

Annexure 8

RT81-2024: SUPPLY AND DELIVERY OF BUILDING MATERIAL TO THE STATE FOR A PERIOD OF 36 MONTHS

Bidders Name:

1	TECHNICAL PLUMBING ITEMS AND MINIMUM REQUIREMENTS	COMPLY: YES/NO
1.1	FIFTEEN (15) MM PLUMBING UNITS	
1.1.1	<p>All copper items will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • All units will be manufactured of copper material. • Nominal of copper units will be. 15 mm. Class 2 • All copper material will be SANS (SABS) approved. • Each copper piping and / or units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.1.1.1	<p>Pipe, Copper, 15mm.</p> <p>ICN: 4710T05005823</p>	STATE: _____
1.1.1.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.1.1 and 1.1.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.1.1.2	<p>Straight, coupler, conex, C x C 15mm</p> <p>ICN: 4730T05003187</p>	STATE: _____
1.1.1.2A	<p>Specify supplier(s) & dimensions as per paragraph 1.1.1 and 1.1.1.2</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.1.1.3	<p>Slip Socket 15 mm.</p> <p>ICN: 4730T05074527</p>	STATE: _____
1.1.1.3A	<p>Specify supplier(s) & dimensions as per paragraph 1.1.1 and 1.1.1.3</p>	

	Supplier: Dimensions:	STATE: _____
1.1.1.4	Tee, equal c x c 15 mm ICN: 4730T05013530	STATE: _____
1.1.1.4. A	Specify supplier(s) & dimensions as per paragraph 1.1.1 and 1.1.1.4 Supplier: Dimensions:	STATE: _____
1.1.1.5	Elbow 45 ⁰ . Grade, c x c 15 mm ICN: 4730T05003117	STATE: _____
1.1.1.5. A	Specify supplier(s) & dimensions as per paragraph 3.1.1 and 3.1.1.5 Supplier: Dimensions:	STATE: _____
1.1.1.6	Elbow, copper to copper, 90 Deg 15mm SABS approved. ICN: 4730T05068588	STATE: _____
1.1.1.6. A	Specify supplier(s) & dimensions as per paragraph 1.1.1 and 1.1.1.6 Supplier: Dimensions:	STATE: _____
1.1.2	All DZR Brass items will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloading. Minimum requirements: <ul style="list-style-type: none">• All units will be manufactured of DZR Brass material.	

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	<ul style="list-style-type: none"> • Diameter of DZR Brass connection to one side will be 15 mm. • All DZR Brass material will be (SABS) SANS approved. • Each DZR Brass unit will be marked SANS (SABS). • The following units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.1.2.1	Coupler, Straight, conex M1 X C1 15mm ICN: 4730T05004125	STATE: _____
1.1.2.1A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.1 Supplier: Dimensions:	STATE: _____
1.1.2.2	Elbow, Conex M X F 15mm ICN: 4730T05010424	STATE: _____
1.1.2.2A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.2 Supplier: Dimensions:	STATE: _____
1.1.2.3	Coupler Straight Conex F1 x C 15mm ICN: 4730T05003988	STATE: _____
1.1.2.3 A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.3 Supplier: Dimensions:	STATE: _____
1.1.2.4	Elbow, wall plate, F1 x c x15 mm ICN: 4730T05010453	STATE: _____
1.1.2.4 A	Specify supplier(s) & dimensions as per	

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	paragraph 1.1.2 and 1.1.2.4 Supplier: Dimensions:	STATE: _____
1.1.2.5	Coupler, Straight, Conex c x c 15 mm ICN:4730T05003187	STATE: _____
1.1.2.5 A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.5 Supplier: Dimensions:	STATE: _____
1.1.2.6	Elbow, Conex 90 Degrees M1 X C 15mm ICN:4730T05003807	STATE: _____
1.1.2.6 A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.6 Supplier: Dimensions:	STATE: _____
1.1.2.7	End, Stop, Conex 15mm. ICN:2540T05048689	STATE: _____
1.1.2.7 A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.9 Supplier: Dimensions:	STATE: _____
1.1.2.8	Adaptor, straight, copper to female 15mm ICN:4730T05015991	STATE: _____
1.1.2.8 A	Specify supplier(s) & dimensions as per paragraph 1.1.2 and 1.1.2.10 Supplier:	

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	Dimensions:	STATE: _____
1.2	TWENTY-TWO (22) MM PLUMBING UNITS	
1.2.1	<p>All copper items will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloading.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • All units will be manufactured of copper material. • Diameter of copper units will be. 22 mm. • All copper material will be SANS (SABS) approved. • Each copper piping and / or units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.2.1.1	<p>Pipe, Copper, 22mm</p> <p>ICN: 4710T05005824</p>	STATE: _____
1.2.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.2.1 and 1.2.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.2.1.2	<p>Coupling, Straight c x c 22mm x 22mm</p> <p>ICN: 4730T05044214</p>	STATE: _____
1.2.1.2 A	<p>Specify supplier(s) & dimensions as per paragraph 1.2.1 and 1.2.1.2</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.2.1.3	<p>Tee, copper to copper equal, 22mm</p>	STATE: _____

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	ICN: 4730T05052140	
1.2.1.3 A	Specify supplier(s) & dimensions as per paragraph 1.2.1 and 1.2.1.3 Supplier: Dimensions:	STATE: _____
1.2.1.4	Elbow copper to copper 45 Deg, 22 mm ICN: 4730T05010448	STATE: _____ —
1.2.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.2.1 and 1.2.1.4 Supplier: Dimensions:	STATE: _____
1.2.1.5	Elbow copper to copper 90 Deg ,22 mm ICN: 4730T05010447	STATE: _____
1.2.1.5 A	Specify supplier(s) & dimensions as per paragraph 1.2.1 and 1.2.1.5 Supplier: Dimensions:	STATE: _____
1.2.1.6	Slip Socket 22mm. ICN:4730T05074526	STATE: _____
1.2.1.6A	Specify supplier(s) & dimensions as per paragraph 1.2.1 and 1.2.1.6 Supplier: Dimensions:	STATE: _____
1.2.2	All DZR Brass items will comply with minimum requirements as indicated hereunder and will be supplied and delivered: Minimum requirements:	

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	<ul style="list-style-type: none"> • All units will be manufactured of DZR Brass material. • Diameter of DZR Brass connection to one side will be 22 mm. • All DZR Brass material will be (SABS) SANS approved. • Each DZR Brass unit will be marked SANS (SABS). • The following units to be supplied and delivered with the minimum requirements will be as follows: 	
1.2.2.1	Elbow, Copper, Conex 90 ⁰ 22mm ICN:4730T05047878	STATE: _____
1.2.2.1 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.1 Supplier: Dimensions:	STATE: _____
1.2.2.2	Elbow, Conex 90 grade, F1 x c, 22mm ICN: 4710T05003114	STATE: _____
1.2.2.2 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.2 Supplier: Dimensions:	STATE: _____
1.2.2.3	Elbow, Reducing, conex, c x c, 15 x 22mm. ICN: 4730T05003987	STATE: _____
1.2.2.3 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.3 Supplier: Dimensions:	STATE: _____
1.2.2.4	Coupler, Straight, Conex F1 x C 22 mm ICN: 4730T05004124	STATE: _____
1.2.2.4 A	Specify supplier(s) & dimensions as per	

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	paragraph 1.2.2 and 1.2.2.4 Supplier: Dimensions:	STATE: _____
1.2.2.5	Tee, c x c x c 22mm, equal copper ICN: 4730T05068926	STATE: _____
1.2.2.5 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.6 Supplier: Dimensions:	STATE: _____
1.2.2.6	End Stop conex 22mm. ICN:4510T05048690	STATE: _____
1.2.2.6 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.6 Supplier: Dimensions:	STATE: _____
1.2.2.7	Coupler Straight Conex c x c 22mm ICN: 4730T05003189	STATE: _____
1.2.2.7 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.7 Supplier: Dimensions:	STATE: _____
1.2.2.8	Coupler Straight, Conex M1 X C 22mm ICN: 4730T05004121	STATE: _____
1.2.2.8 A	Specify supplier(s) & dimensions as per paragraph 1.2.2 and 1.2.2.8 Supplier: Dimensions:	STATE: _____

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	TWENTY-EIGHT (28) MM PLUMBING UNITS	
1.2.3	<p>All copper items will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> • All units will be manufactured of copper material. • Diameter of copper units will be 28 mm. Class 2 • All copper material will be SABS approved. • Each copper piping and/or units will be marked (SABS) SANS. • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.2.3.1	<p>Pipe, Copper, 28mm</p> <p>ICN: 4710T05013540</p>	STATE: _____
1.2.3.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.2.3 and 1.2.3.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.2.3.2	<p>Coupler Straight, c x c 28 mm x 28 mm,</p> <p>ICN: 4730T05044215</p>	STATE: _____
1.2.3.2A	<p>Specify supplier(s) & dimensions as per paragraph 1.2.3 and 1.2.3.2</p> <p>Supplier:</p> <p>Dimensions:</p>	S TATE: _____
1.2.3.3	Copper Elbow 28mm, SABS approved.	

