 1 x 5m gates and 1 x 2.5m gate)	Sum m	1 250		
CARRIED FORWARD					

SECTION 4

BILL 4: SECURITY SYSTEMS

 <p>Department: Public Works and Infrastructure REPUBLIC OF SOUTH AFRICA</p>		UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES				
TENDER NUMBER:						
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
		BROUGHT FORWARD				
512.00	Panic System					
	.01 Supply, installation, testing and commissioning of Panic System, 20 zone, power supply, backup battery, alarmed and fully powered, comms cards, zone keypad, mounting brackets including all accessories to make the installation complete.	Sum	1			
	.02 Supply, installation, testing and commissioning of panic buttons, mounting brackets including all accessories to make the installation complete.	No.	15			
	.03 Supply and installation 1.5mm ² , 2 core cable, including all accessories to make the installation complete.	m	1 000			
513.00	Operation and Maintenance Manuals					
	.01 Obtain all available information, compile, reproduce and finalise 7 (Seven) sets	Sum	1			
514.00	Operator Training, 2 Hours					
515.00	CCTV AND DIGITAL RECORDING SYSTEM					
	.01 Camera type 1 - IP Dome camera (IP, outdoor, vandal proof, auto varifocal lens 2,7 to 13,5mm), Fixed Iris, 4MP high resolution, remote focus & zoom, range up to 30m or better. fitted with brackets for wall and ceiling mounting, and other accessories.	No.	60			
	.02 CAMERA TYPE 2: IP Bullet camera wall mounted (IP, outdoor, vandal proof, auto varifocal lens 2,7 to 12mm), Auto Iris, 4MP high resolution, remote focus & zoom, range up to 40m. fitted with brackets for wall and ceiling mounting, other accessories	No.	15			
	.03 Supply and Install play back workstation, complete software and all accessories to make installation complete.	No.	1			
	.04 Supply, Install and Commission Network Video Recorders (NVRs) complete with 19" Rack Mount SATA Raid Unit(s), CCTV image bulk storage archive (tape or disc), removable storage and retrieval system, with capacity for three months of continuous operation (96TB G-RAID) for the operating system and integration with the CCTV software. incl Dual Power Supplies, Software, Network Management Port, etc. Consider bandwidth when selecting the NVRs.	No.	1			
	.05 Supply & Install NVMS Video License, including SDK, of Enterprise Edition NVMS video licenses per NVR server, in compliance with the specification & Camera Count	No.	1			
	.05 Camera type 3 - Dome camera PTZ (IP, outdoor, vandal proof, varifocal lens 4,9 to 156mm,360 degree rotation) 4MP high resolution Night vision, bi-spectral remote focus & zoom, IP67 150m PTZ channels. Motion max. video resolution. fitted with brackets for wall mounting, and other accessories	No.	5			
	.06 Supply and install PTZ post - concrete pole for 6 m above ground level, mounting height, suitably fitted for mounting of the specified PTZ cameras, external housing with buried base, gland plate, 1 x 5 Amp MCB and lightning protection with door cover. Full provision for 3 phase cable to be looped through on connector blocks, and all accessories to make installation complete.	No.	5			
	.07. 24 Port Gigabit Smart POE Switch, 24x Gigabit PoE Ports and 2x Gigabit Fiber Optical Ports, 6 KV Surge Protection for PoE Ports.	No.	1			
CARRIED FORWARD						

SECTION 4

BILL 4: SECURITY SYSTEMS


**UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT
ELECTRICAL ENGINEERING SERVICES**

TENDER NUMBER:

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD					
.08	48 Port Gigabit PoE Switch, 2x Gigabit RJ45, 2x Fibre Optical Ports, 6 KV Surge Protection for PoE Ports.	No.	1		
.09	Supply and install 48 port patch panel, including RJ45 & Fibre patch leads for 48 port POE switch above	No.	1		
.09	Supply and install RJ45 patch leads for switch above	No	48		
.10	Supply and install fibre pigtailed/patch leads for POE switch above	No	10		
.11	Supply & Install 43U x 1000mm, 19" rack complete with power & cooling	No	1		
.12	Supply and install Cat 6 UTP Cable	m	3 000		
.13	Professional USB Joystick Including shuttle playback per NVR server	No.	1		
.14	Armoured Heavy Duty Fibre Optic Cable 2 core 9/125µm Single Mode	m	1 500		
.15	fiber termination box for the changeover from heavy-duty fibre cable to patch fibre cable to connect to the media converter, complete with fibre terminations and all other accessories.	No.	10		
.16	Power supply compatible with media converter/PoE switch requirements.	No.	10		
.17	fibre/Media converter 4-poe port with 2 SFP Ports (Gigabit)	No.	5		
.18	New steel control cabinet with rust resistance, complete with all the accessories and trunking for mounting circuit breakers, converter, power supply, etc.	No.	10		
.19	5m long x HDMI Cable 4k complete with connectors as required	No.	5		
.20	8m Long x RS 485 cable complete with connectors as required	No.	10		
.21	SFP Single mode modules	No.	20		
.22	LAN Switch - 5 Port 10/100/1000Mbps Gigabit switch with 1 SFP Port	No.	1		
.23	Supply and Install Large Video Wall sever, software, licenses and all accessories to make installation complete.	No.	1		
516.00	Operation and Maintenance Manuals				
.01	Obtain all available information, compile, reproduce and finalise 7 (Seven) sets	Sum	1		
517.00	Operator Training, 2 hours				
518.00	PUBLIC ADDRESS / EMERGENCY EVACUATION SYSTEM				
.01	Supply and installation of Public Address / Emergency Evacuation System including equipment paging console, rack, amplifier, tuner, CD player, pre-recorder message player, emergency voice logging, fault monitoring panel, 200 W power amplifier, volume control switch, 8 channel mixer, desktop microphone and receptacle outlet, and all accessories required to make installation complete, including testing and commissioning	Item	1		
.02	Indoor and outdoor speakers including all necessary housing, mounting				
	.01 High ceiling mounted 10W speaker	No.	24		
CARRIED FORWARD					

