

PART 2

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>BILL NO 15</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Vitrified clay pipes:</u>				
Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi dry state immediately before pipes are laid				
Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings				
<u>Copper pipes:</u>				
Pipes shall be hard drawn and half hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half hard), class 2 (half hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Capillary solder fittings shall comply with ISO 2016.				
<u>Fixing of pipes</u>				
Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level				
<u>Reducing fittings</u>				
Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained				
Carried to Collection				R
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<p><u>Wire gratings</u></p> <p>Descriptions of gutter outlets, etc., shall be deemed to include wire balloon gratings</p> <p><u>Excavations</u></p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling</p> <p>"Soft rock" and "hard rock" shall be as defined in "Earthworks"</p> <p><u>Laying, backfilling, bedding, etc. of pipes</u></p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturer's instructions. Rates shall allow for filling material and carting away of excavated materials not required for backfilling.</p> <p>Where no manufacturer's instructions exists, pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:</p> <p>SABS 1200 L : Medium-pressure pipelines SABS 1200 LD : Sewers SABS 1200 LE : Stormwater drainage</p> <p>Pipe trenches, etc. shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (pipe trenches)</p> <p>Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (pipes)</p> <p>Unless otherwise described, bedding of rigid pipes shall be class B bedding.</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc.</u></p> <p>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p> <p><u>Waste unions</u></p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings</p>				
<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Building works Bill No. 15 Plumbing and Drainage Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>			<p>R</p>	

<u>SUBSOIL DRAINAGE</u>					
<u>uPVC pipes</u>					
1	160mm Pipes including excavations, filling and bedding not exceeding 1m deep	m	15		
<u>Extra over uPVC pipes for fittings</u>					
2	160mm Bend	No	2		
<u>PRECAST CONCRETE CHANNELS</u>					
<u>Type D8, open-ended precast concrete channels bedded in and including 3:1 sand-cement mortar bed complete as detailed on page S38</u>					
3	410 x 180mm Channels with 200 x 100mm deep segmental channel laid in and including trenches x approximately 230mm deep	m	108		
4	Extra over for end	No	8		
5	Extra over for angle	No	7		
6	Extra over for junction	No	4		
<u>SOIL DRAINAGE</u>					
7	Cut into existing sewer line to connect new 110mm diameter pipe	No	1		
<u>UPVC underground drainage pipes as SABS 791 laid in ground</u>					
8	110mm Pipes vertically or ramped to cleaning eyes, etc. (no excavation)	m	11		
9	110mm Pipes laid in and including trenches not exceeding 1m deep	m	77		
10	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	51		
<u>Extra for:</u>					
11	110mm Bend	No	27		
12	110mm Junction	No	15		
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13	110mm uPVC cleaning eye including concrete encasing as detailed on page S39	No	6		
	<u>Gullies</u>				
14	Dished gully consisting of precast concrete gully head, uPVC gully with grating, P-trap, concrete encasing finished smooth as detailed on page S40	No	7		
	<u>Brick inspection chambers including benching and channels (covers and frames elsewhere)</u>				
15	Allow for thoroughly cleaning out existing inspection chamber approximately size 600 x 900mm not exceeding 2000mm deep	No	3		
16	670 x 1000mm Inspection chamber (Type B) exceeding 600mm and not exceeding 1000mm deep internally complete as detailed on page S41	No	1		
17	670 x 1000mm Inspection chamber (Type B) exceeding 1000mm and not exceeding 1500mm deep internally complete as detailed on page S41	No	1		
18	760 x 600mm Inspection chamber exceeding 1500mm and not exceeding 2000mm deep internally, the lower section ($y=(\frac{3}{4}) \times (x)$) increased to 770 x 1100mm internally and with and including 150mm precast concrete reducer slab complete as detailed on page S41	No	2		
	<u>Cast iron covers, etc.</u>				
19	450 x 600mm Normal duty double seal manhole cover and frame	No	2		
20	450 x 600mm Heavy duty double seal manhole cover and frame	No	2		
	<u>Conservancy tank</u>				
21	Allow for connecting new 110mm uPVC pipe to inlet at conservancy tank including cutting off old connection pipe	No	1		
22	Allow for thoroughly cleaning out existing conservancy tank with a capacity of approximately 20000 litres	No	1		
Carried to Collection				R	
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	<u>SUNDRIES</u>				
23	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock	m³	35		
24	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock	m³	35		
	<u>Testing</u>				
25	Testing soil drainage system		Item		
	<u>SANITARY FITTINGS</u>				
26	Vitreous china 400mm high close coupled suite and matching 430mm wide x 180mm deep 9 litre push button single top flushing cistern complete with lid, fittings and sealing ring, fixed to floor and wall, the pan complete with extra heavy duty solid plastic double flap seat with adjustable hinges	No	7		
27	Vitreous china low level suite for disabled users complete with 9 litre cistern with side flush lever, flush pipe and fixed to floor and wall complete with extra heavy duty solid white double flap seat with adjustable hinges	No	1		
28	Vitreous China wall hung "Flatback" urinal overall size 415 x 315 x 275mm complete with 38mm chromium plated domical grating, chromium plated top inlet spreader, chromium plated exposed top inlet and two concealed hanger brackets mounted to walls as detailed on page S42	No	4		
29	Vitreous China urinal division size 310 x 50 x 600mm high (Code 705228WH) complete with fixing screws and hanger brackets mounted to plastered brick walls as detailed on page S43	No	3		
30	Vitreous china "semi rectangular" wall mounted wash hand basin size 520 x 415mm with two concealed wall brackets complete with one tap hole, integrated overflow, waste, plug and chain	No	7		
31	Polished stainless steel single bowl inset kitchen sink and drainer size 1200 x 500mm with one tap hole for sink mixer (mixer elsewhere) complete with 38mm PVC waste, plug and chain	No	2		
	Carried to Collection			R	
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	<u>TRAPS, ETC.</u>				
32	40mm uPVC P- or S-trap and connections to uPVC pipe	No	13		
	<u>TAPS, VALVES, ETC.</u>				
33	15mm Ballcock and connections to copper pipe	No	25		
34	15mm Flexible tap connector x 350mm long fixed to copper pipe	No	25		
35	15mm Chromium plated sink mixer with aerated swivel spout and connections to copper pipes	No	2		
36	15mm Chromium plated elbow action pillar tap including connections to flexible tap connector	No	1		
37	15mm Chromium plated pillar tap and connections to flexible tap connector	No	6		
38	15mm Chromium plated demand exposed stop tap (push button) including connections to copper pipes as detailed on page S44	No	4		
39	25mm Brass stop valve and connection to copper pipe	No	4		
40	32mm Brass stop valve and connection to HDPE pipe	No	2		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC pipes as SABS 967</u>				
41	50mm Pipe	m	14		
42	50mm Pipe chased into existing concrete floor	m	11		
43	50mm Pipe chased into existing brick wall	m	5		
44	110mm Pipe	m	10		
45	110mm Pipe chased into existing concrete floor	m	10		
	<u>Extra for solvent weld fittings</u>				
46	50mm x 1½ or 2" BSP adaptor	No	11		
47	50mm Strap on boss connector	No	3		
	Carried to Collection			R	
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48	50mm Bend	No	15		
49	50mm Bend with inspection eye	No	16		
50	50mm Junction	No	5		
51	50mm Junction with inspection eye	No	3		
52	110mm Bend with inspection eye	No	3		
53	110mm Double reducing access junction	No	2		
54	110mm Bend with inspection eye and vent horn	No	4		
55	110mm Junction with inspection eye	No	4		
56	110mm Reducing junction with inspection eye	No	3		
57	110mm Pan connector	No	8		
	<u>Sundries</u>				
58	50mm Two-way vent valve	No	4		
59	110mm Two-way vent valve	No	4		
	<u>Testing</u>				
60	Testing waste pipe system		Item		
	<u>WATER SUPPLIES</u>				
61	Allow for disconnecting existing water pipe at municipal connection and removing pipe where in the way of new pipe	No	1		
62	Allow for connection of new HDPE pipe to municipal water meter	No	1		
	<u>High density polyethylene (HDPE) class 10 piping with Plasson or other approved type locking couplings and laid in ground including excavations, back filling, carting away, etc.</u>				
63	25mm Pipe and excavations not exceeding 1m deep	m	114		
64	32mm Ditto	m	38		
	Carried to Collection			R	
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65	50mm Ditto	m	20		
	<u>Extra over polyethylene pipes for screw type polypropylene fittings</u>				
66	25mm Fittings	No	37		
67	32mm Elbow	No	5		
68	32mm Equal tee	No	3		
69	32 x 25mm Reducing tee	No	10		
70	32 x 25mm Reducing coupling	No	4		
71	50mm Elbow	No	4		
72	50mm Equal tee	No	2		
73	50 x 32mm Reducing tee	No	3		
	<u>Class 0 thin wall hard drawn copper pipes</u>				
74	15mm Pipes	m	54		
75	15mm Pipes recessed in existing walls	m	38		
76	22mm Pipes	m	16		
77	22mm Pipes recessed in existing walls	m	15		
	<u>Extra over class 0 copper pipes for capillary fittings</u>				
78	15mm Fittings	No	62		
79	22mm Fittings	No	53		
	<u>Extra over class 0 copper pipes for compression fittings</u>				
80	15mm Fittings	No	34		
81	22mm Fittings	No	20		
	<u>Sundries</u>				
82	40mm NB Water meter and connections to HDPE pipe	No	1		
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83	300 x 200 x 150mm Cast iron water meter box (Type 10A)	No	1		
84	Garden stand pipe tap complete consisting of concrete base, 1,8m Y-standard with hose clamps, 20mm galvanised pipe with two elbows and 20mm brass garden tap with hose connection	No	3		
	<u>Disinfecting</u>				
85	Disinfecting water pipe system		Item		
	<u>Testing</u>				
86	Testing water pipe system		Item		
	<u>ELECTRIC WATER HEATERS</u>				
	<u>Note:</u> The geyser installation shall be done by a plumber having attended a training course in these type of installations				
87	Prisma 10 Litre Under Basin Geyser as by Kwikot or similar approved including drain cock and safety valve mounted to wall internally including brackets, bolts, etc.	No	1		
88	22mm Approved 400 kPa pressure reducing valve	No	1		
89	20mm Vacuum breaker and connection to copper pipe	No	2		
90	20mm Non-return valve and connections to copper pipe	No	2		
	<u>FIRE APPLIANCES, ETC.</u>				
91	4,5kg DCP fire extinguisher fixed to wall on and including meranti backing board	No	13		
92	9kg Ditto	No	2		
93	30m Long x 20mm diameter non swivel type fire hose reel complete with nozzle, 25mm chromium plated handwheel stopcock connected to steel piping and bolted to wall	No	5		
	Carried to Collection			R	
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<u>WATER SUPPLIES TO FIRE APPLIANCES</u>					
<u>Class 9 PVC-U pressure pipes with rubber ring joints</u>					
94	75mm Pipes laid in and including trenches not exceeding 1m deep	m	74		
<u>Extra over class 9 PVC-U pressure pipes for uPVC pressure fittings with rubber rings</u>					
95	75mm Bend	No	2		
<u>Extra for SG iron and other fittings:</u>					
96	75mm x 25mm BSP saddle	No	5		
97	75mm Flange connector	No	1		
<u>Galvanised steel pipes</u>					
98	25mm Pipes	m	10		
99	25mm Pipes chased into brickwork	m	10		
100	25mm Pipes laid in and including trenches not exceeding 1m deep	m	75		
101	80mm Pipe in fire hydrant	m	2		
<u>Extra over galvanised steel pipes for steel fittings</u>					
102	25mm Fittings	No	25		
103	80mm Bend	No	2		
104	80mm (3" BSP) flanged connection to cast iron flanged bend	No	1		
<u>Fire hydrant</u>					
105	65mm Brass rectangular fire hydrant and connections fixed to 80mm galvanised steel pipe	No	1		
106	64mm Diameter synthetic yarn standard international fire hose 30m long complete with coupling to fit hydrant and nozzle	No	1		
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	<p>Section No. 2</p> <p>Bill No. 15</p> <p>Plumbing and Drainage</p> <p><u>COLLECTION</u></p> <p>Total Brought Forward from Page No.</p>		<p><u>Page</u> <u>No.</u></p> <p>100</p> <p>101</p> <p>102</p> <p>103</p> <p>104</p> <p>105</p> <p>106</p> <p>107</p> <p>108</p> <p>109</p> <p>110</p> <p>111</p>		<p><u>Amount</u></p>
	<p>Carried Forward to Summary of Section No. 2</p>			<p>R</p>	
	<p>Section No. 2</p> <p>Building works</p> <p>Bill No. 15</p> <p>Plumbing and Drainage</p> <p>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>				