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	ICN: 4510T05068932	STATE: _____
1.2.3.3A	Specify supplier(s) & dimensions as per paragraph 1.2.3 and 1.2.3.4 Supplier: Dimensions:	STATE: _____
1.2.3.4	Copper Elbow 28mm ICN: 4510T05068932	STATE: _____
1.2.3.4A	Specify supplier(s) & dimensions as per paragraph 1.2.3 and 1.2.3.5 Supplier: Dimensions:	STATE: _____
1.2.3.5	Tee Copper 28mm ICN: 5680T05079880	STATE: _____
1.2.3.5A	Specify supplier(s) & dimensions as per paragraph 1.2.3 and 1.2.3.6 Supplier: Dimensions:	STATE: _____
1.2.3.6	Elbow, 45 Degree c x c 28mm ICN: 4730T05018428	STATE: _____
1.2.3.6A	Specify supplier(s) & dimensions as per paragraph 1.2.3 and 1.2.3.7 Supplier: Dimensions:	STATE: _____
1.2.4	All DZR Brass items will comply with minimum requirements as indicated hereunder and will be supplied and delivered: Minimum requirements: <ul style="list-style-type: none"> • All units will be manufactured of DZR Brass material. 	

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	<ul style="list-style-type: none"> • Diameter of DZR Brass connection to one side will be 28 mm. • All DZR Brass material will be (SABS) SANS approved. • Each DZR Brass unit will be marked SANS (SABS). • The following units to be supplied and delivered with the minimum requirements will be as follows 	STATE: _____
1.2.4.1	Tee Equal, Conex c/c 28mm ICN: 4730T05005921	STATE: _____ _
1.2.4.1 A	Specify supplier(s) & dimensions as per paragraph 1.2.4 and 1.2.4.1 Supplier: Dimensions:	STATE: _____
1.2.4.2	Elbow Conex 90 grade, c x c 28 mm ICN: 4730T05003116	STATE: _____
1.2.4.2 A	Specify supplier(s) & dimensions as per paragraph 1.2.4 and 1.2.4.1 Supplier: Dimensions:	STATE: _____
1.2.4.3	Coupler Straight, Conex M1 x C 28mm ICN:4730T05004122	STATE: _____
1.2.4.3 A	Specify supplier(s) & dimensions as per paragraph 1.2.4 and 1.2.4.3 Supplier: Dimensions:	STATE: _____
1.2.4.4	Straight Coupler Conex c x c 28mm ICN: 4730T05004396	STATE: _____
1.2.4.4 A	Specify supplier(s) & dimensions as per paragraph 1.2.4 and 1.2.4.5	

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	Supplier: Dimensions:	STATE: _____
1.2.4.5	Coupler Straight C x F1 28mm ICN: 4730T05017922	STATE: _____
1.2.4.5 A	Specify supplier(s) & dimensions as per paragraph 1.2.4 and 1.2.4.6 Supplier: Dimensions:	STATE: _____
1.2.4.6	Elbow Conex 90 grade M1 X C, 28mm ICN: 4730T05003115	STATE: _____
1.2.4.6 A	Specify supplier(s) & dimensions as per paragraph 1.2.4 and 1.2.4.8 Supplier: Dimensions:	STATE: _____
1.3	REDUCING COPPER UNITS:	
1.3.1	All copper items will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded. Minimum requirements: <ul style="list-style-type: none"> • All units will be manufactured of copper material. • Diameter of copper units will be 15, 22, and 28 mm, etc. • All copper material will be SANS (SABS) approved. • Each copper piping and / or units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____

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1.3.1.1	Reducing Straight coupler c x c 22mm x 15mm ICN: 4730T05015021	STATE: _____
1.3.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.1 Supplier: Dimensions:	STATE: _____
1.3.1.2	Straight reducer 28 mm x 22 mm. ICN: 4730T05064054	STATE: _____
1.3.1.2 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.2 Supplier: Dimensions:	STATE: _____
1.3.1.3	Elbow reducing 90 ⁰ conex, c x c 15 x 22 mm. ICN: 4710T05003987	STATE: _____
1.3.1.3 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.3 Supplier: Dimensions:	STATE: _____
1.3.1.4	Reducing elbow 90 ⁰ coupler 28 mm x 22 mm, copper to copper ICN: 4540T05072740	STATE: _____
1.3.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.4 Supplier: Dimensions:	STATE: _____
1.3.1.5	Reducing Tee, 28mm x 28mm x 22mm, SABS approved ICN: 4730T05064053	STATE: _____

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1.3.1.5 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.5 Supplier: Dimensions:	STATE: _____
1.3.1.6	Reducing Tee cxcxc 22mm x 22mm x15mm ICN: 4730T05009874	STATE: _____
1.3.1.6 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.6 Supplier: Dimensions:	STATE: _____
1.3.1.7	Reducing, Tee cxcxc 28mm x 22mm x 28mm ICN: 4710T05013700	STATE: _____
1.3.1.7 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.7 Supplier: Dimensions:	STATE: _____
1.1.1.8	Coupling Reducing c x c 28mm x 15mm. ICN: 4710T05006606	STATE: _____
4.3.1.8 A	Specify supplier(s) & dimensions as per paragraph 1.3.1 and 1.3.1.8 Supplier: Dimensions:	STATE: _____
1.3.2	All DZR Brass items will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded: Minimum requirements: <ul style="list-style-type: none"> • All units will be manufactured of DZR Brass material. 	

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	<ul style="list-style-type: none"> • Diameter of DZR Brass connection will be 15, 22, and 28 mm, etc. • All DZR Brass material will be (SABS) SANS approved. • Each DZR Brass unit will be marked SANS (SABS). • The following units to be supplied and delivered with the minimum requirements will be as follows. 	STATE: _____
1.3.2.1	Reducing, Elbow, Conex C x F1 x 22mm ICN: 4730T05004120	STATE: _____
1.3.2.1A	Specify supplier(s) & dimensions as per paragraph 1.3.2 and 1.3.2.1 Supplier: Dimensions:	STATE: _____
1.3.2.2	Reducing Tee Conex c x c x fi 28mm x 15mm x 28mm ICN:4730T05003194	STATE: _____
1.3.2.2A	Specify supplier(s) & dimensions as per paragraph 1.3.2 and 1.3.2.2 Supplier: Dimensions:	STATE: _____
1.3.2.3	Reducing Coupler Conex cxc 22mm x 28mm ICN: 4730T0500411	STATE: _____
1.3.2.3A	Specify supplier(s) & dimensions as per paragraph 1.3.2 and 1.3.2.3 Supplier: Dimensions:	STATE: _____
1.3.2.4	Reducing Straight Coupler M1 x C 15mm x 22mm	

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	ICN: 4730T05004123	STATE: _____
1.3.2.4A	Specify supplier(s) & dimensions as per paragraph 1.3.2 and 1.3.2.4 Supplier: Dimensions:	STATE: _____
1.3.2.5	Reducing Tee Conex 22mm x 22mm x 15mm ICN: 4730T05018927	STATE: _____
1.3.2.5A	Specify supplier(s) & dimensions as per paragraph 1.3.2 and 1.3.2.5 Supplier: Dimensions:	STATE: _____
1.4 1.4.1	32 MM PLASON PLUMBING UNITS All Plason or similar approved pipe and fittings class 16 (100m bundle) and units, 32 mm, SANS (SABS) approved will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded. Minimum requirements: <ul style="list-style-type: none"> • All pipe and units will be Plason or similar approved (HDPE) material for underground use. • Pipe and units will be 32 mm. • All Plason or similar approved pipes class 16 and units will be SABS approved. • Each Plason or similar approved pipes class 16 and units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.4.1.1	Pipe, Plason 32mm Class 16 (100m bundle) to be SABS approved.	

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	ICN:4710T05073994	STATE: _____
1.4.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.4.1 and 1.4.1.1 Supplier: Dimensions:	STATE: _____
1.4.1.2	Elbow Plason 32mm x 32mm Male ICN: 4730T05014500	STATE: _____
1.4.1.2 A	Specify supplier(s) & dimensions as per paragraph 1.4.1 and 1.4.1.2 Supplier: Dimensions:	STATE: _____
1.4.1.3	Connector Straight Plason 32mm ICN: 4730T05014501	STATE: _____
1.4.1.3 A	Specify supplier(s) & dimensions as per paragraph 1.4.1 and 1.4.1.3 Supplier: Dimensions:	STATE: _____
1.4.1.4	Adaptor Male Plason 32mm x $\frac{3}{4}$ ICN: 4510T05080430	STATE: _____
1.4.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.4.1 and 1.4.1.4 Supplier: Dimensions:	STATE: _____
1.6	25 MM PLASON PLUMBING UNITS	
1.6.1	All Plason pipe class 16 (100m bundle) and units, 25 mm, SANS (SABS) approved will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements:	