SECTION 4

BILL 4: SECURITY SYSTEMS

 <p>public works ministry Department: Public Works and Infrastructure REPUBLIC OF SOUTH AFRICA</p>		UPGRADE OF ELECTRICAL INSTALLATIONS AT VULAMEHLO MAGISTRATE COURT ELECTRICAL ENGINEERING SERVICES				
TENDER NUMBER:						
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
	BROUGHT FORWARD					
519.00	.02 Surface mounted box 10W speaker .03 Surface mounted horn 50W speaker, IP 66 Operation and Maintenance Manuals .01 Obtain all available information, compile, reproduce and finalise 7 (Seven)	No. No. Sum	5 1 1			
520.00	Operator Training, 2 hours	Sum	1			
CARRIED FORWARD TO SECTION SUMMARY						

SUMMARY

SUMMARY

ITEM NO	DESCRIPTION	AMOUNT
1	DISTRIBUTION, SMALL POWER AND LIGHTING	
2	LIGHTING	
3	BACKUP POWER SYSTEMS	
4	SECURITY SYSTEM	
	Carried forward to section 4 of final summary	

SECTION 5

VULAMEHLO MAGISTRATES COURT: MECHANICAL SERVICES

SCHEDULE OF QUANTITIES

SCHEDULE NO 1: AIR CONDITIONING AND VENTILATION SYSTEM

PAYMENT REFERS TO	ITEM NO		UNIT	QUAN- TITY	RATE	AMOUNT
	1.00	AIR CONDITIONING SYSTEM Tenderered rates for the following items to be inclusive of all external connections to drainage, water piping and where applicable de-installation and removal from site of existing equipment				
Drawing: ME30274/01	1.01	<p>.01 Supply, install and commission a VRV (variable refrigerant volume) system that complies with DPW standard specification PW 327, complete with all accessories required to make the installation complete, including all associated building works and making good.</p> <p>The two VRV systems shall comprise of the following:</p> <p>.01 Condensing unit (heat recovery, 3-pipe system) with cooling capacity of 22.4 kW (75 000 Btu) The unit shall have a minimum Coefficient of Performance of 3.93 and Energy Efficiency Ratio of 3.2</p> <p>.02 Condensing unit (heat recovery, 3-pipe system) with cooling capacity of 33.5 kW (114 000 Btu) The unit shall have a minimum Coefficient of Performance of 3.93 and Energy Efficiency Ratio of 3.2</p> <p>.03 30000 Btu (9.2kW) cassette indoor unit</p> <p>.03 18000 Btu (5.6kW) mid-wall indoor unit</p> <p>.04 15000 Btu (4.6kW) mid-wall indoor unit</p> <p>.05 12000 Btu (3.6kW) mid-wall indoor unit</p> <p>.06 9000 Btu (2.8kW) mid-wall indoor unit</p> <p>Supply and install split unit with double pole isolators complete surface mounted in box with 20mm conduits and all axxessoried and conductors to the DB</p> <p>.01 9000 Btu</p> <p>.02 12000 Btu</p> <p>.02 Supply and install refrigerant piping of the following sizes for the above VRV system: The rate shall be inclusive of all connection accessories, insulation, supports and all accessories required to make the installation complete The refrigerant piping shall be suitable for R401A conditions.</p> <p>.01 6.4mm diameter</p> <p>.02 9.5mm diameter</p>	No	1		
		CARRIED FORWARD				