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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>BILL NO 17</u></p> <p><u>PAINTWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>PREPARATORY WORK TO EXISTING WORK</u></p> <p><u>Previously painted plastered surfaces</u></p> <p>Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p><u>Previously painted metal surfaces</u></p> <p>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal. Rust will be treated with an approved anti-rust agent</p> <p><u>Previously painted wood surfaces</u></p> <p>Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth</p> <p><u>Existing face brick surfaces</u></p> <p>Clean existing face brick walls of all oil, paint, etc. and rake out loose mortar in joints of face brick walls, replace with new mortar and point to match existing</p> <p><u>Specialist epoxy system</u></p> <p>Specialist epoxy floor and wall coverings shall be applied by specialist applicators approved and guaranteed in writing by the manufacturer. The manufacturer shall be contacted to obtain a list of approved applicators.</p>				
	<p style="text-align: right;">Carried to Collection</p>			R	
	<p>Section No. 2 Building works Bill No. 17 Painting Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>				

	<p><u>Interior paint</u></p> <ul style="list-style-type: none"> - Existing paint is to be completely stripped down using chemical peel method - the surface is to be cleaned with high pressure steamer to remove any traces of fungi and bacteria - all dust to be removed with industrial vacuum cleaner - all cracks are to be filled in - all stages of painting work are to be inspected and certified by technical specialist from the paint manufacturer in order to obtain min 7 years guarantee on paint work for the client <p><u>Exterior painting:</u></p> <ul style="list-style-type: none"> - Existing paint is to be completely stripped down using chemical peel method - all cracks are to be filled in - all stages of painting work are to be inspected and certified by technical specialist from the paint manufacturer in order to obtain min 7 years guarantee on paint work for the client <p><u>Protecting face brick dados</u></p> <p>Face brick dados shall be masked and protected while walls, ceilings and other adjoining surfaces are painted</p>				
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Building works Bill No. 17 Painting Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>			R	