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	<ul style="list-style-type: none"> • All pipe and units will be Plasson or similar approved material for underground use. • Pipe and units will be 25 mm. • All Plasson or similar approved pipes class 16 and units will be SABS approved. • Each Plasson or similar approved pipes class 16 and units will be marked SANS (SABS). The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.6.1.1	Pipe, Plasson 25mm Class 16 (100m bundle) to be SABS approved. ICN:4710T05073993	STATE: _____
1.6.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.1 Supplier: Dimensions:	STATE: _____
1.6.1.2	Pipe, Plasson Elbow, Plain 25mm ICN:4710T05052099	STATE: _____
1.6.1.2 A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.2 Supplier: Dimensions:	STATE: _____
1.6.1.3	Pipe Plasson Tee 25mm ICN:4710T05052090	STATE: _____
1.6.1.3 A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.3 Supplier: Dimensions:	STATE: _____

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1.6.1.4	Elbow Plasson 25mm x ¾ FI ICN:4730T05052832	STATE: _____
1.6.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.4 Supplier: Dimensions:	STATE: _____
1.6.1.5	Elbow Plasson 25mm x ¾ MI ICN:4730T05052831	STATE: _____
1.6.1.5 A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.5 Supplier: Dimensions:	STATE: _____
1.6.1.6	Adaptor Plasson 25mm x ¾ Male ICN: 5630T05048077	STATE: _____
1.6.1.6 A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.1 Supplier: Dimensions:	STATE: _____
1.6.1.8	Coupler Plasson Straight 25mm x 1 INCH ICN: 4730T05044259	STATE: _____
1.6.1.8A	Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.1 Supplier: Dimensions:	STATE: _____
5.2.1.9	Straight Coupler Plasson 25mm ICN: 4510T05080429	STATE: _____

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1.6.1.9A	<p>Specify supplier(s) & dimensions as per paragraph 1.6.1 and 1.6.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.7	28 MM PLASON PLUMBING UNITS	
1.7.1	<p>All Plason or similar approved pipe class 16 and units, 28 mm, SANS (SABS) approved will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • All pipe and units will be Plason or similar approved material for underground use. • Pipe and units will be 28 mm. • All Plason or similar approved pipes class 16 and units will be SABS approved. • Each Plason or similar approved pipes class 16 and units will be marked SANS (SABS). <p>The following piping and units to be supplied and delivered with the minimum requirements will be as follows:</p>	STATE: _____
1.7.1.1	<p>Pipe, Plason 28mm Class 16</p> <p>ICN:4710T05050934</p>	STATE: _____
1.7.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.7.1 and 1.7.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.7.1.2	<p>Female Elbow Plason 28mm</p> <p>ICN:4730T05074520</p>	STATE: _____
1.7.1.2 A	<p>Specify supplier(s) & dimensions as per paragraph 1.7.1 and 1.7.1.2</p>	

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	Supplier: Dimensions:	STATE: _____
1.8	SOLDERING CAP CAOL 500G (Soft solder) will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • Soft solder to be supplied in units of 500 gram. • Soft soldering to be 2 mm in diameter. • Soft solder will be SANS (SABS) approved. • Each soft soldering unit will be marked SANS (SABS). 	STATE: _____
1.8.1	SOLDERING CAP CAOL 500G (Soft solder) ICN: 3439T05057440	STATE: _____
1.8.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.8.1 and 1.8.1.1 Supplier: Dimensions:	STATE: _____
1.9	Regular soldering flux 113, 200 g will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • To be supplied in units of 200 gram. Soldering flux will be SANS (SABS) approved. • Each soldering flux unit will be marked SANS (SABS). 	STATE: _____
1.9.1	Soldering flux, 400 g ICN: 4510T05080419	STATE: _____

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1.9.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.9 and 1.9.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.10	MASTAR BAT PVC UNITS	
1.10.1	<p>Master bat PVC, 15 mm, to accommodate a 15 mm copper pipe that need to be fastened to masonry work, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Master bat PVC will accommodate a 15 mm copper pipe to be fastened to masonry work. • PVC holder bat will be supplied per unit complete. • PVC holder units will be SANS (SABS) approved. • Each PVC holder bat unit will be marked SANS (SABS). 	STATE: _____
1.10.1.1	<p>Master bat, 15 mm</p> <p>ICN: 5340T5001388</p>	STATE: _____
1.10.1.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.10.1 and 1.10.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.10.2	<p>Master bat PVC, 22 mm, to accommodate a 22 mm copper pipe that need to be fastened to masonry work, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p>	

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	<ul style="list-style-type: none"> • Master bat PVC will accommodate a 22 mm copper pipe to be fastened to masonry work. • PVC master bat will be supplied per unit complete. PVC holder units will be SANS (SABS) approved. • Each PVC holder bat unit will be marked SANS (SABS). • Holder bat, 22mm 	STATE: _____
1.10.2.1	Master bat, 22 mm ICN: 5340T05003144	STATE: _____
1.10.2.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.10.2 and 1.10.2.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.10.3	<p>Master bat PVC, 28 mm, to accommodate a 28 mm copper pipe that need to be fastened to masonry work, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Master bat PVC will accommodate a 28 mm copper pipe to be fastened to masonry work. • PVC holder bat will be supplied per unit complete. • PVC holder units will be SANS (SABS) approved. • Each PVC holder bat unit will be marked SANS (SABS) approved. 	STATE: _____
1.10.3.1	Master bat, 28 mm ICN: 5340T05003154	STATE: _____
1.10.3.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.10.3 and 1.10.3.1</p> <p>Supplier:</p>	

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	Dimensions:	STATE: _____
1.10.4	<p>Master bat PVC, 50 mm, to accommodate a 50 mm PVC pipe that need to be fastened to masonry work, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Master bat PVC will accommodate a 50 mm pvc pipe to be fastened to masonry work. • PVC holder bat will be supplied per unit complete. • PVC holder units will be SANS (SABS) approved. • Each PVC holder bat unit will be marked SANS (SABS). • Holderbat 50mm 	STATE: _____
1.10.4.1	<p>Holder bat, 50 mm</p> <p>ICN: 5340T05003147</p>	STATE: _____
1.10.4.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.10.4 and 1.10.4.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.11	SSN CLAMPS PLUMBING UNITS	
1.11.1	<p>Clamp SSN 100mm, (material , stainless steel and EPDM) SANS (SABS) APPROVED , will comply with minimum requirements as indicated hereunder and will be supplied and delivered</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Clamp SSN will be used with 100 mm cast iron waste pipe, fittings, and stainless-steel units. • Clamp SSN diameter :100mm • Clamp SSN will have 2 stainless steel 	

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	strap, casing, and EPDM rubber inner seal each. <ul style="list-style-type: none"> SSN Clamp will be SANS (SABS) Approved. 	
1.11.1.1	Clamp SSN 100mm ICN:4940T05003178	STATE: _____
1.11.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.11.1 and 1.11.1.1 Supplier: Dimensions:	STATE: _____
1.11.2	Clamp SSN 50mm, (material, stainless steel and EPDM) SANS (SABS) APPROVED, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> Clamp SSN will be used with 50 mm cast iron waste pipe, fittings, and stainless-steel units. Clamp SSN diameter :50mm Clamp SSN will have 2 stainless steel strap, casing and EPDM rubber inner seal each. Clamp SSN will be SANS (SABS) Approved. 	STATE: _____
1.11.2.1	Clamp SSN 50mm ICN:4940T05004415	STATE: _____
1.11.2.1 A	Specify supplier(s) & dimensions as per paragraph 1.11.2 and 1.11.2.1 Supplier: Dimensions:	STATE: _____
1.11.3	Clamp, Hose 19mm -44mm Stainless steel	

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	<p>SANS (SABS) Approved, will comply with minimum requirements as indicated hereunder and will supplied and delivered</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> • Clamp Hose s/steel 40 mm • Clamp Hose s/steel need accommodate piping from 25mm up to 44mm. • Clamp Hose s/steel 9 mm wide. • Clamp Hose stainless steel 40mm SANS (SABS) approved. 	STATE: _____
1.11.3.1	<p>Clamp, Hose 19mm 44mm Stainless steel</p> <p>ICN: 5340T05052051</p>	STATE: _____
1.11.3.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.11.3 and 1.11.3.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.12	50 MM PVC PIPE AND UNITS ABOVE GROUND	
1.12.1	<p>All PVC pipe and units, 50 mm, SANS (SABS) approved will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • All pipe and units will be PVC material for above ground use. • Pipe and units will be 50 mm. • All PVC pipes and units will be SABS 967 approved. • Each PVC pipes and units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.12.1.1	Pipe pvc 50 mm	STATE: _____

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	ICN: 4710T05003160	
1.12.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.1 Supplier: Dimensions:	STATE: _____
1.12.1.2	Socket PVC 50mm ICN:4730T05016826	STATE: _____
1.12.1.2 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.2 Supplier: Dimensions:	STATE: _____
1.12.1.3	PVC Bend I.E 90° X 50mm. ICN: 4710T05052094	STATE: _____
1.12.1.3 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.3 Supplier: Dimensions:	STATE: _____
1.12.1.4	Junction Access heel PVC 45 grade 50mm ICN: 4710T05003135	STATE: _____
1.12.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.4 Supplier: Dimensions:	STATE: _____
1.12.1.5	Bend, Plain, 87.5Deg 50mm ICN: 4540T05014489	STATE: _____
1.12.1.5A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.7	