SCHEDULE OF QUANTITIES**SCHEDULE NO 1: AIR CONDITIONING AND VENTILATION SYSTEM**

PAYMENT REFERS TO	ITEM NO		UNIT	QUAN- TITY	RATE	AMOUNT
		BROUGHT FORWARD				
Drawing: ME30274/01		.03 12.7mm diameter .04 15.9mm diameter .05 19.1mm diameter .06 22.2mm diameter .07 28.6mm diameter 0.3 Supply and recharge VRV systems with additional R410A refrigerant charge 0.4 Supply and install wall mounted remote controllers for indoor units 0.5 Supply and install branch selector units for indoor piping 0.6 Supply and install multi connection piping kits for 2 outdoor units 0.7 Supply and install control wiring interconnecting outdoor units to indoor units 0.8 Supply and install VRV refnet branch piping kits 0.9 Court Room Packaged Units and Server room .01 Supply and installation of new 26 kW 89000 Btu/Hr roof top packaged heating and cooling air-conditioning unit. Rate to be inclusive of all required building work, any necessary drainage and making good. Ductwork is measured elsewhere. Supplied unit to have economiser. .02 18000 Btu (5.6kW) mid-wall indoor unit for server room .03 Supply and install 32mm diameter PVC conduit for drainage.	m	150		
	1.02	Anti-Corrosion Treatment				
		.01 Blue Chem treatment to package units .02 Blue Chem treatment to split units .03 Blue Chem treatment to VRV units	No.	4		
	1.03	Commissioning and Training				
		0.1 Test and commissioning entire VRV heat recovery system & packaged units & handover to client 0.2 Issuing of manuals and training of staff about the VRV air conditioning system and packaged units and handover to client.	Sum	1		
	1.04	<u>VENTILATION SYSTEM</u>				
Drawing: ME30274/01		0.1 Supply and install inline 150mm diameter fresh air supply fans with the following details; 0.1 Airflow 65litres/second, 230V, 50Pa 0.2 Airflow 20litres/second, 230V, 50Pa	No	1		
		CARRIED FORWARD				

SCHEDULE OF QUANTITIES**SCHEDULE NO 1: AIR CONDITIONING AND VENTILATION SYSTEM**

PAYMENT REFERS TO	ITEM NO		UNIT	QUAN- TITY	RATE	AMOUNT
		BROUGHT FORWARD				
		0.2 Supply and install 150mm diameter silencers for the above described fans. Two silencers per fan.	No	4		
		0.3 Supply and install 400 x 350mm diameter galvanized ducting c/w supports and tranistion pieces.	m	76		
		.01 Extra over 400 x 350mm diameter ducting for elbow	No	36		
		0.4 Supply and install 400 x 500mm diameter galvanized ducting c/w supports and tranistion pieces.	m	188		
		.01 Extra over 400 x 500mm diameter ducting for elbow	No	16		
		0.5 Supply and install 400 x 450mm diameter galvanized ducting c/w supports and tranistion pieces..	m	18		
		0.6 Supply and install 400 x 200mm diameter galvanized ducting c/w supports and tranistion pieces.	m	6		
		0.7 Supply and install 300 x 200mm diameter galvanized ducting c/w supports and tranistion pieces.	m	15		
		0.8 Supply and install 200 x 200mm diameter galvanized ducting c/w supports and tranistion pieces.	m	20		
		0.9 Supply and install 200 x 150mm diameter galvanized ducting c/w supports and tranistion pieces.	m	20		
		1.0 Supply and install uninsulated 150mm flexible ducting, rate to be complete with all installation accessories	m	50		
		1.1 Supply and install uninsulated 300mm flexible ducting, rate to be complete with all installation accessories	m	5		
		1.2 Supply and install uninsulated 350mm flexible ducting, rate to be complete with all installation accessories	m	5		
		1.3 Supply and install 600x600mm powder coated constant volume fresh air drop in diffusers, c/w 150mm spigot	No	16		
		1.4 Supply and install natural anodised weather louvres with the following dimensions;				
		0.1 400x300mm	No	2		
		1.5 Supply and install natural anodised weather louvres with the following dimensions;				
		0.1 600 x 300mm	No	9		
		1.6 Allow for builders work in cutting of openings for fans, piping and ducting through walls	Sum	1		
		1.7 Supply insulated conduit for drainage	m	57		
		1.8 Supply and install transition pieces and accessories to connect 35kW packaged unit to ducting	Sum	1		
	1.05	Commissioning and Training				
		0.1 Test and commissiong entire ventilation system and handover to client	Sum	1		
		0.2 Issuing of manuals and training of staff	Sum	1		
		CARRIED TO SUMMARY				