<u>PAINTWORK, ETC. TO NEW WORK</u>					
<u>ON PLASTER</u>					
<u>Prepare and paint primer, undercoat and two coats approved interior quality pure acrylic PVA</u>					
1	On walls	m ²	1 380		
<u>Prepare and paint primer, one undercoat and two coats premium quality, extremely durable, washable and pure acrylic emulsion sheen paint</u>					
2	On walls	m ²	937		
3	On walls in foundations	m ²	30		
<u>ON PRECAST CONCRETE</u>					
<u>Prepare and paint primer, one undercoat and two coats premium quality, extremely durable, washable and pure acrylic emulsion sheen paint</u>					
4	Precast concrete copings	m ²	6		
5	Precast window sills with 380mm girth	m	30		
<u>ON PLASTERBOARD AND FIBRE CEMENT BOARD</u>					
<u>Prepare and paint one undercoat and two coats interior quality PVA paint</u>					
6	On ceilings with nail heads and metal cover strips primed before painting	m ²	28		
<u>Prepare and paint two coats durable, easy cleanable, UV-resistant and smooth matt finish acrylic emulsion base interior paint</u>					
7	On drywalls	m ²	86		
<u>ON FIBRE CEMENT</u>					
<u>Prepare and paint undercoat and two coats high gloss enamel paint</u>					
8	On ceilings with nail heads and metal cover strips primed before painting	m ²	85		
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	<u>Prepare and paint bonding liquid and two coats acrylic PVA</u>				
9	On fascias and barge boards	m ²	143		
	<u>Prepare and paint two coats extremely durable UV-resistant and washable pure acrylic emulsion sheen paint</u>				
10	On window sill not exceeding 300mm girth	m	61		
	<u>ON METAL SURFACES</u>				
	<u>Prepare and paint one coat vinyl wash primer and two coats low sheen acrylic roof paint</u>				
11	On corrugated drywalls	m ²	14		
12	On ceilings	m ²	4		
	<u>Prepare and touch up primer where necessary and paint one undercoat and two coats gloss enamel</u>				
13	On cottage pane windows with burglar bars to opening sections (both sides measured on flat)	m ²	89		
14	On doors	m ²	4		
15	On door linings	m ²	68		
16	On security gates and screens (both sides measured on flat)	m ²	458		
17	Rails, bars, pipes, etc. not exceeding 300mm girth	m	55		
	<u>ON WOOD SURFACES</u>				
	<u>Apply three coats clear polyurethane eggshell varnish sandpapered smooth between each coat</u>				
18	On doors	m ²	98		
19	On fittings	m ²	73		
20	On fittings not exceeding 300mm girth	m	9		
21	On skirtings not exceeding 300mm girth	m	75		
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<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK</u>					
<u>ON PLASTER</u>					
Strip off existing paint film, make good all surface cracks, rub down to a smooth surface, prepare and paint bonding liquid, undercoat and two coats approved acrylic PVA					
25	On walls	m ²	50		
Strip off existing paint, make good all surface cracks, rub down to a smooth surface and paint one coat bonding liquid and two coats premium quality, extremely durable, washable and pure acrylic emulsion sheen paint					
26	On walls	m ²	33		
<u>ON BAGGED BRICKWORK, CONCRETE OR STONE WALL SURFACES</u>					
Strip off existing paint, prepare and paint one coat alkali resistant primer and two coats premium quality, extremely durable, washable and pure acrylic emulsion sheen paint					
27	On bagged walls	m ²	281		
<u>ON CONCRETE SURFACES</u>					
Strip off existing paint, make good all surface cracks, rub down to a smooth surface, prepare and paint two coats polyurethane eggshell paint or other approved					
28	On concrete copings	m ²	15		
<u>ON METAL SURFACES</u>					
Clean down, sand down to a smooth and even surface, remove all rust, flaking paint with a wire brush, apply rust solvent and paint zinc chromate primer, one undercoat and two coats high gloss enamel paint					
29	On cottage pane windows (both sides measured on flat)	m ²	4		
30	On cottage pane windows with burglar bars (both sides measured on flat)	m ²	20		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>BILL NO 18</u>				
	<u>EXTERNAL WORK</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	All supplementary preambles in preceding bills shall apply equally to items in this bill				
	<u>SITE CLEARANCE</u>				
	<u>Site clearance</u>				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m²	923		
	<u>REMOVAL OF TREES, ETC.</u>				
	<u>Taking out and removing, grubbing up roots and filling in holes</u>				
2	Tree stump exceeding 2000 and not exceeding 2500mm girth	No	1		
3	Tree stump exceeding 2500 and not exceeding 3000mm girth	No	1		
	<u>Cutting down and removing, grubbing up roots and filling in holes</u>				
4	Tree exceeding 500mm and not exceeding 1000mm girth	No	2		
5	Tree exceeding 1000mm and not exceeding 1500mm girth	No	2		
6	Tree exceeding 2000mm and not exceeding 2500mm girth	No	2		
	<u>REPAIRS TO EXISTING SURFACES</u>				
	<u>Approximately 30mm asphalt "tar" to match existing</u>				
7	On walkways and roads	m²	30		
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8	500mm Wide where excavated for electrical cable trenches (excavations and electrical cables elsewhere measured)	m	250		
	<u>APRONS</u>				
	<u>EXCAVATIONS</u>				
	<u>Open face excavation in earth over sloping site</u>				
9	Reduced levels under aprons	m ³	13		
	<u>Compaction of surfaces</u>				
10	Compaction of ground surface under roads, pavings, etc., including scarifying for a depth of 150mm, breaking down oversize material compacting to 90% Mod AASHTO density	m ²	131		
	<u>LAYER WORK</u>				
	<u>Selected earth filling obtained from the excavations and/or prescribed stock piles on site</u>				
11	Base course under paving areas etc, compacted to 93% Mod AASHTO density and stabilized with 4% cement	m ³	13		
	<u>Filling supplied by the contractor under paving areas, roadways, etc</u>				
12	Filling of G5 natural gravel material, compacted to 95% Mod AASHTO density	m ³	13		
	<u>WEED KILLERS, INSECTICIDES, ETC</u>				
	<u>Weedkiller</u>				
13	Treat road bed with approved weedkiller applied at a rate of 4g/m ² strictly in accordance with the manufacturer's instructions	m ²	131		
	<u>PRECAST PERMEABLE PAVING</u>				
	<u>Pre-cast 25 MPa strength concrete paving units laid on and including 25mm thick sand bedding in strict accordance with the manufacturers specifications</u>				
14	60mm Thick "Waterwise" (natural colour) block paving units size 239 x 209mm laid to 90° herringbone pattern	m ²	131		
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	<u>Cutting units to fit edge restraints:</u>				
15	Straight cutting.	m	116		
	<u>Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing</u>				
16	150 x 300mm High kerbs (SANS 927 fig 3) with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint, including excavation, backfilling, etc	m	49		
	<u>WATERPROOFING</u>				
	<u>Colour coded polyethylene sheeting complying with SABS 952, Type C in widest practicable widths with all joints lapped and sealed in accordance with the manufacturer's instructions</u>				
17	250 Micron black polyethylene waterproof laid loose on top of filling (elsewhere) under paving with pressure sensitive tape jointing	m ²	131		
Carried to Collection					R
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	<u>PAVING</u>				
	<u>EXCAVATIONS</u>				
	<u>Open face excavation in earth over sloping site</u>				
18	Reduced levels under paving	m ³	45		
	<u>Extra over excavations in earth for excavation in</u>				
19	Soft rock	m ³	14		
20	Hard rock	m ³	7		
	<u>Extra over all excavations for carting away</u>				
21	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	45		
	<u>Keeping excavations free of water</u>				
22	Keeping excavations free of water other than subterranean water			Item	
	<u>Compaction of surfaces</u>				
23	Compaction of ground surface under roads, pavings, etc., including scarifying for a depth of 150mm, breaking down oversize material compacting to 93% Mod AASHTO density	m ²	85		
24	Compaction of ground surface under roads, pavings, etc., including scarifying for a depth of 150mm, breaking down oversize material compacting to 93% Mod AASHTO density and stabilized with 4% cement	m ²	31		
	<u>LAYER WORK</u>				
	<u>Filling supplied by the contractor under paving areas, roadways, etc</u>				
25	Filling of G5 natural gravel material, compacted to 95% Mod AASHTO density	m ³	38		
	Carried to Collection			R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

<u>WEED KILLERS, INSECTICIDES, ETC</u>					
<u>Weedkiller</u>					
26	Treat road bed with approved weedkiller applied at a rate of 4g/m ² strictly in accordance with the manufacturer's instructions	m ²	292		
<u>TESTS</u>					
<u>Prescribed density tests on filling</u>					
27	"Modified AASHTO Density" test	No	30		
<u>NATURAL SLATE PAVING</u>					
<u>Natural slate flagstone paving bedded into mortar at a depth of 5 to 15mm in order to maintain a uniform flush surface finish. Joint between individual units to be no more than 10mm and to be filled with 3:1 sand-cement mortar</u>					
<u>Clean and re-use existing natural flagstone paving (elsewhere removed)</u>					
28	Paving to floors laid on and including 35mm thick 3:1 sand-cement mortar bed	m ²	157		
<u>20 to 30mm Natural slate paving bedded in 35mm sand - cement mortar bed</u>					
29	Paving to floors laid on and including 35mm thick 3:1 sand-cement mortar bed	m ²	50		
<u>Extra over paving for:</u>					
30	Straight cutting against walls, kerbs, etc.	m	190		
<u>PRECAST CONCRETE</u>					
<u>60mm Thick natural grey, interlocking paving (25 Mpa), type SA, laid to falls in strict accordance with SABS 1200MJ</u>					
31	60mm Interlock paving laid on and including 20mm river sand to stretcher bond pattern including vibrating and sweeping of paving with clean river sand	m ²	85		
Carried to Collection				R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	<u>Extra over paving for:</u>				
32	Straight cutting against walls, kerbs, etc.	m	58		
	<u>Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing</u>				
33	300 x 125 x 100mm High mountable kerb (fig C900) including excavation, backfilling, insitu concrete haunching, etc.	m	12		
	<u>UNREINFORCED CONCRETE</u>				
	<u>Cast in-situ 25 Mpa Class 25/19 concrete edge beam including excavations, haunching, bedding and joints as detailed on page S45</u>				
34	300 x 150mm Concrete edge beam	m	4		
	<u>WATERPROOFING</u>				
	<u>Colour coded polyethylene sheeting complying with SABS 952, Type C in widest practicable widths with all joints lapped and sealed in accordance with the manufacturer's instructions</u>				
35	250 Micron black polyethylene waterproof laid loose on top of filling (elsewhere) under paving with pressure sensitive tape jointing	m ²	292		
Carried to Collection					R
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

<u>STEPS AND RAMPS</u>					
<u>EARTHWORKS</u>					
<u>Excavation in earth not exceeding 2m deep</u>					
36	Surface trenches	m ³	5		
<u>Extra over trench and hole excavations in earth for excavation in</u>					
37	Soft rock	m ³	1		
38	Hard rock	m ³	1		
<u>Extra over all excavations for carting away</u>					
39	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	4		
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density and stabilized with 4% cement</u>					
40	Backfilling to trenches, holes, etc.	m ³	1		
<u>Earth filling supplied by the Contractor under ramps, etc.</u>					
41	Filling of G5 material under ramps and compacted to 95% Mod AASHTO density	m ³	2		
<u>Compaction of surfaces</u>					
42	Compaction of ground surface under roads, pavings, etc., including scarifying for a depth of 150mm, breaking down oversize material compacting to 93% Mod AASHTO density and stabilized with 4% cement	m ²	17		
<u>WEED KILLERS, INSECTICIDES, ETC</u>					
<u>Soil insecticide in accordance with SANS 5859</u>					
43	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	18		
44	To bottoms and sides of trenches, etc.	m ²	20		
Carried to Collection				R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	<u>Weedkiller</u>				
45	Treat road bed with approved weedkiller applied at a rate of 4g/m ² strictly in accordance with the manufacturer's instructions	m ²	10		
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>20Mpa concrete</u>				
46	Wall footings	m ³	2		
	<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>				
	<u>30MPa Concrete</u>				
47	Steps and ramps	m ³	3		
	<u>Finishing top surfaces of concrete smooth with a wood float</u>				
48	On ramps to falls	m ²	17		
	<u>MOVEMENT JOINTS, ETC.</u>				
	<u>Expansion joints with bitumen impregnated soft board</u>				
49	12mm Joints not exceeding 300mm high between wall and floor	m	17		
	<u>ROUGH FORMWORK</u>				
	<u>Rough formwork to sides</u>				
50	Formwork to sides, edges, etc. not exceeding 300mm high	m	26		
	<u>REINFORCEMENT</u>				
	<u>Fabric reinforcement</u>				
51	Type 193 fabric reinforcement in surface beds	m ²	17		
Carried to Collection				R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	<u>BRICKWORK</u>				
	<u>Brickwork in NFX bricks (14MPa nominal compressive strength) in class II mortar</u>				
52	One brick wall	m ²	6		
	<u>Brickwork reinforcement</u>				
53	150mm Wide reinforcement built in horizontally	m	33		
	<u>WATERPROOFING</u>				
	<u>Colour coded polyethylene sheeting complying with SABS 952, Type C in widest practicable widths with all joints lapped and sealed in accordance with the manufacturer's instructions</u>				
54	250 Micron green sheeting under surface beds	m ²	18		
	<u>GRANOLITHIC</u>				
	<u>Untinted granolithic of two parts 5mm granite stone, 1/2 part clean pit sand and 1 part cement</u>				
55	Average 25mm thick on floors	m ²	17		
	<u>EXTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork</u>				
56	On walls	m ²	11		
57	On walls in narrow widths	m ²	4		
	<u>PAINTWORK</u>				
	<u>Prepare and paint primer, one undercoat and two coats premium quality, extremely durable, washable and pure acrylic emulsion sheen paint</u>				
58	On walls	m ²	14		
	Carried to Collection			R	
	Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