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	Supplier: Dimensions:	STATE: _____
1.12.1.6	Junction access heel PVC 135 ⁰ 50 mm ICN: 4730T05013645	STATE: _____
1.12.1.6 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.8 Supplier: Dimensions:	STATE: _____
1.12.1.7	Bend, Plain PVC 90 Degree 50mm ICN: 4540T050113718	STATE: _____
1.12.1.7 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.7 Supplier: Dimensions:	STATE: _____
1.12.1.8	Bend Plain PVC 45 Degree, 50mm. ICN: 4540T05012483	STATE: _____
1.12.1.8 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.8 Supplier: Dimensions:	STATE: _____
1.12.1.9	Pipe, Soil Vent 50mm x 6m ICN: 4710T05052050	STATE: _____
1.12.1.9 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.9 Supplier: Dimensions:	STATE: _____

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1.12.1.10	Tee PVC 50mm ICN: 5680T05079895	STATE: _____ _
1.12.1.10 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.10 Supplier: Dimensions:	STATE: _____
1.12.1.11	Junction, Plain PVC 87.5Deg 50mm ICN: 4710T05015989	STATE: _____
1.12.1.11 A	Specify supplier(s) & dimensions as per paragraph 1.12.1 and 1.12.1.11 Supplier: Dimensions:	STATE: _____
1.13	SOLVENT CEMENT PLUMBING UNITS	
1.13.1	PVC solvent cement, 500 ml containers: agent, Heavy Duty or similar approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • PVC solvent cement, 500 ml container to be used to join PVC materials together permanently. • PVC solvent cement to be SANS (SABS) approved. • PVC solvent cement to be supplied in tubes of 250 ml. containers: • Heavy Duty Each PVC solvent unit will be marked SANS (SABS). • Aluminium holder bat will be supplied per unit complete. 	STATE: _____
1.13.1.1	PVC, solvent, glue, cement, 500 ml sabs approved.	STATE: _____

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	ICN: 4730T05064064	
1.13.1.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.13.1 and 1.13.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.14	ALUMINIUM HOLDER BAT PLUMBING	
1.14.1	<p>Aluminium holder bat, 50 mm, to accommodate a 50 mm PVC above ground waste pipe that need to be fastened to masonry work, will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded:</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Aluminium holder bat will accommodate a 50 mm PVC pipe to be fastened to masonry work. • Aluminium holder bat to be (SANS) SABS approve. • Aluminium holder bat will be supplied per unit complete. • Each aluminium holder bat will be marked SANS (SABS). • Aluminium holder bat will be supplied per unit complete. 	STATE: _____
1.14.1.1	<p>Aluminium Holder Bat 50mm, SABS approved.</p> <p>ICN:4730T05064070</p>	STATE: _____
1.14.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.14.1 and 1.14.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.15	110 MM PVC PIPE AND UNITS ABOVE GROUND	
1.15.1	All PVC pipe and units, 110 mm, SABS approved will comply with minimum requirements as indicated hereunder and will be supplied and delivered.	

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	<p>Minimum requirements:</p> <ul style="list-style-type: none"> • All pipe and units will be PVC material for above ground use. • Pipe and units will be 110 mm. • All PVC pipes and units will be SABS 967 approved. • Each PVC pipes and units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.15.1.1	<p>Pipe Soil Vent PVC 110mm</p> <p>ICN: 4710T05015537</p>	STATE: _____
1.15.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.15.1.2	<p>Socket, PVC 110mm</p> <p>ICN: 4510T05080422</p>	STATE: _____
1.15.1.2 A	<p>Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.2</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.15.1.3	<p>Socket, Straight, Kimberey 110mm</p> <p>ICN: 4730T05013984</p>	STATE: _____
1.15.1.3 A	<p>Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.3</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.15.1.4	<p>Socket, reducer, pvc, 110 x 50mm</p>	STATE: _____

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	ICN: 4730T05014566	
1.15.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.4 Supplier: Dimensions:	STATE: _____
1.15.1.5	Bend, plain 87.5 Deg 110mm ICN:4540T05014488	STATE: _____
1.15.1.5A	Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.5 Supplier: Dimensions:	STATE: _____
1.15.1.6	Bend, Plain PVC U.G 45Deg 110mm underground ICN: 4540T05015521	STATE: _____
1.15.1.6 A	Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.6 Supplier: Dimensions:	STATE: _____
1.15.1.7	Bend, Horn Access Heel PVC ,90 Deg 110mm ICN: 4540T05015527	STATE: _____
1.15.1.7 A	Specify supplier(s) & dimensions as per paragraph 1.15.1 and 1.15.1.7 Supplier: Dimensions:	STATE: _____
1.15.1.8	Junction access heel Single PVC 87.5 Deg 110mm ICN:4710T05013687	STATE: _____
1.15.1.8 A	Specify supplier(s) & dimensions as per	

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	<p>paragraph 1.15.1 and 1.15.1.8</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.16	SEAL RING LUBRICANT PLUMBING UNITS	
1.16.1	<p>Seal ring lubricant, 200 ml, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Seal ring lubricant, 200 ml to be used to lubricate seal rings. • Seal ring lubricant to be SANS SABS Approved. • Seal ring lubricant to be supplied in tubes of 200 ml. • Seal ring lubricant will be SANS (SABS) approved. • Each seal ring lubricant will be marked SANS (SABS). 	STATE: _____
1.16.1.1	<p>lubricant, Seal ring</p> <p>ICN: 4930T05014478</p>	STATE: _____
1.16.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.16.1 and 1.16.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.17	110 MM u PVC PIPE AND UNITS BELOW GROUND	

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1.17.1	<p>All Underground PVC twin wall pipe and units, 110 mm, SABS approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • All Underground pipe and units will be u PVC material for below ground use. • Pipe and units will be 110 mm. • All PVC pipes and units will be SABS 1 601 approved. • Each PVC pipes and units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.17.1.1	<p>U pvc twin wall heavy duty pipe socket at one end</p> <p>ICN: 4540T05072742</p>	STATE: _____
1.17.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 15.1.1 and 15.1.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.17.1.2	<p>Bend, plain, pvc, ribbed access 45 Deg, 110mm</p> <p>ICN: 4540T05013682</p>	STATE: _____
1.17.1.2 A	<p>Specify supplier(s) & dimensions as per paragraph 1.17.1 and 1.17.1.2</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.17.1.3	<p>Bend, plain, ripped, 90 Deg, 110mm.</p> <p>ICN: 4540T05013683</p>	STATE: _____
1.17.1.3 A	<p>Specify supplier(s) & dimensions as per paragraph 1.17.1 and 1.17.1.3</p>	

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	Supplier: Dimensions:	STATE: _____
1.17.1.4	Junction, Access ribbed, pvc, L/R bright, 45 Deg, 110mm. ICN: 4710T05015107	STATE: _____
1.17.1.4 A	Specify supplier(s) & dimensions as per paragraph 1.17.1 and 1.17.1.1 Supplier: Dimensions:	STATE: _____
1.18	110 MM PVC PIPE AND UNITS BELOW GROUND	
1.18.1	All Underground PVC twin wall pipe and units, 110 mm, SABS approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • All pipe and units will be UPVC material. • For below ground use. • Pipe and units will be 110 mm. • All Underground PVC pipes and units will be SABS 791 approved. • Each UPVC pipes and units will be marked SANS (SABS). • The following piping and units to be supplied and delivered with the minimum requirements will be as follows: 	STATE: _____
1.18.1.1	Bend, plain, pvc, 22.5 Degree, 110mm ICN:4540T05013982	STATE: _____
1.18.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.18.1 and 1.18.1.1 Supplier: Dimensions:	STATE: _____

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1.18.1.2	PVC gulley p trap, 110 mm. ICN: 7210T05001414	STATE: _____ -
1.18.1.2 A	Specify supplier(s) & dimensions as per paragraph 1.18.1 and 1.18.1.2 Supplier: Dimensions:	STATE: _____
1.18.1.3	Rodding eye 45 ⁰ , 1 10 mm ICN: 5306T05001523	STATE: _____
1.18.1.3 A	Specify supplier(s) & dimensions as per paragraph 1.18.1 and 1.18.1.3 Supplier: Dimensions:	STATE: _____
1.19	PVC PLUMBING TAPE UNITS	
1.19.1	Tape pvc plumber, PTFE tape, heavy duty, width 19mm, length 10m, SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered and offloaded. Minimum requirements: <ul style="list-style-type: none"> • Tape PVC Plumber PTFE Tape, heavy duty, Width 19mm Length 10m. • PTFE tape will be SANS (SABS) approved. • Each soft soldering unit will be marked SANS (SABS). 	STATE: _____
1.19.1.1	Tape PVC Plumber PTFE Tape, heavy duty width 19mm Length 10m ICN: 4710T05074777	STATE: _____
1.19.1.1A	Specify supplier(s) & dimensions as per paragraph 17.1.1 and 17.1.1.1 Supplier:	

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	Dimensions:	STATE: _____
1.20	HEMP MAULA PLUMBING	
1.20.1	Hemp Maula SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • Hemp Maula to be supplied in units of 500 gram each. • Hemp Maula will be SANS (SABS) approved. 	STATE: _____
1.20.1.1	Hemp Maula ICN: 4730T05074950	STATE: _____
1.20.1.1A	Specify supplier(s) & dimensions as per paragraph 1.20.1 and 1.20.1.1 Supplier: Dimensions:	STATE: _____
1.21	GEYSERS WARM WATER VESSELS COMPLETE WITH ALL ACCESSORIES	
1.21.1	Geyser and items complete with valves and fittings, SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: warm water vessel(s) <ul style="list-style-type: none"> • Approved pressure tests 600 KPA. • Capacity 100 litre. • Can be installed as a Horizontal or Vertical installation. • Geyser with all accessories will be SANS (SABS) approved. 	