SECTION 5

VULAMEHLO MAGISTRATES COURT: MECHANICAL SERVICES

SCHEDULE OF QUANTITIES

SCHEDULE NO 2: FIRE DETECTION SYSTEM

PAYMENT REFERS TO	ITEM NO		UNIT	QUAN- TITY	RATE	AMOUNT
PW336	2.00	FIRE DETECTION SYSTEM				
	0.1	Inspect existing system and provide report to Engineer.	Sum	1		
Drawing: ME3027/02	2.01	Supply, install, test and commission a complete fire detection and alarm system as per DPW standard and local municipal by-laws. The fire detection and alarm system shall comprise of the following description and as per drawings.				
	0.1	Supply and install 25mm metal conduits for fire detection system wiring, including all round and square termination boxes	m	250		
	0.2	Supply and install fire resistant type wire, interconnected between, the detectors, the fire panel and audible alarm sirens.	m	600		
	0.3	Supply and install Four (4) loop analogue addressable fire control panel complete with battery and printer as per specification. Wall mounted in area indicated on the Engineers drawings	No	1		
	0.4	Supply and install mimic fire control panel	No	1		
	0.5	Supply and install analogue addressable optical smoke detectors as per specification fixed to a 65mm diameter conduit box	No	58		
	0.6	Supply and install analogue addressable heat detectors as per specification fixed to a 65mm diameter conduit box	No	1		
	0.7	Supply and install Red "Fire" manual call points (Breakglass Unit) as per specification fixed to a 65mm diameter conduit box	No	10		
	0.8	Supply and install analogue addressable optical smoke detectors as per specification fixed to a 65mm diameter conduit box complete with base sounder	No	20		
CARRIED FORWARD						

BROUGHT FORWARD				
		0.9 Supply and install analogue addressable optical smoke detectors as per specification fixed to a 65mm diameter conduit box complete with strobe light.	No	17
		10 Supply & Install Inert Gas Fire Supression System for an enclosed are of 30 m ³ , including all Accessories required to make the system complete.	No	3
		.11 Supply & Install Inert Gas Fire Supression System for an enclosed are of 50 m ³ , including all Accessories required to make the system complete.	No	2
	2.02	Commissioning and Training		
		0.1 Test and commissiong entire automatic fire detection system and handover to client	Sum	1
		Issuing of manuals and training of staff	Sum	1
	CARRIED TO SUMMARY			

SECTION 5

VULAMEHLO MAGISTRATES COURT: MECHANICAL SERVICES

SCHEDULE OF QUANTITIES

SCHEDULE NO 3: FIRE SPRINKLER SYSTEM AND PORTABLE FIRE EQUIPMENT

PAYMENT REFERS TO	ITEM NO		UNIT	QUAN- TITY	RATE	AMOUNT
	6.00	PORTABLE FIRE FIGHTING EQUIPMENT				
	0.1	Supply and install 9kg dry chemical powder portable fire extinguishers	No	2		
	0.2	Supply and install 4.5kg dry chemical powder portable fire extinguishers	No	2		
	0.3	Supply and install 6.8kg carbon dioxide portable fire extinguisher	No	1		
	0.4	Supply and install fire signage	Sum	1		
	0.5	Service existing fire hose reels	No	6		
	0.6	Service existing portable fire extinguishers	No	6		
	5.01	Supply and installation of Fire Hose Reel Booster Pumps, including commissioning				
	.01	.01 2 Bar FHR Jockey Booster Pump Set (Duty & Standby) c/w 20L pressure tank, connected to water tanks as per drawing	Set	1		
	5.02	Commissioning and Training				
	0.1	Test and commissioning entire fire fighting system and handover to client	Sum	1		
		Issuing of manuals and training of staff	Sum	1		
	CARRIED TO SUMMARY					

VULAMEHLO MAGISTRATES COURT: MECHANICAL SERVICES

SUMMARY: SCHEDULE OF QUANTITIES: MECHANICAL SERVICES

SCHEDULE NO 1: AIR CONDITIONING AND VENTILATION SYSTEM R

SCHEDULE NO 2: FIRE DETECTION SYSTEM R

SCHEDULE NO 3: FIRE FIGHTING EQUIPMENT R

TOTAL OF SCHEDULE OF QUANTITIES: MECHANICAL SERVICES
CARRIED TO SECTION 5 OF FINAL SUMMARY R

Carried to Final Summary

**Bill No. 1
LIFT INSTALLATION**

Item No		Quantity	Rate	Amount R
	<u>SECTION NO 7</u>			
	<u>BUDGETARY ALLOWANCES</u>			
	<u>BILL NO 1</u>			
	<u>DOMESTIC AND FIRE BOOSTER PUMPS</u>			
1	Provide the Net amount of R500,000.00 (Five Hundred Thousand Rand) for Domestic and Fire Booster Pumps	Item		500 000.00
	<u>NETWORK CABLING</u>			
2	Provide the Net amount of R1,300,000.00 (One Million Three Hundred Thousand Rand) for Network Cabling	Item		1 300 000.00
	<u>RECORDING EQUIPMENT</u>			
3	Provide the Net amount of R1,050,000.00 (One Million and Fifty Thousand Rand) for Recording Equipment	Item		1 050 000.00
	<u>REPAIRS TO EXISTING FLOORS</u>			
4	Provide the Net amount of R50,000.00 (Fifty Thousand Rand) for Repairs to Existing Floors	Item		50 000.00
	Carried to Final Summary			
Bill No. 1 BUDGETARY ALLOWANCES		R		