<u>COVERED WALKWAYS AND VERANDAS</u>					
<u>EXCAVATIONS</u>					
<u>Excavation in earth not exceeding 2m deep</u>					
59	Bases	m ³	13		
60	Reduce levels under floors	m ³	21		
<u>Extra over trench and hole excavations in earth for excavation in</u>					
61	Soft rock	m ³	2		
62	Hard rock	m ³	2		
<u>Extra over all excavations for carting away</u>					
63	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	32		
<u>Risk of collapse of excavations</u>					
64	Sides of excavations not exceeding 1,5m deep	m ²	46		
<u>FILLING, ETC.</u>					
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density</u>					
65	Backfilling to trenches, holes, etc.	m ³	2		
<u>Earth filling (G5) supplied by the Contractor under floors, etc. compacted to 93% Mod AASHTO density</u>					
66	Under floors	m ³	21		
<u>Compaction of surfaces</u>					
67	Compaction of ground surface under floors, etc., including scarifying for a depth of 150mm, breaking down oversize material and compacting to 93% Mod AASHTO density	m ²	137		
Carried to Collection				R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	<u>WEED KILLERS, INSECTICIDES, ETC</u>				
	<u>Soil insecticide in accordance with SANS 5859</u>				
68	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	137		
69	To bottoms and sides of trenches, etc.	m ²	99		
	<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>10MPa concrete</u>				
70	Surface blinding under footings and bases	m ³	2		
	<u>20 MPa Concrete</u>				
71	Infill to columns	m ³	1		
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>30MPa Concrete</u>				
72	Column bases	m ³	8		
	<u>REINFORCED CONCRETE CAST IN/ON FORMWORK</u>				
	<u>30MPa Concrete</u>				
73	Surface beds cast in panels on waterproofing	m ³	15		
	<u>MOVEMENT JOINTS, ETC.</u>				
	<u>Expansion joints with bitumen impregnated soft board</u>				
74	12mm Joints not exceeding 300mm high between wall and floor	m	99		
	<u>Vertical construction joints through concrete including thick cement slurry to one face</u>				
75	Construction joint CJ1 in surface beds not exceeding 300mm thick as detailed on drawing S6	m	41		
	Carried to Collection			R	
	Section No. 2				
	Building works				
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	External works				
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	<u>Polysulphide sealant</u>				
76	Scratch out softboard and apply an approved polyethylene joint sealant to 12mm expansion joints strictly in accordance with the manufacturers recommendations	m	99		
	<u>ROUGH FORMWORK</u>				
	<u>Rough formwork to sides</u>				
77	Formwork to sides, edges, etc. not exceeding 300mm high	m	66		
	<u>REINFORCEMENT</u>				
	<u>High tensile steel reinforcement to structural concrete work</u>				
78	12mm Diameter bars in concrete columns	tonne	0.40		
	<u>Fabric reinforcement</u>				
79	Type 193 fabric reinforcement in surface beds	m ²	137		
80	Type 395 fabric reinforcement in column bases	m ²	19		
	<u>BRICKWORK IN FOUNDATIONS</u>				
	<u>Brickwork in NFX bricks (14MPa nominal compressive strength) in class II mortar</u>				
81	Piers in foundations	m ³	2		
	<u>BRICKWORK IN SUPERSTRUCTURE</u>				
	<u>Brickwork in NFP bricks in class II mortar</u>				
82	Piers	m ³	6		
	<u>DAMP PROOFING OF WALLS AND FLOORS</u>				
	<u>Colour coded polyethylene sheeting complying with SABS 952, Type C in widest practicable widths with all joints lapped and sealed in accordance with the manufacturer's instructions</u>				
83	250 Micron green sheeting under surface beds	m ²	174		
	Carried to Collection			R	
	Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

<u>ROOF COVERINGS</u>					
<u>0.58mm Corrugated Z275 spelter embossed galvanised troughed sheet steel with "Chromadek" finish on one side in single lengths fixed to timber/steel purlins or rails</u>					
84	Roof covering with pitches not exceeding 25 degrees	m ²	145		
<u>0.8mm Z275 spelter galvanised steel sheet accessories with "Chromadek" finish on one side to preceding roof covering</u>					
85	Valley gutters (inverted roll-top ridge capping) 550mm girth	m	3		
86	Head wall flashings 375mm girth	m	62		
87	Side wall flashings 408mm girth	m	18		
88	Cover flashings 185mm girth	m	80		
<u>EAVES, VERGES, ETC.</u>					
<u>Pressed fibre cement</u>					
89	15 x 225mm Fibre cement fascias and barge boards including galvanised steel H-profile jointing strips	m	75		
<u>STRUCTURAL STEEL</u>					
<u>The following in welded covered walkways</u>					
90	75 x 50 x 20 x 2,5mm Lipped channel purlins (3.85kg/m)	kg	721		
91	150 x 50 x 20 x 3mm Lipped channel beam (6.3kg/m)	kg	402		
92	75 x 50 x 6mm Angle iron cleat (5.65kg/m)	kg	106		
93	M12 Bolt with nut and washer	kg	13		
94	120 x 120 x 6mm Thick base plate	No	27		
95	20 x 6mm Flat bar fish tail lugs x 150mm long welded to base plate and cast into concrete	No	54		
96	M16 Chemical anchors grade 8.8 x 175mm long (Sika Anchorfix S epoxy adhesive to be used as per manufacturers specification to fix chemical anchor bolts to existing brick wall)	No	112		
Carried to Collection				R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

<u>YARD GATES</u>					
<u>REMOVAL OF EXISTING</u>					
105	Single yard gate with and including two gate posts with concrete bases	No	1		
<u>METALWORK</u>					
<u>The following in welded mild steel gates</u>					
106	50 x 50 x 5mm Woven diamond wire mesh	m ²	2		
107	50 x 3mm Hollow section frame (3.55kg/m)	kg	18		
108	Extra over 50 x 3mm hollow section for mitred L-intersection	No	4		
109	20 x 100mm Galvanised steel bullet hinge	No	2		
110	100 x 3mm Hollow section post overall x 1800m long with pyramid shaped cap finished with red oxide primer and planted 600mm deep in concrete base (elsewhere measured)	No	2		
111	400 x 400 x 500mm Deep concrete 15MPa base for post including excavations, carting away, risk of collapse, etc.	No	2		
112	200mm Galvanised mild steel pad bolt with 12mm diameter sliding shoot suitable for 50mm padlock	No	1		
113	50mm Brass padlock with stainless steel shackle	No	1		
<u>PAINTWORK</u>					
<u>Prepare and paint one coat bituminous aluminium paint on:</u>					
114	On wire mesh gates (both sides measured on flat)	m ²	3		
115	On steel posts not exceeding 300mm girth.	m	4		
Carried to Collection				R	
Section No. 2 Building works Bill No. 18 External works Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>BILL NO. 19</u>				
<u>PROVISIONAL SUMS</u>				
<u>General</u>				
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				
Prime cost amounts and provisional sums are net. Prime cost amounts shall include for delivery to site of all articles concerned				
Provisional sums are for material and equipment supplied and installed complete by firms of specialists				
<u>Profit</u>				
Where stated, the contractor may allow for profit if required				
<u>General attendance on nominated/selected subcontractors</u>				
The item "attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors the contractor's duties as described in clause 12.2 of the JBCC N/S Subcontract Agreement				
<u>Special attendance on nominated/selected subcontractors</u>				
Where "special attendance" such as unloading, storing, placing in position, providing special power supplies, specific hoisting, craneage and scaffolding requirements, provision of temporary casing and/or other specific protection of the works, special security and clearing away rubbish is required, a separate item describing the specific requirements in detail is to be provided for the pricing of such requirements				
Carried to Collection				R
Section No. 2 Building works Bill No. 19 Provisional sums Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

<u>Builder's work</u> Builder's work in connection with specialist services is given elsewhere in these bills of quantities <u>PROVISIONAL SUMS FOR NOMINATED/SELECTED SUBCONTRACT WORKS</u> <u>Landscaping</u>						
1	Allow the provisional sum of R15 000.00 (Fifteen Thousand) for landscaping	Item			15 000.00	
2	Profit			%		
3	Attendance			%		
<u>Occupational Health and Safety Consultant</u>						
4	Allow the provisional sum of R90 000.00 (Ninety Thousand) for the appointment of an Occupational Health and Safety Consultant (client representative)	Item			90 000.00	
5	Profit			%		
6	Attendance			%		
<u>EMPLOYMENT AND TRAINING OF YOUTH WORKERS ON THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP) INFRASTRUCTURE PROJECTS: NATIONAL YOUTH SERVICE (NYS)</u>						
<u>Skills development and technical training for youth workers</u>						
7	Allow the amount of R210 000.00 (Two Hundred and Ten Thousand) for skills development and technical training for youth workers for a period of 50 days per youth worker	Item			210 000.00	
8	Profit			%		
9	Attendance			%		
Carried to Collection					R	
Section No. 2 Building works Bill No. 19 Provisional sums Griekwastad: Rehabilitation of Old SAPS Canteen to Offices						