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	<ul style="list-style-type: none"> • The following items will be included and supplied with the 100-litre geyser: • One safety valve. • One drain cock • Two vacuum breakers. • One approved isolator switch wired and mounted on the geyser cover plate. • One geyser tray complete with outlet connection to accommodate a 100 litre geyser for Horizontal installation. • All requirements and items will function as a unit. • Geyser and all items complete will be SANS (SABS) approved. • Each geyser and all items complete will be Marked SANS (SABS). 	STATE: _____
1.21.1.1	<p>Geyser, Electric 100LT</p> <p>ICN: 4520T05005819</p>	STATE: _____
1.21.1.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.21.1 and 1.21.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.21.2	<p>Geyser and items complete with valves and fittings, SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Approved pressure tests 600 KPA. • Capacity 200 litre. • Can be installed as a Horizontal or Vertical installation. • Geyser with all accessories will be SANS (SABS) approved. • The following items will be included and supplied with the 200-litre geyser: • One safety valve. 	

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	<ul style="list-style-type: none"> • One drain cock • Two vacuum breakers. • One approved isolator switch wired and mounted on the geyser cover plate. • One geyser tray complete with outlet connection to accommodate a 250-litre geyser for Horizontal Installation. All requirements and items will function as a unit. • Geyser and all items complete will be SANS (SABS) approved. • Each geyser and all items complete will be marked SANS (SABS). 	STATE: _____
1.21.2.1	<p>Geyser 200LT, complete with valve& fittings</p> <p>ICN:4520T05050773</p>	STATE: _____
1.21.2.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.21.1 and 1.21.1.3</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
	VALVES PLUMBING UNITS	
1.21.3	<p>Valve Pressure control Master flow G ³/₄" Master box 1 House Water Station complete, SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Outlet pressure 400 KPA (Expansion) • GRP Box with thin end lid. • SABS 198 Jaswic listed. The following items will be included, assembled accordingly and supplied within the Master box: • One ³/₄" no PA 3.132 Master-flo and l/pressure control valve. • One ³/₄" 1050-20 In-line strainer. 	

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	<ul style="list-style-type: none"> • One 3/4" Flo x ball valve. • One overflow funnel. • One 3/4" MI inlet x 3/4" MI outlet. • All requirements and items will function as unit. • Master box and items complete will be SANS (SABS) approved. • Each master box and items complete will be marked SANS (SABS). 	STATE: _____
1.21.3.1	Valve Pressure control Master flow G ^{3/4} ICN: 4510T05014592	STATE: _____
1.21.3.1 A	Specify supplier(s) & dimensions as per paragraph 1.21.3 and 1.21.3.1 Supplier: Dimensions:	STATE: _____
1.21.4.	Valve Pressure control, Kwikot Masterflow No 3 600kpa 22mm conex ICN: 4510T05047649	STATE: _____
1.21.4 A	Specify supplier(s) & dimensions as per paragraph 1.21.4 Supplier: Dimensions:	STATE: _____
1.21.5	Valve Regulate Angle cp 15mm. ICN:4510T05023686	STATE: _____
1.21.5 A	Specify supplier(s) & dimensions as per paragraph 1.21.5 Supplier: Dimensions:	STATE: _____
1.21.6	Valve Non-Return Brass 15mm ICN: 4510T05005459	STATE: _____

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1.21.6 A	Specify supplier(s) & dimensions as per paragraph 1.21.6 Supplier: Dimensions:	STATE: _____
1.21.7	Valve Non-Return, Brass 22mm ICN:4510T05005458	STATE: _____
1.21.7 A	Specify supplier(s) & dimensions as per paragraph 1.21.7 Supplier: Dimensions:	STATE: _____
1.21.8	Valve Non-Return 28mm ICN:4510T05016275	STATE: _____
1.21.8 A	Specify supplier(s) & dimensions as per paragraph 1.21.8 Supplier: Dimensions:	STATE: _____
1.21.9	Valve Piston Jnr Urinal ICN:4820T05018198	STATE: _____
1.21.9 A	Specify supplier(s) & dimensions as per paragraph 1.21.9 Supplier: Dimensions:	STATE: _____
1.21.10	Valve, Thermoscopic Mixing Rada 222DK-LF ¾ BSP Male ICN:4510T05047650	STATE: _____
1.21.10 A	Specify supplier(s) & dimensions as per paragraph 1.21.10 Supplier:	

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1.21.11	Dimensions: Valve Shower Push Button Resistant, female BSP 15mm ICN:4510T05044209	STATE: _____ STATE: _____
1.21.11 A	Specify supplier(s) & dimensions as per paragraph 1.21.1.13 Supplier: Dimensions:	STATE: _____
1.21.12	Valve Ventilation 2way 110mm ICN:4510T05005798	STATE: _____
1.21.12 A	Specify supplier(s) & dimensions as per paragraph 1.21.12 Supplier: Dimensions:	STATE: _____
1.21.13	Valve Ventilation 2-way 50mm ICN:4730T05006151	STATE: _____
1.21.13 A	Specify supplier(s) & dimensions as per paragraph 1.21.13 Supplier: Dimensions:	STATE: _____
1.21.14	Stop cock, BRASS, 20 mm, SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • 20 mm Stop tap R B "Concal" or similar approved Capillary. • Dimensions: (F X F) ³/₄" FMI inlet x ³/₄" FM' outlet 	STATE: _____

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	<ul style="list-style-type: none"> • Brass stop tap will be SANS (SABS) approved. • Each brass stop tap will be marked SANS (SABS). 	
1.21.14	<p>Stop cock, BRASS, 20 mm.</p> <p>ICN: 4510KK0012930</p>	STATE: _____
1.21.14 A	<p>Specify supplier(s) & dimensions as per paragraph 1.21.14</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.22	CERAMIC CLOSE COUPLED TOILET PAN, CISTERN AND FITTINGS, TOILET SEAT, OFFSET PAN COLLAR, FLEXI CONNECTOR, MECHANISM TO BE SUPPLIED AS PER SPECIFICATIONS AND ITEMS REQUIRED.	
1.22.1	<p>Connector, Flexi Tap CP 15mm 350 mm SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Connector, Flexi Tap CP 15mm and crimped. • Length 350 mm /450mm • 1/2" female connections at both ends two fibre seal washers will be included per connector. • Connector, Flexi Tap CP 15mm will be SANS (SABS) approved. • Each Connector, Flexi Tap CP 15mm will be marked SANS (SABS) 	STATE: _____
1.22.1.1	<p>Connector, Flexi Tap CP 15mm 350 mm.</p> <p>ICN:4730T05003739</p>	STATE: _____
1.22.1.1 A	Specify supplier(s) & dimensions as per paragraph 1.22.1 and 1.22.1.1	

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	Supplier: Dimensions:	STATE: _____
1.22.1.2	Connector, Braided 15 x 450mm, Toilet Flexible Pipe ICN:4730T05059411	STATE: _____
1.22.1.2 A	Specify supplier(s) & dimensions as per paragraph 1.22.1 and 1.22.1.2 Supplier: Dimensions:	STATE: _____
1.22.2	Toilet seat Plastic Heavy Duty, Al deluxe or similar SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered Minimum requirements: <ul style="list-style-type: none"> • Heavy Duty Al Deluxe or similar approved complete • Colour: white • Toilet seat will be SANS (SABS) approved. • Each toilet seat will be marked SANS (SABS). 	STATE: _____
1.22.2.1	Toilet seat Plastic Heavy Duty, Al deluxe ICN:7210T05047883	STATE: _____
1.22.2.1 A	Specify supplier(s) & dimensions as per paragraph 1.22.2 and 1.22.2.1 Supplier: Dimensions:	STATE: _____
1.22.3	Toilet pan collar 110 mm (with rubber) connector SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements:	STATE: _____

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1.22.3.1	<ul style="list-style-type: none"> • According to SABS 967. • Size: 110 mm. • Material: PVC. • Toilet pan collar will be SANS (SABS) approved. • Each toilet pan collar will be marked SANS (SABS). <p>Pvc pan offset collar 110 mm (white)</p> <p>ICN:4730T05011484</p>	STATE: _____
		STATE: _____
1.22.3.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.3 and 1.22.3.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.22.3.2	<p>Pan Connector Jolly Flex, Long Pan White 560mm</p> <p>ICN: 4730T05063607</p>	STATE: _____
1.22.3.2 A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.3.2</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.22.3.3	<p>Pan Connector, Jolly Flex, Short Pan, Connector and Fins, White 360mm</p> <p>ICN: 4730T05063606</p>	STATE: _____
1.22.3.3 A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.3.3</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.1.3.4	<p>Pan Connector PVC 110mm</p> <p>ICN:4730T05010437</p>	STATE: _____