Item No	Quantity	Rate	Amount R
<u>SECTION NO 8</u>			
<u>PROVISIONAL SUMS</u>			
<u>BILL NO 1</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p><i>General</i></p> <p>Work for which budgetary allowances are provided will be measured and valued in accordance with the relevant building agreement and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances</p> <p>All prime cost amount and provisional sum allowances are net and will be adjusted in accordance with the relevant building agreement and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances. Prime cost amounts shall include for delivery to site of all articles concerned</p>			
<p><i>Overheads and profit</i></p> <p>The contractor may allow for overheads and profit if required in the item "Allow for overheads and profit" wherever indicated</p>			
<p><i>Profit and general attendance upon selected subcontract works</i></p> <p>The item "Allow for profit and general attendance" which follows each selected subcontract works, shall be deemed to allow for the contractor's profit if required and to cover all the contractor's costs incurred in providing free of charge to the selected subcontract works the duties of the contractor as described in clause 12.2 of the JBCC N/S Subcontract Agreement inclusive of the amendments thereto contained in the "Preliminaries"</p>			
<p><u>PROVISIONAL SUMS FOR SELECTED SUBCONTRACT WORKS</u></p>			
<p>Carried to Collection</p>			
<p>Bill No. 1 PROVISIONAL SUMS</p>			

Contract Participation Goals			
Provide an amount of R10 000 000.00 (Ten Million Rand) for contract participation goals	Item		10 000 000.00
Allow for profit and general attendance	Item		
<u>NET SUMS</u>			
Allow an amount of R130 000.00 (One Hundred and Thirty Thousand Rand) as allowance for the community liaison officer as instructed by the Department of Public Works	Item		130 000.00
Allow an amount of R300 000.00 (Three Hundred Thousand Rand) as allowance for the clerk of works as instructed by the Department of Public Works	Item		300 000.00
Allow an amount of R350 000.00 (Three Hundred and Fifty Thousand Rand) for non-scheduled builder's work to be measured and priced at billed rates, or rates to be agreed and to be deducted in whole or in part if not used	Item		350 000.00
Carried to Collection			R
Bill No. 1			
PROVISIONAL SUMS			

Section No. 8

Bill No. 1

PROVISIONAL SUMS

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Bill No. 1
PROVISIONAL SUMS

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EXPANDED PUBLIC WORKS PROGRAMME

ITEM NO	DESCRIPTION	UNIT	QUAN-TITY	RATE	AMOUNT
200	<p>SECTION NO 9 BILL NO 1</p> <p>EMPLOYMENT AND TRAINING OF LABOUR ON THE EPWP-NYS INFRASTRUCTURE PROJECTS</p> <p>PREAMBLES</p> <p>Tenderers are advised to study the Additional Specification SL: Employment and Training of Labour on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service, as bound elsewhere in the Bills of Quantities, and then price this Bill accordingly</p> <p>NOTE: ITEMS WITHOUT RATES ARE TO BE PRICED BY THE CONTRACTOR</p>				
200.01	<p>TRAINING OF YOUTH WORKERS (TARGET: 36 YOUTH WORKERS)</p> <p>Orientation, Life skills development and technical training:</p> <p>Orientation and Life skills development training for youth workers for an average of 10 days per youth worker (ref. SL 11.01.01)</p> <p>Technical skills training for youth workers for an average of 80 days per youth worker (ref. SL 11.01.02)</p> <p>Provide Medical Surveillance</p> <p>The above items are only applicable if NYDA do not fund the specific training.</p> <p>Payment Reduction due to not meeting the training target (ref. SL 11.03)</p> <p>Profit and attendance on condition that services and cost has been incurred (on items 200.01.01 and 200.01.02 above)</p> <p>TRAVELING DURING ON-SITE TRAINING:</p> <p>Practical Work based Experiential training for 10 days each (ref. SL 11.02.01)</p> <p>.01 Traveling (based on R30 per day return trip/youth worker)</p> <p>.02 Profit and attendance on condition that services and cost has been incurred (on item .01 above)</p>	36 10 80 -2 500 % R -2 500 % R	PC PC PC Youth-worker % R	Sum Sum Sum -2 500 R Sum R	78 651.79 625 639.25 21 450.49 - 188 764.30
	Carried to Section Summary			R	