	<u>Employment of youth workers</u>				
10	Allow the amount of R345 576.00 (Three Hundred and Forty Five Thousand Five Hundred and Seventy Six) for the employment of twelve youth workers		Item		345 576.00
11	Profit			%	
12	Attendance			%	
	<u>EPWP designed overalls and hard hats as well as safety boots</u>				
13	Allow the amount of R12 000.00 (Twelve Thousand) for the supply of 12 EPWP branded overalls, 12 EPWP branded hard hats and 12 pairs of safety boots		Item		12 000.00
14	Profit			%	
15	Attendance			%	
	<u>Tool boxes</u>				
16	Allow the amount of R16 200.00 (Sixteen Thousand Two Hundred) for the purchase of 12 toolboxes. One (1) toolbox for each youth worker with the prescribed tools for their respective trades		Item		16 200.00
17	Profit			%	
18	Attendance			%	
	<u>Medical fitness test for youth workers</u>				
19	Allow the amount of R6 600.00 (Six Thousand Six Hundred) for medical fitness test for the learners before coming to site. (allowed R520,00 / youth worker)		Item		6 600.00
20	Profit			%	
21	Attendance			%	
	Carried to Collection			R	
	Section No. 2 Building works Bill No. 19 Provisional sums Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

	<p>Section No. 2</p> <p>Bill No. 19</p> <p>Provisional sums</p> <p><u>COLLECTION</u></p> <p>Total Brought Forward from Page No.</p>		<p><u>Page</u> <u>No.</u></p> <p>138</p> <p>139</p> <p>140</p>		<p><u>Amount</u></p>
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 19</p> <p>Provisional sums</p> <p>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>			<p>R</p>	

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>BILL NO. 1</u>				
<u>GENERAL ITEMS</u>				
<u>Requirements for the electrical contractor / sub-contractor</u>				
All electrical installations shall be done by a qualified electrician with the following qualifications and registrations:				
1. Registration at the National Bargaining Council for the Electrical Industry of South Africa (N.B.C.E.I)				
2. Registration at the Department of Labour as an Electrical Contractor in terms of the Occupational Health and Safety Act. 1993, Electrical installation Regulation No. 6 (4)				
3. Shall have an Electrician's Wireman's Licence as issued by the Department of Labour. The intended electrician must be registered for three-phase type works				
4. Shall have a designated personnel member's training and certification to work on Medium Voltage networks up to 22kV as per ORHVS Regulations				
<u>Specifications, drawings, etc</u>				
Tenderers are referred to the specification and drawings annexed to these bills of quantities for the electrical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specification and drawings				
<u>GENERAL ITEMS</u>				
1	Operation manuals as per specification	Item		
2	12 Month guarantee on the installation	Item		
3	As-build drawings for the building as per specification	Item		
4	Allow for training to the client in the operation of all plants, if necessary	Item		
Carried Forward to Summary of Section No. 3			R	
Section No. 3				
Electrical installation				
Bill No. 1				
General items				
Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

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<u>CABLE ENDS</u>					
<u>Making off ends of 600/1000V PVC SWA cables onto switchgear and busbars, including all necessary cable end material, glands and cable clamps, through joints etc., as needed.</u>					
<u>50 mm² 4-Core</u>					
9	Supply	No	2		
10	Install	No	2		
<u>70 mm² 4-Core</u>					
11	Supply	No	4		
12	Install	No	4		
<u>16 mm² 4-Core</u>					
13	Supply	No	6		
14	Install	No	6		
<u>10 mm² 3-Core</u>					
15	Supply	No	6		
16	Install	No	6		
<u>EARTH CONDUCTOR</u>					
<u>Supply and install bare copper earth in trenches, sleeves and cable racks as shown on the drawings, complete with all connections</u>					
<u>35 mm²</u>					
17	Supply	m	155		
18	Install	m	155		
<u>10 mm²</u>					
19	Supply	m	150		
20	Install	m	150		
Carried to Collection				R	
Section No. 3 Electrical installation Bill No. 2 Low voltage supply Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

[illegible]

21	Supply
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m	150
---	-----

22 | Install

m	150
---	-----

EXCAVATIONS, ETC.

Excavation of trenches, 800mm deep by 1000mm wide, backfilling and compacting as specified, complete.

Excavate in earth and set excavated material aside for re-use as filling for:

23	Cable or sleeve trenches not exceeding 1m deep
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m ³	236
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24	Extra over excavations in 'earth' for cable or sleeve trenches in 'soft rock'
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m ³	70
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25	Extra over excavations in 'earth' for cable or sleeve trenches in 'hard rock'
----	---

m^3	40
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26	Surplus material from the excavations spread and levelled over the site as directed
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m^3	12
-------	----

27	Selected and approved material from the excavations, in backfilling in trenches, to specified density
----	---

m^3	8
-------	---

Selected and approved bedding material (Red or River sand)

28 Supply

m^3	40
-------	----

29 | Install and compact as per drawing

m^3	40
-------	----

PVC DANGER TAPE

Supply and installation of cable tape as specified,
300mm wide

30 Supply

m	350
---	-----

31 Install

m	350
---	-----

Carried to Collection

R

Section No. 3
Electrical installation
Bill No. 2
Low voltage supply

Griekwastad: Rehabilitation of Old SAPS Canteen to Offices

<u>CABLE MARKERS</u>					
<u>Supply and install cable markers as specified</u>					
32	Supply	No	6		
33	Install	No	6		
<u>PVC SLEEVES</u>					
<u>Unplasticised polyvinyl chloride (UPVC) sleeve piping including short lengths, jointing and sealing, laid in trench (trench backfilling measured elsewhere)</u>					
<u>110mm Diameter pipe</u>					
34	Supply, complete with 2mm draw-wire	m	40		
35	Install, complete with sealing	m	40		
<u>50mm Diameter pipe</u>					
36	Supply, complete with 2mm draw-wire	m	15		
37	Install, complete with sealing	m	15		
<u>25mm Diameter pipe</u>					
38	Supply, complete with 2mm draw-wire	m	10		
39	Install, complete with sealing	m	10		
<u>Manholes complete as described and detailed on engineers drawings</u>					
40	Supply and install manhole	No	1		
Carried to Collection				R	
Section No. 3 Electrical installation Bill No. 2 Low voltage supply Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

<u>CABLE TRAYS AND CHANNELS</u>					
<p>Note: Contractor to investigate the current state of the installation and come up with a practical solution to re-use and relocate existing trays for cable reticulation. The contractor shall submit a method statement with time frames how works will be carried out for approval by engineer.</p> <p>Note: No material or equipment for this section must be ordered or purchased without a instruction and approval of method statement submitted to the engineer.</p> <p><u>Cable racks and channels complete with all bends, junctions, hangers, brackets and necessary fittings</u></p>					
<u>150mm Cable tray</u>					
41	Supply	m	150		
42	Install in ceiling void	m	150		
<u>300mm Cable tray</u>					
43	Supply	m	5		
44	Install in ceiling void	m	5		
<u>450mm Cable tray</u>					
45	Supply	m	5		
46	Install in ceiling void	m	5		
<u>P9000 cable channel</u>					
47	Supply	m	200		
48	Install in ceiling void	m	200		
<u>200mm Wire mesh cable tray</u>					
49	Supply	m	200		
50	Install in ceiling void	m	200		
Carried to Collection				R	
Section No. 3 Electrical installation Bill No. 2 Low voltage supply Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

[illegible]

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>BILL NO. 3</u>				
	<u>DISTRIBUTION BOARDS</u>				
	All supplementary preambles in preceding bills shall apply equally to items in this bill				
	<u>PRIME COST AMOUNTS</u>				
	<u>Distribution boards with sheet metal tray, frames, sub-frames, busbars, provision for future circuit breakers, legend card, circuit breakers, fuses, relay, volt-meter, ammeter, transformer, earth leakage unit, time switch, etc complete as specified and detailed on drawings</u>				
	<u>DB 1</u>				
1	Provide the prime cost amount of R41 000.00 (Forty One Thousand) for supplying DB 1		Item		41 000.00
2	Allow for taking delivery, storing and installation of DB 1		Item		
3	Profit on DB1		Item		
	<u>DB 2</u>				
4	Provide the prime cost amount of R41 000.00 (Forty One Thousand) for supplying DB 2		Item		41 000.00
5	Allow for taking delivery, storing and installation of DB 2		Item		
6	Profit on DB2		Item		
	<u>DB M</u>				
7	Provide the prime cost amount of R60 000.00 (Sixty Thousand) for supplying DB M		Item		60 000.00
8	Allow for taking delivery, storing and installation of DB M		Item		
9	Profit on DB M		Item		
	Carried to Collection			R	
	Section No. 3 Electrical installation Bill No. 3 Distribution boards Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