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1.22.3.4 A	Specify supplier(s) & dimensions as per paragraph 1.22.3.4 Supplier: Dimensions:	STATE: _____
1.22.3.5	Bottom Supply WC Flushing Mechanism Closed Couple ICN: 5680T05079897	STATE: _____
1.22.3.5 A	Specify supplier(s) & dimensions as per paragraph 1.22.3.5 Supplier: Dimensions:	STATE: _____
1.22.3.6	Toilet Mechanism side inlet ICN:4510T05081718	STATE: _____
1.22.3.6 A	Specify supplier(s) & dimensions as per paragraph 1.22.3.5 Supplier: Dimensions:	STATE: _____
1.22.3.7	Cistern Mechanism Bottom inlet, Toilet SABS Approved ICN:4730T05064061	STATE: _____
1.22.3.7 A	Specify supplier(s) & dimensions as per paragraph 1.22.3.6 Supplier: Dimensions:	STATE: _____
1.22.3.8	Cistern Mechanism (for low level H/duty Tamper proof), Cells ICN:4510T05043181	STATE: _____

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1.22.3.8 A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.3.7</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.22.4	<p>Cistern Close Couple Ceramic complete, cistern, fittings SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied, delivered and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Ceramic sanitary waste close coupled toilet pan with a 90° outlet to be supplied. Matching ceramic cistern, capacity 9 litre complete with lid and fitments (flushing mechanism, etc.) to be supplied with mentioned ceramic toilet cistern, • Inlet into the cistern will be from the right or left bottom of the cistern. • All applicable fitments to operate mentioned ceramic cistern will be included supplied as a unit. • Included. The following items will be included and supplied: • Dual-flushing mechanism (6/3 litre) complete to be supplied with toilet cistern and pan. • Applicable fixing bolts, wing nuts and seal ring to fasten and seal cistern to toilet pan to be supplied and delivered. • Ceramic toilet close coupler pan, cistern and fittings will be SANS (SABS) approved. • Each ceramic toilet close coupler, cistern and fittings will be marked SANS (SABS). • All requirements and items will function as a unit when it is installed. 	STATE: _____
1.22.4.1	<p>Cistern Close Couple Ceramic complete</p> <p>ICN:4510T05047312</p>	STATE: _____

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1.22.4.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.4 and 1.22.4.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.22.5	<p>Cistern 9LT, Complete with lid and fittings SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied, delivered, and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Matching ceramic cistern, capacity 9 litre complete with lid and fitments (flushing mechanism, etc.) to be supplied with mentioned ceramic toilet cistern. • Inlet into the cistern will be from the right or left bottom of the cistern. • All applicable fitments to operate mentioned ceramic toilet cistern will be included. • The following items will be included and supplied: • Flushing mechanism complete to be supplied with toilet cistern that will also include the connection materials from the toilet cistern to the toilet pan. • Applicable fixing bolts, wing nuts and seal ring to fasten and seal cistern to wall and toilet to be supplied and delivered. • Ceramic toilet cistern will be SANS (SABS) approved. • Each ceramic toilet cistern will be marked SANS (SABS). 	STATE: _____
1.22.5.1	<p>Cistern 9LT, Complete with lid and fittings</p> <p>ICN: 4510T05047330</p>	STATE: _____
1.22.5.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.5 and 1.22.5.1</p>	

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	Supplier: Dimensions:	STATE: _____
1.22.6	<p>Ceramic toilets pan SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Ceramic sanitary waist toilet pan with a 90° outlet to be supplied and delivered. • All toilet pans will have to fixing holes positioned in the base footing of the toilet pan that will be used to fix the pan to mobile units, etc. • Ceramic toilet pan will be SANS (SABS) approved. • Each ceramic toilet pan will be marked SANS (SABS). 	STATE: _____
1.22.6.1	<p>Pan, ceramic, W.C</p> <p>ICN: 7240T05001493</p>	STATE: _____
1.22.6.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.22.6 and 1.22.6.1</p> <p>Supplier: Dimensions:</p>	STATE: _____
1.23	COMPLETE ITEMS TO BE SUPPLIED AS PER SPECIFICATIONS AS REQUIRED FOR SHOWERS MIXER, SHOWER ARM, ADJUSTABLE SHOWER ROSE, ADAPTOR MALE PVC 50 MM AND BRASS SHOWER P-TRAP TO BE SUPPLIED AND DELIVERED AS PER SPECIFICATIONS AND ITEMS REQUIRED.	
1.23.1	<p>Shower mixer (under tile unit) complete with wall plate with two 12"FI inlets and 3/4"FI outlet, Chrome plated SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p>	STATE: _____

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	<ul style="list-style-type: none"> • Shower mixers complete with wall plate with two side 1/2" FI inlets and one 3/4"FI centre outlet. • Each unit consist of a Hot and Cold tap combined. • R/Brass body to be plastered and piped in wall. • All exposed components to be chrome plated. • Handles: Star Dimensions • Shower mixer will be SANS (SABS) approved. • Each shower mixer will be marked SANS (SABS). 	
1.23.1.1	<p>Shower mixer (under tile unit) complete with wall plate with two 1/2"FI inlets and 3/4"FI outlet</p> <p>ICN: 4540T05072745</p>	STATE: _____
1.23.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.23.1 and 1.23.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.23.2	<p>Shower rose and arm 15mm (CP 027) with one 1/2"FI inlet and one outlet, Chrome plated SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and must be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Shower rose and arm one 1/2" FI inlet and one 1/2"FI outlet. • All components to be chrome plated. • Shower arm will be SANS (SABS) approved. • Each shower arm will be marked SANS (SABS). • Shower arm 15mm (CP 027) 	STATE: _____
1.23.2.1	Shower rose and arm CP 15mm.	

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	ICN: 4510T05050767	STATE: _____
1.23.2.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.23.2 and 1.23.2.1</p> <p>Supplier:</p> <p>Dimensions:</p>	<p>S</p> <p>TATE: _____</p>
1.23.3	<p>Shower Rose, 15mm CP APEX SWIVEL 1/2" Flo inlet with ball joint, Chrome plated SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied, delivered, and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Adjustable shower rose 1/2" Flo inlets with ball joint. • All components to be chrome plated. • Handles: Star Dimensions • Adjustable shower rose will be SANS (SABS) approved. • Each adjustable shower rose will be marked SANS (SABS). • Shower Rose, 15mm CP APEX SWIVEL 	STATE: _____
1.23.3.1	<p>Shower Rose, 15mm CP APEX SWIVEL</p> <p>ICN: 4510T05060174</p>	STATE: _____
1.23.3.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.23.3 and 1.23.3.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.23.4.	<p>Adaptor PVC Male 50 mm x 1 1/2" SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • PVC soil & vent and waste system, SABS 967 approved. 	

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	<ul style="list-style-type: none"> • Adaptor male, PVC, 50 mm will be SANS (SABS) approved. • Each adaptor male PVC 50 mm will be marked SANS (SABS). 	STATE: _____
1.23.4.1	Adaptor PVC Male 50 mm x 1 1/2" SANS (SABS) approved. ICN: 5630T05002488	STATE: _____
1.23.4.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.23.4 and 1.23.4.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.23.5	<p>Brass shower P trap 1 1/2" will be supplied, shallow seal and chrome plated grating SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Shower P trap 1 1/2 will be supplied with shallow seal and chrome plated grating with screws. • Brass shower P trap will be SANS (SABS) approved. • Each brass shower p trap will be marked SANS (SABS). 	STATE: _____
1.23.5.1	Trap, p, Shower Brass 1- (1/2) with chrome plated grating ICN:4510T05047871	STATE: _____
1.23.5.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.23.7 and 1.23.7.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.24	ITEMS: BASIN, WASTE, ANTI THEFT WASTE, PLUG, TAPS, FLEXI CONNECTOR, TAPS, FLEXI P AND S TRAPS TO BE SUPPLIED AND DELIVERED AS PER SPECIFICATIONS AND ITEMS REQUIRED.	