EXPANDED PUBLIC WORKS PROGRAMME

ITEM NO	DESCRIPTION	UNIT	QUAN-TITY	RATE	AMOUNT
200.04	<u>EMPLOYMENT OF YOUTH WORKERS</u>				
200.04.01	Employment of youth workers The unit of measurement shall be the number of youth workers at the labour rate of R122.00 per day on Training as per EPWP Ministerial Determination multiplied by the period employed in months and the rate tendered shall include full compensation for all costs associated with the employment of youth workers and for complying with the conditions of contract. The cost for the training shall be excluded from this item. This item is based on 9 months appointment for youth workers	PC		Sum	1 151 462.23
200.04.02	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.04.02)	%	1 151 462.23		-
200.05	<u>PROVISION OF EPWP DESIGNED OVERALLS AND HARD HATS TO YOUTH WORKERS</u>				
200.05.01	Supply EPWP branded 2 x overalls, safety boots and 1 x EPWP branded hard hat to youth workers (ref. SL 11.05.01)	PC		Sum	57 201.30
200.05.02	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.05.02)	%	57 201		-
200.06	<u>PROVISION OF BASIC TOOLS FOR YOUTH WORKERS</u>				
200.06.01	Provide all youth workers with prescribed tools for their respective trades. Specification for the mentioned tools to be provided by the Service Provider. These tools will become the property of the youth workers after the completion of the programme (ref. SL 11.06.01)	PC		Sum	64 351.47
200.06.02	Profit and attendance on condition that services and cost has been incurred (ref. SL 11.06.02)	%	64 351		-
200.07	<u>APPOINTMENT OF YOUTH TRAINING COORDINATOR (TEAM LEADER/S)</u>				
200.07.01	Appointment of Youth Team Leader/s for the duration of the contract (ref. SL 11.07.01)	PC		Sum	99 000.00
200.08	<u>LIAISON WITH SERVICE PROVIDER and EPWP (for provision of information)</u> (ref. SL 11.08) <i>Monthly reporting and administration of the EPWP system including the submission of EPWP Reporting System (ERS) beneficiary registration tool to the principal agent on a monthly cycle to reflects employment on a government construction site .Records will include that of reflection of all labour employed by the main contractor as well as of all sub-contractors on site .Separate sheet ,although the same format ,will be completed for Local Labour beneficiaries for the sub-contractor (if applicable).</i>	hours	100		0.00
200.09	<u>LOGISTICS FOR EXIT WORKSHOPS</u>				
200.09.01	Provide logistic items for exit workshop (Catering, Orange Golf T-Shirts, Venue Hire and Sound System).	PC	1	8 650.16	8 650.16
Carried to Section Summary					R

Section No. 9

Bill No. 1

EXTENDED PUBLIC WORKS PROGRAMME

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Bill No. 1

EXTENDED PUBLIC WORKS PROGRAMME

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<u>FINAL SUMMARY</u>		Page No	Amount R
Section No			
1	Preliminaries	23	
2	Bill of Quantities	115	
3	External Works (Provisional)	167	
4	Electrical Installation	183	
5	Mechanical Installation	190	
6	Lift Installation	191	
7	Budgetary Allowances	192	
8	Provisional Sums	195	
9	Extended Public Works Programme	198	
SUBTOTAL			R
ADD: 15% (FIFTEEN PERCENT) on the above total for VALUE ADDED TAX			R
TOTAL CARRIED TO FORM OF TENDER			R

PA-04 (EC): NOTICE AND INVITATION TO TENDER

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

Project title:	Vulamehlo Magistrate Court: R&R to office buildings: Completion contract		
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Tender no:	DBN26/02/01	Reference no:	6308/0685/26/1B
Advertising date:	13/02/2026	Closing date:	10/03/2026
Closing time:	11:00am	Validity period:	84 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **7 GB or 7 GB*** or higher.

* Delete "or select tender value range select class of construction works" where only one class of construction works is applicable

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **select tender value range select class of construction works PE or select tender value range select class of construction works PE*** or higher.

* Delete "or select tender value range select class of construction works PE" where only one class of construction works is applicable

2. FUNCTIONALITY CRITERIA APPLICABLE YES NO

Note 1: Failure to meet minimum functionality score will result in the tenderer being disqualified.

Functionality criteria¹:	Weighting factor:
Work Force:	
Contractor to provide proof of work force to execute this project. Attach certified copies of ID and copy of certificate of trade test. To comply with full points the contractor must submit all trades stated here under:	
Sub Criteria	10
Plumbers Bricklayers Electrical Mechanical 1 1 1 1 = 3 points	
2 2 2 2 = 5 points	
3 and above 3 and above 3 and above 3 and above=10 points	

¹The points allocated to each functionality criterion should not be generic but should be determined separately for each tender on a case by case basis.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

<p>2. Management 1</p> <p>2.1 Company Previous Experience</p> <p>The contractor to provide award letter or an appointment letter or an order for previous projects of general building in nature undertaken and completed successfully which must be accompanied with a completion certificate signed by Principal Agent / Project Manager as proof. Only projects with a contract amount of R 20 million and above to be considered. These projects must not be older than 5 years from the closing date of this project.</p> <table> <tr> <td>R60 000 001.00 and above projects</td><td>= 35 points</td></tr> <tr> <td>R40 000 001.00 to R60 000 000.00 project</td><td>= 25 points</td></tr> <tr> <td>R30 000 001.00 to R40 000 000.00 project</td><td>= 15 points</td></tr> <tr> <td>R20 000 000.00 to R30 000 000.00 project</td><td>= 10 points</td></tr> </table>	R60 000 001.00 and above projects	= 35 points	R40 000 001.00 to R60 000 000.00 project	= 25 points	R30 000 001.00 to R40 000 000.00 project	= 15 points	R20 000 000.00 to R30 000 000.00 project	= 10 points	35
R60 000 001.00 and above projects	= 35 points								
R40 000 001.00 to R60 000 000.00 project	= 25 points								
R30 000 001.00 to R40 000 000.00 project	= 15 points								
R20 000 000.00 to R30 000 000.00 project	= 10 points								
<p>3. Management 2</p> <p>3.1. Company Human Resources</p> <p>Contractor to provide proof of employees indicating experience in years within the construction sector to date. In order to be allocated points on management 2, Foreman is required to submit CV and a certified ID copy.</p> <p># Foreman with the following experience will allocated points.</p> <table> <tr> <td>15 years and above experience</td><td>= 5</td></tr> <tr> <td>10 to 14 years experience</td><td>= 3</td></tr> <tr> <td>5 to 13 years experience</td><td>= 2</td></tr> </table> <p>Contractor to provide proof of employees indicating experience in years within the construction sector to date. In order to be allocated points on management 2, you are required to submit CVs, certified ID copies and certified copies of minimum qualification (National Diploma or above) and also the company organogram.</p> <p>Contractor to provide proof of work force in the following disciplines (Technician in Civil or Structural & Construction Manager in order to be allocated points.</p> <p>Civil/Structural Technician + Construction Manager 5 years and above experience = 15 points</p> <p>Civil/Structural Technician + Construction Manager 03 to 04 years experience = 10 points</p> <p>Civil/Structural Technician + Construction Manager 01 to 02 years experience = 5 points</p>	15 years and above experience	= 5	10 to 14 years experience	= 3	5 to 13 years experience	= 2	20		
15 years and above experience	= 5								
10 to 14 years experience	= 3								
5 to 13 years experience	= 2								