	<u>Municipal Marshalling kiosk</u>				
10	Provide the prime cost amount of R50 000.00 (Fifty Thousand) for supplying the ESKOM Marshalling kiosk	Item		50 000,00	
11	Allow for taking delivery, storing and installation of the Municipal Marshalling kiosk	Item			
12	Profit on the Municipal Marshalling kiosk	Item			
	<u>PROVISIONAL SUMS</u>				
	All provisional sums cover supply of material, equipment and installation. Provisional sums are nett and do not include builder's discount (excluding settlement discount) and Value Added Tax but the tenderer may allow under "profit" items any profit he considers necessary				
	The tenderer is referred to Clause 18 of the "Agreement and Schedule of Conditions of Building Sub-Contract, Nominated Sub-Contract" and clause 15 of "Additional General Conditions of Contract" in the Preliminaries section for the definitions and adjustment of "Attendance"				
	<u>315kVA Municipal connection fee</u>				
13	Allow the provisional sum of R35 000.00 (Thirty Five Thousand) for the 315kVA municipal connection fee	Item		35 000,00	
14	Profit	Item			
15	Attendance	Item			
	<u>SUNDRIES</u>				
16	Marking/labelling of individual switch socket outlets, switches and isolators complete as per drawings	Item			
17	Marking/labelling of individual main supply cables complete as per drawings	Item			
18	Testing , commissioning and issuing COC's for all Distribution (New) boards complete	Item			
	Carried to Collection			R	
	Section No. 3 Electrical installation Bill No. 3 Distribution boards Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

	<p>Section No. 3</p> <p>Bill No. 3</p> <p>Distribution boards</p> <p><u>COLLECTION</u></p> <p>Total Brought Forward from Page No.</p>		<p><u>Page</u> <u>No.</u></p> <p>151</p> <p>152</p>		<p><u>Amount</u></p>
	<p>Carried Forward to Summary of Section No. 3</p> <p>Section No. 3</p> <p>Electrical installation</p> <p>Bill No. 3</p> <p>Distribution boards</p> <p>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>			<p>R</p>	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>BILL NO. 4</u>				
	<u>ELECTRICAL INSTALLATION</u>				
	All supplementary preambles in preceding bills shall apply equally to items in this bill				
	<u>LUMINARIES</u>				
	<u>The supply and installation of luminaries complete with lamps , control gear and 5Amp unswitched socket as specified, and approved by the Engineer, before ordering.</u>				
	<u>(CROUS ,BEKA or similar and approved)</u>				
	<u>LED 600x600 4000K 40W, Panel Lights</u>				
1	Supply	No	15		
2	Install	No	15		
	<u>10w LED 4000K 24°LQ LED Down light</u>				
3	Supply	No	34		
4	Install	No	34		
	<u>LED 1200x600 4000K 40W, Panel Lights</u>				
5	Supply	No	55		
6	Install	No	55		
	<u>15W external wall mounted fitting</u>				
7	Supply	No	46		
8	Install	No	46		
	<u>EMERGENCY ESCAPE SIGN</u>				
9	Supply	No	5		
10	Install	No	5		
	Carried to Collection			R	
	Section No. 3				
	Electrical installation				
	Bill No. 4				
	Electrical installation				
	Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

POWER SKIRTING

Note:

The rates for power skirting shall include for
splices, joining, drilling, etc

2-Channel steel white powder coated power skirting complete with cover plates, bends, end caps, conduit from wall box to wiring channel, supports etc., as per details. No cutting of the skirting to provide bends will be permitted.

11	Supply
----	--------

m

75

12	Install as per drawings
----	-------------------------

m

75

1-Channel steel white powder coated power skirting complete with cover plates, bends, end caps, conduit from wall box to wiring channel, supports etc., as per details. No cutting of the skirting to provide bends will be permitted.

13	Supply
----	--------

m

5

14	Install as per drawings
----	-------------------------

m

5

LIGHT SWITCHES, SWITCHED SOCKET
OUTLETS, ETC.

NOTE: ALL CONDUIT AND CONDUIT ACCESSORIES WILL BE OF THE PVC TYPE, AND BOXES CAST INTO CONCRETE SLABS, WILL BE OF THE MALLEABLE TYPE, AS PER SPECIFICATION.

Light points

Carried to Collection

R

Section No. 3

Electrical installation

Bill No. 4

Electrical installation

Griekwastad: Rehabilitation of Old SAPS Canteen to Offices

	<p><u>Supply and install conduit, outlet boxes, draw boxes, expansion joint boxes, new wiring, etc. as shown on the drawings and on the schematic layout of the distribution boards, but excluding the light switch.</u></p> <p><u>Wall/CEILING mounted light point for recessed fitting, complete with 5Amp unswitched socket outlet, connected to duct.</u></p> <p><u>Wired with 1,5mm² conductor and 2,5mm² earth conductor.</u></p>				
15	<p>New light point</p> <p><u>Light switches</u></p> <p><u>Supply light switches with white steel covers and screws complete, but excluding the conduit, wall box and wiring. (CRABTREE Diamond range or similar and approved)</u></p>	No	150		
16	1 Lever - 1 Way	No	27		
17	1 Lever - 2 Way	No	2		
18	<p>Occupancy Sensor (Single-Load 360° PIR); Load type <= 900 VA ; Presence detection area PIR: 360°, 7 x 7 m</p> <p><u>Install complete with connections, but excluding conduit and wires</u></p>	No	9		
19	1 Lever - 1 Way	No	27		
20	1 Lever - 2 Way	No	2		
21	<p>Occupancy Sensor (Single-Load 360° PIR); Load type <= 900 VA ; Presence detection area PIR: 360°, 7 x 7 m</p> <p><u>Switch Socket Outlets:</u></p> <p><u>Supply and install new wiring, conduit, wall boxes, ceiling boxes, draw boxes, expansion boxes, draw wire, etc. as shown on the drawings and on the schematic layout of the distribution boards, but excluding the socket switch. (CRABTREE Diamond range or similar and approved)</u></p>	No	9		
Carried to Collection					
<p>Section No. 3 Electrical installation Bill No. 4 Electrical installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>				R	

	<u>Switch socket</u>				
	<u>Supply & Install switch socket, complete with PVC covers, screws, clips and PLUG TOP for each type of S.S.O., but excluding wall box, conduit and wiring. (CRABTREE Diamond range or similar and approved)</u>				
30	Normal type wall / in ceiling mounted - 3pin single outlet	No	1		
31	Normal type wall mounted - 3pin double outlet	No	1		
32	Normal type wall mounted - 2 pin euro plug	No	1		
33	Standby type wall / in ceiling mounted - 3pin single outlet	No	22		
34	Standby type in power skirting - 3pin single outlet	No	27		
35	Standby type in power skirting - 2 pin euro plug	No	27		
36	UPS type in power skirting - 3pin outlet	No	27		
37	UPS type in power skirting - 2 pin euro plug	No	27		
	<u>Floor box as per Engineers drawing complete with S.S.O outlets, cover cradles, RJ45 data outlets, VGA connector& HDMI connector</u>				
38	Supply	No	3		
39	Install	No	3		
	<u>Isolator points</u>				
	<u>Supply and install isolators, conduit, wiring outlet boxes, draw boxes, expansion joint boxes, etc.</u>				
	<u>Note:</u> <u>REFER TO POSITIONS OF HVAC EQUIPMENT ON MECHANICAL LAYOUTS</u>				
	<u>Power Points supplied from Distribution Boards</u>				
40	Hydro boil in kitchen area	No	2		
Carried to Collection					R
Section No. 3 Electrical installation Bill No. 4 Electrical installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	New air-conditioner unit (Isolator position @ outdoor unit fed from applicable DB)				
	<u>REFER TO POSITIONS OF HVAC EQUIPMENT ON MECHANICAL LAYOUTS AND ELECTRICAL LOADS OF MACHINES</u>				
41	ODU1	No	1		
42	ODU2	No	1		
43	ODU3	No	1		
44	ODU 4	No	1		
45	ODU5	No	1		
46	ODU6	No	1		
47	ODU7	No	1		
48	ODU8	No	1		
49	ODU9	No	1		
50	ODU10	No	1		
51	ODU11	No	1		
52	ODU12	No	1		
53	ODU13	No	1		
54	ODU14	No	1		
55	ODU15	No	1		
56	ODU16	No	1		
57	ODU17	No	1		
58	EF1 - 20A, single phase	No	1		
59	EF2 - 10A, single phase	No	1		
60	EF3 - 10A, single phase	No	1		
61	EF4 - 10A, single phase	No	1		
	Carried to Collection				R
	Section No. 3 Electrical installation Bill No. 4 Electrical installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