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1.24.1	<p>Ceramic basin with pedestal and fixing bolts SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Basin size: not less than 510 x 405 • Colour white. • Two tap hole configuration. • Integrated overflow and chain stay hole through the centre semi-punched tap hole. • The following items must be included and supplied: • Fixing bolts 10 mm to fasten basin to masonry work. • Pedestal white. • All requirements and items will function as a unit. • Ceramic basin with pedestal will be SANS (SABS) approved. • Each ceramic basin with pedestal will be marked SANS (SABS). • Pedestal white. • All requirements and items will function as a unit. • Ceramic basin with pedestal will be SANS (SABS) approved. • Each ceramic basin with pedestal will be marked SANS (SABS). 	STATE: _____
1.24.1.1	<p>Ceramic basin with pedestal and fixing bolts SANS (SABS) approved.</p> <p>ICN: 4540T05072752</p>	STATE: _____
1.24.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.1 and 1.24.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.24.2.	A1 ¼' Basin waste long shank slotted SANS (SABS)	STATE: _____

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	<p>Minimum requirements:</p> <ul style="list-style-type: none"> • Will be slotted finish: chrome plated. • 62 mm flange. • 80 mm long shank slotted. • Brass back nut for waste with rubber seal. • Basin waste will be able to accommodate the anti-theft waste plug that will be supplied. • Basin waste long shank slotted will be SANS (SABS) approved. • Each basin waste long shank slotted will be marked SANS (SABS). 	
1.24.2.1	<p>Each basin waste long shank slotted will be marked SANS (SABS).</p> <p>ICN: 4540T05072746</p>	STATE: _____
1.24.2.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.2 and 1.21.2.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.24.3	<p>Anti-theft waste plug for waste (long shank slotted) SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Finish: chrome plated. • Anti-theft waste plug that cannot be taken after installation. • Anti-theft waste plug will be SANS (SABS) approved. • Each anti-theft waste plug will be marked SANS (SABS). 	STATE: _____
1.24.3.1	<p>Anti-theft waste plug for waste (long shank slotted) SANS.</p> <p>ICN: 4540T05072747</p>	STATE: _____

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1.24.3.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.3 and 1.24.3.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.24.4	<p>Pillar Tap, Star (1/2) 15mm, Chrome plated with rubber seal and brass SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied, delivered, and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Finish chrome plated. • With aerator outlet. • Set must consist of one Hot and one Cold tap. • Brass back nut for taps. • Rubber seal for taps. • Handles: Star • Star pillar tap will be SANS (SABS) approved. • Each star pillar tap will be marked SANS (SABS). 	STATE: _____
1.24.4.1	<p>Tap, pillar, ½ Elbow Action, chrome plated.</p> <p>ICN: 4510T05047347</p>	STATE: _____
1.24.4.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.4 and 1.24.4.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.24.5.	<p>Tap, Mixer Pillar Type ¾, Chrome plated with rubber seal and brass SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Finish chrome plated. • With aerator outlet. 	

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	Dimensions:	STATE: _____
1.24.7	<p>Tap Elbow Action pillar type 15mm 505-21B, Chrome plated with Rubber seal and brass SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied, delivered, and offloaded.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Finish chrome plated. • With aerator outlet. • Set must consist of one Hot and one Cold tap. • Brass back nut for taps. • Rubber seal for taps. • Tap Elbow Action Pillar type will be SANS (SABS) approved. 	STATE: _____
1.24.7.1	<p>Tap Elbow Action pillar type 15mm 505-21B.</p> <p>ICN:4710T05047663</p>	STATE: _____
1.24.7.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.7 and 1.24.7.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.24.8	<p>Tap, Basin, Chrome plated ½ Heavy pattern brass SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • Finish chrome plated. • With 15mm BSP Male inlet. • Set must consist of one Hot and one Cold indicators. • Brass back nut for taps. • Rubber seal for taps. • Handles: Star • Tap Basin will be SANS (SABS) approved. • Each tap basin will be marked SANS (SABS). 	STATE: _____

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1.24.8.1	Tap, Basin, ICN:4710T05047579	STATE: _____
1.24.8.1 A	Specify supplier(s) & dimensions as per paragraph 22.1.8 and 22.1.8.1 Supplier: Dimensions:	STATE: _____
1.24.9	Tap Bib brass 15mm, Chrome plated with SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied, delivered, and offloaded. Minimum requirements: <ul style="list-style-type: none"> • Finish chrome plated. • With BSP male inlet. • Set must consist of one Hot and one Cold indices. • Each tap bib brass 15mm will be marked SANS (SABS). 	STATE: _____
1.24.9.1	Tap, Bib, Brass, 15mm, cobra, SABS approved. ICN: 4710T05063813	STATE: _____
1.24.9.1 A	Specify supplier(s) & dimensions as per paragraph 1.24.9 and 1.24.9.1 Supplier: Dimensions:	STATE: _____
1.24.10.	Set of 1/2" levered pattern pillar taps, Chrome plated SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • Finish chrome plated. • With aerator outlet. • Set will consist of one Hot and one Cold tap. 	STATE: _____

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	<ul style="list-style-type: none"> • Brass back nut for taps. • Rubber seal for taps. • Handles: Star • Star pillar tap will be SANS (SABS) approved. • Each star pillar tap will be marked SANS (SABS). 	
1.24.10.1	Set of 1/2" levered pattern pillar taps, Chrome plated sans(sabs) approved. ICN: 4540T05072753	STATE: _____
1.24.10.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.10 and 1.24.10.1</p> Supplier: Dimensions:	STATE: _____
1.24.1	Flexi combination double trap 40 mm x 300 mm will be black SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • Flexi combination double trap 40 m x 300 mm. • Each flexi combination double trap will be supplied with four 40 mm clamps complete. • Colour: black. • Flexi combination double trap will be SANS (SABS) approved. • Each flexi combination double trap will be marked SANS (SABS). 	STATE: _____
1.24.1.1	Trap, flexi, double, combination, 40mm x 300mm ICN:4510T05016432	STATE: _____
1.24.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.24.1 and 1.24.1.1</p>	

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	Supplier: Dimensions:	STATE: _____
1.24.2	Flexi mini-P trap reseal 40 mm x 40 mm will be SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered Minimum requirements: <ul style="list-style-type: none"> • Flexi mini-P trap reseal 40 mm x 40 mm at two ends • Each flexi mini-P trap reseal will be supplied with two 40 mm clamps complete. • Colour: black. • Flexi mini-P trap will be SANS (SABS) approved. • Each flexi mini-P trap will be marked SANS (SABS). 	STATE: _____
1.24.2.1	Flexi mini-P trap reseal 40 mm x 40 mm. ICN:4540T05072750	STATE: _____
1.24.2.1 A	Specify supplier(s) & dimensions as per paragraph 1.24.1 and 1.24.2.1 Supplier: Dimensions:	STATE: _____
1.24.3	Trap P flexi reseal 40mm x 32mm will be SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> • Flexi P trap 40 mm x 32mm with two clamps complete for each P-trap. Colour: white. • Flexi P trap will be SANS (SABS) approved. • Each flexi P trap will be marked SANS (SABS). 	STATE: _____

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1.24.3.1	Trap, Flexi S, 32 mm X 40 mm, Black, SANS (SABS) Approved ICN: 4510T05047870	STATE: _____
1.24.3.1 A	Specify supplier(s) & dimensions as per paragraph 1.24.3 and 1.24.3.1 Supplier: Dimensions:	STATE: _____
1.24.4	S Trap 40mm x 32mm flexi reseal will be SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered Minimum requirements: <ul style="list-style-type: none"> • Flexi S trap 40 mm x 32mm with two clamps complete for each S-trap. Colour: Black. • Flexi S trap will be SANS (SABS) approved. • Each flexi S trap will be marked SANS (SABS). 	STATE: _____
1.24.4.1	Trap, Flexi S, 32 mm X 40 mm, Black, SANS (SABS) Approved ICN: 4510T05089011	STATE: _____
1.24.4.1 A	Specify supplier(s) & dimensions as per paragraph 1.24.4 and 1.24.4.1 Supplier: Dimensions:	STATE: _____
1.25	CONSERVANCY WATER TANKS	
1.25.1	Tank, Water, 5000 Litres Conservancy, Tank, Polyethylene material SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.	

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	<p>Minimum requirements:</p> <ul style="list-style-type: none"> • The water conservancy tank will have two (inlets) accesses at the top on opposite sides into the water conservancy tank that will accommodate a 2" female, 1" female and 3/4" female connections, 3/4" male stop ends. • The water conservancy tank will have two outlets accesses at the bottom on opposite sides into the water conservancy tank that will accommodate a 2" female, 1" female and 3/4" female connections, 3/4" male stop ends. • The top and bottom accesses inlets and outlets will be closed accordingly. • All accesses will be closed, and connections will be made accordingly to sizes: 2" female or 1" female or 3/4" female as required for every application. • The water conservancy tank will be closed on top with an access point that can be closed or open at any time for cleaning and services to unit and keep out leaves and insects. • The water conservancy tanks (units) will be vertical tanks. • Each water conservancy tank will be supplied with one lockable brass tap with a 3/4" male connection. • The water conservancy tank will be SANS (SABS) approved. • The water conservancy tank will be marked SANS (SABS). • Units to be manufactured with Polyethylene. • The following water conservancy tanks (units) to be supplied and delivered with the minimum requirements mentioned above will be as follows in the following sizes: • Tank, Water, 5000 Litres Conservancy, Tank, Polyethylene material 	
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		STATE: _____
1.25.1.1	<p>Tank, water,5000 litres conservancy, tank, polyethylene material, vertical, one x 2" top connector with 1½ female inlet connection, one x 2" bottom connector with 1½female outlet connection, two x 1½" stop ends, top access lid, SANS (SABS) approved to be supplied, delivered, and offloaded as per minimum requirements.</p> <p>ICN:6680T05074310</p>	STATE: _____
1.25.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.25.1 and 1.25.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.25.2	<p>Tank, water ,10 000L with Accessories SANS (SABS) approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • The water conservancy tank will have two (inlets) accesses at the top on opposite sides into the water conservancy tank that will accommodate a 2" female, 1" female and ¾" female connections, ¾" male stop ends. • The water conservancy tank will have two outlets accesses at the bottom on opposite sides into the water conservancy tank that will accommodate a 2" female, 1 "female and ¾" female connections, ¾" male stop ends. • The top and bottom accesses inlets and outlets will be closed accordingly. • All accesses will be closed, and connections will be made accordingly to sizes: 2" female or 1" female or ¾" 	