4. Plant and Equipment	Contractor to provide proof of ownership (company ownership or director) through a copy of Department Of Transport license registration (log book or licence disc). A copy of proof of intent to hire in a company letter head.	10
Sub Criteria:		
4.1 Concrete mixture:	01 and above = 5 points	
4.2 Utility Vehicles:	04 and above = 5 points	
5. Financial Institution FSP Credibility:	5.1 Contractor to provide a bank rating from Banking Institute or registered financial to justify credit risk.	
Sub Criteria:		
Credit Rating of "A" OR "B" = 12 points		20
Credit Rating of "C" = 08 points		
Credit rating of "D" OR E = 04 points		
5.2 Material Supplier Creditability	Contractor to provide proof of any registered material supplier with positive credit of R 2 000 000.00 address to the bidder or company issued within a month from the closing date of tender = 8 points	
6. Methodology	Contractor to prepare and submit detailed method statement of building works indicating the following:	5
	1. Site security approach plan indicating site layout of public and contractor access. This must also indicate proposed layout of site office, material storage, parkings and ablution facilities. = 5	
Total	100 Points	

(Weights for functionality must add up to 100. Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)

Minimum functionality score to qualify for further evaluation:	70
(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)	
This is a completion contract which was previously undertaken by the cancelled contractor. The project is complex and complicated and for that reason it needs a competent and capable contractor to execute work to completion stage.	

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

3. THE FOLLOWING EVALUATION METHOD FOR RESPONSIVE BIDS WILL BE APPLICABLE:

<input type="checkbox"/> Method 1 (Financial offer)	<input checked="" type="checkbox"/> Method 2 (Financial and Preference offer)
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3.1. Indicate which preference points scoring system is applicable for this bid:

<input type="checkbox"/> 80/20 Preference points scoring system	<input checked="" type="checkbox"/> 90/10 Preference points scoring system	<input type="checkbox"/> Either 80/20 or 90/10 Preference points scoring system
---	--	---

4. RESPONSIVENESS CRITERIA

4.1. Indicate substantive responsiveness criteria applicable for this tender. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited.
4	<input checked="" type="checkbox"/>	Submission of a signed bid offer as per the DPW-07 (EC).
5	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
6	<input checked="" type="checkbox"/>	Bidders must comply with DPW-21 (EC): Record of Addenda to tender documents, if any.
7	<input checked="" type="checkbox"/>	Submission of DPW-16 signed by the authorised official and completion of bid briefing attendance register. Will help Bidders to familiarise themselves with site and tender condition for project.
8	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.
9	<input type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
10	<input checked="" type="checkbox"/>	Bidders must have an active registration status on Construction industry development board (CIDB) database. Failure to comply with this requirement will result in disqualification.
11	<input type="checkbox"/>	
12	<input type="checkbox"/>	
13	<input type="checkbox"/>	
14	<input type="checkbox"/>	
15	<input type="checkbox"/>	

4.2. Indicate administrative requirements applicable for this tender. Tenderers may be required to submit the below documents where applicable.

Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request or as specifically indicated, will disqualify the tender offer from further consideration.