<u>OUTLET POINTS</u>					
<u>HVAC</u>					
<u>Supply and install conduit, outlet boxes, draw wire, draw boxes, expansion joint boxes, etc : for HVAC equipment in ceiling void to position of wired remote& stop/start switch as indicated on the drawings complete</u>					
62	Outlet point in wall for HVAC equipment remote, complete with round outlet box flush mounted in wall and 20mmø PVC conduit from ac indoor unit as per engineers drawings	No	17		
<u>DATA</u>					
<u>Supply and install conduit, outlet boxes, draw wire, draw boxes, expansion joint boxes, etc : from DATA wiring channel in ceiling void to position of data outlet box behind power skirting as indicated on the drawings complete</u>					
<u>REFER TO POSITIONS OF DATA POINTS ON ELECTRONIC INSTALLATION LAYOUTS</u>					
63	Outlet point in wall for data point, complete with 2x4 outlet box flush mounted in wall and 25mmø PVC conduit from data wiring channel as per engineers drawings	No	21		
<u>TELEPHONE</u>					
<u>Supply and install conduit, outlet boxes, draw wire, draw boxes, expansion joint boxes, etc : from TELEPHONE wiring channel in ceiling void to position of telephone outlet box behind power skirting or head board as indicated on the drawings complete.</u>					
<u>REFER TO POSITIONS OF TELEPHONE POINTS ON ELECTRONIC INSTALLATION LAYOUTS</u>					
64	Outlet point for telephone point, complete with 2x4 outlet box flush mounted in wall or floor and 25mmø PVC conduit from data wiring channel as per engineers drawings	No	21		
Carried to Collection				R	
Section No. 3 Electrical installation Bill No. 4 Electrical installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	<u>DATA & TELKOM CABINETS</u>				
	<u>Supply and install conduit, outlet boxes, draw wire, draw boxes, expansion joint boxes, etc : from electronics wire tray to position of cabinets on the drawings complete.</u>				
65	Outlet point for cabinet complete with 2x4 box and 25mmø PVC conduit from electronic wiring channel + 10m 1channel power skirting as per engineers drawings	No	2		
66	Connect electrical equipment supplied by others, complete to their specifications, power point drawings and distribution schematic to assist with testing and commissioning to Engineers requirements.	No	10		
	<u>TESTING AND COMMISSIONING</u>				
67	Testing and commissioning of the complete electrical installation complete in working order, to SANS 10142, as revised		Item		
	<u>ELECTRICAL INSTALLATION : UPS INSTALLATION</u>				
	<u>20kVA UPS , double conversion ,true on-line with 30 min battery backup at full load.</u>				
	<u>Note:</u> <u>Batteries shall be maintenance free and shall have a 5 year warranty.</u> <u>Batteries shall be integrated in the separate battery cabinet.</u>				
68	Supply including delivery in Griekwastad complete	No	1		
69	Install complete	No	1		
70	Commissioning of the unit complete		Item		
	<u>ELECTRICAL INSTALLATION: STANDALONE ACCESS CONTROL INSTALLATION: SERVER ROOM DOOR</u>				
71	Supply and install keypad reader including power supply		Item		
72	Supply and install magnetic lock and door closer		Item		
73	Supply and install wiring required for the access control door (CAT 6A UTP)	m	20		
	Carried to Collection			R	
	Section No. 3 Electrical installation Bill No. 4 Electrical installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>BILL NO. 5</u>				
	<u>315 kVA, 22KV TO 400V MINI-SUBSTATION AND 22kVMV CABLING</u>				
	All supplementary preambles in preceding bills shall apply equally to items in this bill				
	<u>MV CABLING INSTALLATION</u>				
	<u>Supply, install, terminate and connect XLPE MV cable and BCEC as specified:</u>				
1	Armored 22KV, 35mm ² x 3 core Cu, SANS 97, Table 20	m	315		
2	MV cable termination, outdoor at mini-substation unit for 35mm ² XLPE 3 core cable	No	2		
3	Supply & install 70mm ² BCEC	m	320		
4	BCEC termination at mini-substation	No	2		
	<u>OVERHEAD LINE TIE-IN CONNECTION</u>				
5	Supply and install a 7 meter 180mm diameter wooden pole structure ,MV fuse/cut-out assembly, FOX bill down conductor, conductor clamps ,10 A fuses ,steel 50mm ² kicker pole as per Engineering drawing (33150,00-411-01)		Item		
	<u>Mini-substation installation:Supply and installation of a Type B miniature substation complete with Vacuum Ring Main Unit (2 way, CV), low voltage mccb's and Maximum Demand digital meter and labelling as specified:</u>				
6	Supply 315 KVA , 22Kv to 420V Transformer as per Eskom specification (step-down) as by ACTOM or Powertech or similar approved	No	1		
7	Supply 315 KVA , 22Kv to 420V Transformer as per Eskom specification (step-down) as by ACTOM or Powertech or similar approved	No	1		
8	<u>Earthing of mini-substation as per Engineers drawing (33150-352-01)</u>	No	3		
	Carried to Collection			R	
	Section No. 3 Electrical installation Bill No. 5 315kVA, 22KV Transformer and MV cabling Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

9	<p>Supply and install 25 MPa Precast concrete foundation as per manufactures details</p>		Item		
	<p>Carried to Collection</p>			R	
	<p>Section No. 3 Electrical installation Bill No. 5 315kVA, 22KV Transformer and MV cabling Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>				

	<p>Section No. 3</p> <p>Bill No. 5</p> <p>315kVA, 22KV Transformer and MV cabling</p> <p><u>COLLECTION</u></p> <p>Total Brought Forward from Page No.</p>		<p><u>Page</u> <u>No.</u></p> <p>163</p> <p>164</p>		<p><u>Amount</u></p>
	<p>Carried Forward to Summary of Section No. 3</p> <p>Section No. 3</p> <p>Electrical installation</p> <p>Bill No. 5</p> <p>315kVA, 22KV Transformer and MV cabling</p> <p>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>			<p>R</p>	

<u>Bill No</u>	<u>SECTION SUMMARY - Electrical installation</u>	<u>Page No.</u>		<u>Amount</u>
1	General items	143		
2	Low voltage supply	150		
3	Distribution boards	153		
4	Electrical installation	162		
5	315kVA, 22KV Transformer and MV cabling	165		
<p style="text-align: center;">Carried to Final Summary</p> <p>Section No. 3 Electrical installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>		R		

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>BILL NO. 1</u>				
<u>GENERAL ITEMS</u>				
<u>Specifications, drawings, etc</u>				
Tenderers are referred to the specification and drawings annexed to these bills of quantities for the mechanical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specification and drawings				
<u>GENERAL ITEMS</u>				
1		Item		
2		Item		
3		Item		
4		Item		
Carried Forward to Summary of Section No. 4				R
Section No. 4 Mechanical installation Bill No. 1 General items				
Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	BILL NO. 2				
	<u>AIR-CONDITIONING INSTALLATION</u>				
	<u>Supply, deliver and install the following split type DC inverter R410 air conditioning systems. The systems are to be inverter heat pump complete with condenser units with coils and fans, evaporator units with coils and fans, refrigeration circuits, wired remote controls, temperature sensors and all necessary accessories. The systems are to be installed as indicated on drawings. (Carrier or LG or similar and approved)</u>				
1	AC 1 Midwall unit. Cooling capacity: 3.74 kW Heating capacity: 4.40 kW Airflow: 167 l/s Complete with condensate drain piping, galvanized uni-strut mounting brackets and necessary accessories.	No	1		
2	AC 2 Ceiling cassette unit. Cooling capacity: 13.80 kW Heating capacity: 15.40 kW Airflow: 500 l/s Complete with condensate drain piping, galvanized uni-strut mounting brackets and necessary accessories.	No	1		
3	Apply anti-corrosion treatment on all the condenser coils (Bluchem or equally approved). Certificate of treatment to be submitted to the design engineer.	No	2		
	<u>Supply and install seamless high pressure refrigeration grade copper pipework complete with fittings, refrigerant formed joints and headers, tees, fixings, supports and insulation all in cable tray for the following external diameter (OD) sizes.</u>				
4	6.35/9.52 (Liquid/Gas)	m	10		
5	9.52/19.05 (Liquid/Gas)	m	20		
	Carried to Collection			R	
	Section No. 4 Mechanical installation Bill No. 2 Air-conditioning installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

	<u>Supply and install solvent welded uPVC condensate drain pipework as scheduled and specified complete with 100mm deep P-trap all necessary hangers, supports, fixings and fittings. Outside diameter to be as follows:</u>				
6	ND 25	m	20		
	<u>Sundries</u>				
7	Supply and install galvanised trunking P9000 to cover all exposed refrigeration piping with accessories as specified. Galvanised trunking to be painted same colour as the exterior of the building.	m	10		
8	Supply and install 150mm wide cable tray to mount refrigeration piping	m	10		
9	Supply and install control cabling between condensing units and indoor units	No	2		
10	Supply and install wired wall mounted remote controller with temperature display, temperature set point, 3 fan speeds, heat/cool mode and ON/OFF functions.	No	1		
11	Supply and install wireless remote controller with temperature display, temperature set point, 3 fan speeds, heat/cool mode and ON/OFF functions complete with wall mounting bracket.	No	1		
12	Supply, install and connect the cable from electrical isolator to condensing unit (1.5m per outdoor unit)	No	2		
13	Supply and install 3 core PVC flexible electrical cable with plug (1.5m indoor unit)	No	2		
14	Flushing and pressure testing of refrigeration piping	No	2		
15	Equipment labelling as per SABS		Item		
16	Testing, commissioning and issuing of a COC		Item		
17	Supply and install silent tube extractor fan with minimum airflow of 300l/s (AMS TD range or similar approved)		Item		
18	Supply and install galvanised ducting (0.6mm thick)	m ³	30		
19	Supply and install flex ducting (150mm diameter)	m	20		
Carried to Collection				R	
Section No. 4 Mechanical installation Bill No. 2 Air-conditioning installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

20	Supply and install disc valve (160mm diameter)	No	6
21	Supply and install wall mounted (decorative type) extractor fan with minimum of airflow 30l/s complete with aluminium weather louvre (200 x 200mm)	No	3
22	Supply and install aluminium door grill (150 x 150mm)	No	5
23	Supply and install aluminium door grill (300 x 300mm)	No	2
24	Supply and install aluminium weather louvre (300 x 300mm)	No	1
Carried to Collection			
Section No. 4 Mechanical installation Bill No. 2 Air-conditioning installation Griekwastad: Rehabilitation of Old SAPS Canteen to Offices			

	<p>Section No. 4</p> <p>Bill No. 2</p> <p>Air-conditioning installation</p> <p><u>COLLECTION</u></p> <p>Total Brought Forward from Page No.</p>		<p><u>Page</u> <u>No.</u></p> <p>168</p> <p>169</p> <p>170</p>		<p><u>Amount</u></p>
	<p>Carried Forward to Summary of Section No. 4</p> <p>Section No. 4</p> <p>Mechanical installation</p> <p>Bill No. 2</p> <p>Air-conditioning installation</p> <p>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</p>			<p>R</p>	

<u>Bill No</u>	<u>SECTION SUMMARY - Mechanical installation</u>		<u>Page No.</u>		<u>Amount</u>
1	General items		167		
2	Air-conditioning installation		171		
				R	

Carried to Final Summary

Section No. 4

Mechanical installation

Griekwastad: Rehabilitation of Old SAPS Canteen to Offices

<u>Section No</u>	<u>FINAL SUMMARY</u>	<u>Page No.</u>	<u>Amount</u>	
1	Preliminaries	32		
2	Building works	142		
3	Electrical installation	166		
4	Mechanical installation	172		
	Sub Total	R		
	Add: Value Added Tax (15%)	R		
TOTAL CARRIED TO FORM OF OFFER AND ACCEPTANCE		R		
Griekwastad: Rehabilitation of Old SAPS Canteen to Offices				

T2.2 Returnable Documents required for tender evaluation purposes



PA-11: BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest (1) in the enterprise, employed by the state?

YES / NO

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

(1) the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.



- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?

YES / NO

- 2.2.1 If so, furnish particulars:

.....
.....

- 2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES / NO

- 2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

I, the undersigned, (name).....
in submitting the accompanying bid, do hereby make the following statements that I
certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.



- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

This form has been aligned with SBD4



PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid / Tender to the Department of Public Works in respect of the following project:

(Project description as per Bid / Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

2. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

	Name	Capacity	Signature
1			
2			
3			
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7			
8			
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12			
13			
14			
15			
16			



17			
18			
19			
20			

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must, where possible, be signed by *all* the Directors / Members / Partners of the Bidding Enterprise.
3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

PA-15.2: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

2. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

3. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

_____ (code)



Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
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10			
11			
12			
13			
14			
15			

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below: *(legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ (place)

on _____ (date)

RESOLVED that:

RESOLVED that:

- A. The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ *(Bid / Tender Number as per Bid /Tender Document)*

PA-15.3: Special Resolution of Consortia or Joint Ventures

B. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.

C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.

F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

_____ (Postal code) _____

Postal Address: _____

_____ (Postal code) _____

Telephone number: _____

Fax number: _____



PA-15.3: Special Resolution of Consortia or Joint Ventures

	Name	Capacity	Signature
1			
2			
3			
4			
5			
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12			
13			
14			
15			

The bidding enterprise hereby absolves the Department of Public Works & Infrastructure from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must be signed by all the Duly Authorised Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution PA-15.2.
3. Should the number of the Duly Authorised Representatives of the Legal Entities joining forces in this tender exceed the space available above, additional names, capacity and signatures must be supplied on a separate page.
4. Resolution PA-15.2, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (PA-15.3).



DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender / Quotation no:	KIM 08/2024	Reference no:	19/2/4/2/2/2316/23
Closing date:	15 November 2024		

This is to certify that I, _____ representing

_____ in the capacity of

_____ visited the site on: **6 November**
2024

I have made myself familiar with all local conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the site inspection meeting and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

Name of Tenderer	Signature	Date

Name of DPW Representative	Signature	Date



PA-16: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 Preference Points System to be applied

(tick whichever is applicable).

- ☐ The applicable preference point system for this tender is the **80/20** preference point system.
- ☐ The applicable preference point system for this tender is the **90/10** preference point system.
- ☐ Either the **90/10 or 80/20** preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender shall be awarded for:

1.3.1 Price; and

1.3.2 Specific Goals

1.4 The maximum points for this tender are allocated as follows:

CHOOSE APPLICABLE PREFERENCE POINT SCORING SYSTEM	<input type="checkbox"/> 80/20	<input type="checkbox"/> 90/10
PRICE	80	90
SPECIFIC GOALS	20	10
Total points for Price and Specific Goals	100	100

1.5 Breakdown Allocation of Specific Goals Points

- ☐ **1.5.1. For procurement transaction with rand value greater than R2 000, 00 and up to R1 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 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 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> <ul style="list-style-type: none"> National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
5.	An EME or QSE 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.



1.5.2. 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 2 below are applicable.

Table 2

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 or any entity 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	<p>Or</p> <ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. 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> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>
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.

1.5.3. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 3 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 3

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. <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> <p>National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).</p>
	OR		
5. <input 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).

- 1.6 Failure on the part of the tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals, if the service provider/ tenderer did not submit proof or documentation required to claim for specific goals will be interpreted to mean that preference points for specific goals are not claimed.
- 1.7 The organ of state reserves the right to require of a service provider/tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal

- of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) & \text{or} & Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \end{array}$$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) & \text{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \end{array}$$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1,2 and 3 above as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which

states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 4: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.)

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
1. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black people	4	10		
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	2	2		
3. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black women	2	4		

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
4. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black people with disability	2	2		
5. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black youth.*	2	2		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;

- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

<p>.....</p> <p>SIGNATURE(S) OF TENDERER(S)</p>	
SURNAME AND NAME:
DATE:
ADDRESS:

DPW-09 (EC): PARTICULARS OF TENDERER'S PROJECTS

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA			
Tender / quotation no:	KIM 08/2024	Closing date:	15 November 2024	
Advertising date:	25 October 2024	Validity period:	84 days	

1. PARTICULARS OF THE TENDERER'S CURRENT AND PREVIOUS COMMITMENTS

1.1. Current projects

Projects currently engaged in	Name of Employer or Representative of Employer	Contact tel. no.	Contract sum	Contractual commencement date	Contractual completion date	Current percentage progress
1						
2						
3						
4						
5						
6						
7						
8						

Tender no: *KIM 08/2024*

1.2. Completed projects

Projects completed in the previous 5 (five) years	Name of Employer or Representative of Employer	Contact tel. no.	Contract sum	Contractual commencement date	Contractual completion date	Date of Certificate of Practical Completion
1						
2						
3						
4						
5						
6						
7						
8						
9						

Name of Tenderer	Signature
	Date

**T2.2 Returnable Documents that will be
incorporated into the contract**

PA-40: DECLARATION OF DESIGNATED GROUPS

Tender no: **K/M 08/2024**

Name of Tenderer

☐ EME¹ ☐ QSE² ☐ Non EME/QSE (tick applicable box)

1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.

Name and Surname #	Identity/ Passport number and Citizenship##	Percentage owned	Black	Indicate if youth	Indicate if woman	Indicate if person with disability	Indicate if living in Rural (R) / Under Developed Area (UD) / Township (T) / Urban (U).	Indicate if military veteran
1.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No

Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number
State date of South African citizenship obtained (not applicable to persons born in South Africa)

¹ EME: Exempted Micro Enterprise

² QSE: Qualifying Small Business Enterprise

PA- 40: DECLARATION OF DESIGNATED GROUPS

Tender no: *KIM 08/2024*

2. DECLARATION:

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:

- 1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;

Signed by the Tenderer

Name of representative	Signature	Date



DPW-21 (EC): RECORD OF ADDENDA TO TENDER DOCUMENTS

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender no:	KIM 08/2024	Reference no:	19/2/4/2/2/2361/40

1. I / We confirm that the following communications received from the Department of Public Works and Infrastructure before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: *(Attach additional pages if more space is required)*

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		

Name of Tenderer	Signature	Date

2. I / We confirm that no communications were received from the Department of Public Works and Infrastructure before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date



DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender no:	KIM 08/2024	Reference no:	19/2/4/2/2/2316/23

We notify you that it is our intention to employ the following Subcontractors for work in this contract.

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council.

	Name and address of proposed Subcontractor	Nature and extent of work	Previous experience with Subcontractor
1			
2			
3			
4			
5			

Name of representative	Signature	Capacity	Date

Name of organisation:	
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DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender no:	KIM 08/2024	Reference no:	19/2/4/2/2/2361/23

Name of Electrical Contractor:	
Address:	
Electrical Contractor registration number at the Department of Labour	

Name of Tenderer	Signature	Date

DPW-23 (EC): SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender no:	KIM 08/2024	Reference no:	19/2/4/2/2/2361/23

This schedule should be completed by the tenderer. *(Attach additional pages if more space is required)*

Item	Material / Equipment	Rand (R) (Excluding VAT)
1.		R
2.		R
3.		R
4.		R
5.		R
6.		R

The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only. Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Principal Agent / Engineer of the Department of Public Works and Infrastructure within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed.

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V \left(\frac{Z}{Y} - 1 \right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date