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	All parts of tender documents submitted must be fully completed in ink and signed where required.
4	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure
5	<input checked="" type="checkbox"/>	Submission of PA-16.1 (EC): Ownership Particulars
6	<input checked="" type="checkbox"/>	Submission of documentation relating to risk assessment criteria as contained in C 2.1 of DPW-03 Tender Data.
7	<input checked="" type="checkbox"/>	Submission of (PA 40): Declaration of Designated Groups.
8	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). Insert the Supplier Registration Number on the form of offer, including proposed sub-contractors if any.
9	<input checked="" type="checkbox"/>	Data provided by the tenderer in Part 2 of DPW-04 Contract Data (JBCC 2018) or DPW-05 Contract Data (GCC 2015) whichever applicable to be fully completed.
10	<input type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 calendar days from request.
11	<input type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
12	<input type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
13	<input type="checkbox"/>	
14	<input type="checkbox"/>	
15	<input type="checkbox"/>	
16	<input type="checkbox"/>	
17	<input type="checkbox"/>	
18	<input type="checkbox"/>	

4.3. Indicate administrative requirements applicable for specific goals, Tenderers will not be required to submit the below document if not provided in the original tender proposals, Failure to comply with the criteria stated hereunder shall result in the tenderer not allocated points for specific goals.

1	<input checked="" type="checkbox"/>	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
2	<input checked="" type="checkbox"/>	A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Certificate issued by a SANAS accredited service provider

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5. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS:



5.1. For procurement transaction with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable.

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> • SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> • Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> • Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> • Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> • Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> • SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> • SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> • Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> • South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p>

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			National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

8.2. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.



NB. The use of one of goal numbers' 4 or 5 is mandatory. The BSC must select either one of the two, but not both.

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4. <input type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

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				and
				<ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent.
				Or
				<ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent.
				Or
				National Council for Persons with Physical Disability in South Africa registration (NCPPDSA).
	OR			
5. <input checked="" type="checkbox"/>	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2		<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

Black people mean Africans, Coloureds and Indians, who - (a) are citizens of the Republic of South Africa by birth or descent; or (b) became citizens of the Republic of South Africa by naturalisation - (i) before 27 April 1994; or (ii) on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of 9 JANUARY 2004).

6. BID EVALUATION METHOD

This bid will be evaluated according to the preferential procurement model in the PPPFA: (Tick applicable preference point scoring system)

<input type="checkbox"/> 80/20 Preference points scoring system	<input checked="" type="checkbox"/> 90/10 Preference points scoring system	<input type="checkbox"/> Either 80/20 or 90/10 Preference points scoring system
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In case where below/above R 50 000 000 is selected, the lowest acceptable tender will be used to determine the applicable preference point system.

7. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

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7.1 Technical risks:

Criterion 1: Experience on comparable projects during the past specify period between 5 and 10 years.

The tendering Service Provider's experience on comparable projects during the past specify period between 5 and 10 years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

Criterion 2: Contractual commitment and quality of performance on comparable projects during the past specify period between 5 and 10 years.

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past specify period between 5 and 10 years as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer be *mutatis mutandis* declared non-responsive.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

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Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

Criterion 4: Attendance of compulsory bid clarification meeting, if applicable

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

7.2 Commercial risks:

The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.

Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.

8. CONTRACT PARTICIPATION GOAL TARGETS AND CIDB B.U.I.L.D. PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as described in PG-01.2 (EC): Scope of Work and PG-02.2 (EC): Pricing Assumptions and in accordance with the feasibility study, which forms part of the specifications in the CPG Section of the Specification of this contract.

(a)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(b)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(c)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable

Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

(d)	cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	Applicable
(e)	cidb BUILD Programme: Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 48491 of 28 April 2023 and the cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.– Condition of Contract	Applicable
(f)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	Applicable
(g)	Labour Intensive Works – Condition of Contract.	Applicable
(h)		Select
(i)		Select

9. COLLECTION OF TENDER DOCUMENTS

Bid documents are available for free download on e-Tender portal www.etenders.gov.za

Alternatively; Bid documents may be collected during working hours at the following address **insert physical address**. A non-refundable bid deposit of **R insert amount** is payable (cash only) on collection of the bid documents.

10. SITE INSPECTION MEETING

A pre-tender site inspection meeting will be held in respect of this tender.
Attendance of said pre- tender site inspection meeting is **compulsory**

The particulars for said pre- tender site inspection meeting or virtual bid clarification / site inspection meeting. are:

Venue:	Vulamehlo Magistrate Court (Dududu)		
Virtual meeting link:	N/A		
Date:	26 February 2026	Starting time:	10:00am

11. ENQUIRIES

11.1. Technical enquiries may be addressed to:

DPWI Project Manager	MA Mncibi	Telephone no:	031 314 7241
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Cellular phone no	072 594 9696	Fax no:	
E-mail	msizi.mncibi@dpw.gov.za		

11.2. SCM enquiries may be addressed to:

SCM Official	Ms Nobuhle Gwala	Telephone no:	031 314 7021
Cellular phone no	071 380 8247	Fax no:	
E-mail	nobuhle.gwala@dpw.gov.za		

12. DEPOSIT / RETURN OF TENDER DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms – (forms not to be re-typed).

Tender documents may be posted to: The Director-General Department of Public Works and Infrastructure Private Bag X 54315 Durban 4000 Attention: Procurement section: Room DBN26/02/01	OR	Deposited in the tender box at: LABELLED DBN26/02/01 National Department of Public Works and infrastructure 157 Monty Naicker Street by securiies(bidders to note that entrance in Dr Pixsley Ka Seme is temporally closed

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