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	<p>female as required for every application.</p> <ul style="list-style-type: none"> • The water conservancy tank will be closed on top with an access point that can be closed or open at any time for cleaning and services to unit and keep out leaves and insects. • The water conservancy tanks (units) will be vertical tanks. • Each water conservancy tank will be supplied with one lockable brass tap with a 3/4" male connection. • The water conservancy tank will be SANS (SABS) approved. • The water conservancy tank will be marked SANS (SABS). • Units to be manufactured with Polyethylene. • The following water conservancy tanks (units) to be supplied and delivered with the minimum requirements mentioned above will be as follows in the following sizes: <ul style="list-style-type: none"> • Tank, water ,10 000L JOJO with Accessories 	STATE: _____
1.25.2.1	<p>Tank, water, 10000L, JOJO, W / ACCESSORIES</p> <p>ICN:6680T05046515</p>	STATE: _____
1.25.2.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.25.2 and 1.25.2.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.25.3	<ul style="list-style-type: none"> • Automatic pressure boosting pump system, V220-240 with all accessories pipes SABS approved will comply with minimum requirements, supplied, and delivered. <p>ICN:4710T05073988</p>	STATE: _____
1.25.3 A	<p>Specify supplier(s) & dimensions as per paragraph 1.25.3</p>	

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	Supplier: Dimensions:	STATE: _____
1.26	ITEMS FOR DISABLED FACILITIES TO BE SUPPLIED AND DELIVERED AS PER SPECIFICATIONS AND MAIN DISCRPTION I REQUIRED.	
1.26.1	Holder, Toilet Stainless Steel, 3 Tier ICN:6530T05052147	STATE: _____
1.26.1 A	Specify supplier(s) & dimensions as per paragraph 1.26.1 Supplier: Dimensions:	STATE: _____
1.26.2	Dispenser, hand soap ICN:7240T05044227	STATE: _____
1.26.3	Specify supplier(s) & dimensions as per paragraph 1.26.3 Supplier: Dimensions:	STATE: _____
1.26.4	Rail, Grab, Paraplegic, Dog leg side rail REF DL 3 ICN:5340T05047651	STATE: _____
1.26.4A	Specify supplier(s) & dimensions as per paragraph 1.26.4. Supplier: Dimensions:	STATE: _____
1.26.5	Rail, Grab, Paraplegic, Cistern back Rail REF SR2 ICN:5340T05047653	STATE: _____

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1.26.5A	<p>Specify supplier(s) & dimensions as per paragraph 1.26.5</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.27	CELL BLOCK UNITS AND ACCESSORIES	
1.27.1	<ul style="list-style-type: none"> • Pot and sink table catering unit, Length 1800mm, width 600mm, high 1000, stainless steel grade 304 with flashback, turndown and beaded edges, legs with adjustable foot pieces, framework, slatted under shelving as per minimum requirements. 	STATE: _____
1.27.1.1	<p>Pot and sink table catering unit, Length 1800mm, width 600mm, high 1000, stainless steel grade 304.</p> <p>ICN: 5340T05067760</p>	STATE: _____
1.27.1.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.27.1 and 1.27.1.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.27.2	<ul style="list-style-type: none"> • Bowl water closet p-trap pan stainless steel toilet, prison wc shrouded pan stainless steel SANS(SABS), Approved • Minimum Requirements: • Toilet prison WC shrouded pan will be made from stainless steel SANS (SABS) approved material. • S/Steel prison toilet pan will have a stainless-steel inlet 38mm in diameter. • S/Steel prison toilet pan will have a s/steel outlet 110mm in diameter. 	STATE: _____

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	<ul style="list-style-type: none"> • Both S/Steel inlet and outlet piping will be extended not less than 450mm from the toilet wall flange fixture side • S/Steel prison toilet pan will manufacture from 1.2mm thick s/steel material, stainless steel welding, outer body totally enclosed, extended piping, integral P trap external flanged and fabricated WC shroud included as one complete unit • None stop s/steel external flange unit to fix pan to wall by means of plastering and to floor by means of topping and floor screed. 	
1.27.2.1	<p>Bowl, water closet, p-trap pan, S/STEEL, Concealed flush master.</p> <p>ICN:4510T05013716</p>	STATE: _____
1.27.2.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.27.2 and 1.27.2.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.27.3	<p>Fountain, drinking, stainless steel hand basin/drinking fountain SANS (SABS) approved, will comply with minimum requirement as indicated hereunder and will be supplied and delivered.</p> <p>Minimum requirements:</p> <ul style="list-style-type: none"> • The unit will be completely manufacture with stainless steel material and will be manufactured from 1.2mm stainless steel grade 304 (8/10) • Drinking Fountain/Hand basin will have at least 4 s/steel build –in lugs. • Drinking Fountain /hand basin will be fully welded and polished. • Drinking Fountain/hand washing basin will have concealed 38mm outlet that 	

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	<p>will accommodate a bath /sink waist^{1/2}</p> <ul style="list-style-type: none"> • Drinking Fountain/hand basin will be complete with a 15mm C/P 101-D bib cock. • Special spanner will be supplied with each drinking fountain that will be used to loosen and fasten the push button mechanism for repairs and servicing of the unit. 	STATE: _____
1.27.3.1	<p>Fountain drinking stainless steel.</p> <p>ICN: 7240T05012933</p>	STATE: _____
1.27.3.1 A	<p>Specify supplier(s) & dimensions as per paragraph 1.27.3 and 1.27.3.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.27.4	<ul style="list-style-type: none"> • Prison Dimensions steel pan model VR button, 25mm BSP, Concealed, DZR brass toilet flushing valve with S.S WC pan adaptor, VR button and concealed flush pipe for S.S pan with compression solder adaptor for stainless steel prison complete, to be ideal for prisons, police stations and high-risk vandalism application, SANS(SABS) Approved. walcro 104 WC or similar approved. 	STATE: _____
1.27.4.1	<p>Valve, flushing, cell toilet, walcro 104 WC</p> <p>ICN: 4820T05047655</p>	STATE: _____
1.27.4.1. A	<p>Specify supplier(s) & dimensions as per paragraph 1.27.4 and 1.27.4.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____

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1.27.5	<p>Valve shower push button, vandal resistant female BSP 15mm, ½ female inlet and outlet, SABS(SANS) Approved, 150 NHS or 155S with sleeves or similar approved.</p> <p>Minimum requirement:</p> <ul style="list-style-type: none"> • Shower push button ½ Female inlet and ½ outlet that will be built into the walls. • Shower push button part and vandal proof sleeve will be flush with each other and flush with the wall when build into wall at shower area (Sleeve and push button will be one unit when supplied and installed) • Special sleeve spanner will supply with each shower push button that will be used to loosen and fasten the push button mechanism for repairs and serving of the unit. • Shower push button will be SANS(SABS) approved 	STATE: _____
1.27.5.1	<p>Valve, Shower, push button, vandal resistant female, BSP 15mm</p> <p>ICN:4510T05044209</p>	STATE: _____
1.27.5.1A	<p>Specify supplier(s) & dimensions as per paragraph 1.27.5 and 1.27.5.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____
1.27.6	<p>Shower head, vandal resistant female< BSP 15mm shower head ½ female inlet will be SANS(SABS) approved.</p> <p>Minimum requirement:</p> <ul style="list-style-type: none"> • Shower head ½ female inlet that will be mounted onto the shower wall. 	

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	<ul style="list-style-type: none"> Shower head will be vandal proof and will be mounted flush with the walls after pipe work is completed. Special spanner and tool will be supplied with each shower head that will be used to loosen and fasten the pushbutton mechanism for repairs and servicing of the unit. Shower Push button will SANS (SABS)Approved 	STATE: _____
1.27.6.1	Shower head, Vandal resistant female, BSP 15mm ICN:4710T05044208	STATE: _____
1.27.6.1 A	Specify supplier(s) & dimensions as per paragraph 1.27.6 and 1.27.6.1 Supplier: Dimensions:	STATE: _____
1.27.7	Stainless Steel Grease Trap Unit with Lid, 110mm Inlet and outlet sewer SANS(SABS), Approved ICN:5340T05064886	STATE: _____
1.27.7A	Specify supplier(s) & dimensions as per paragraph 1.27.7 Supplier: Dimensions:	STATE: _____
1.27.8	Shower P trap brass 1 ^{1/2} will be supplied, shallow seal and chrome plated grating SANS (SABS) Approved, will comply with minimum requirements as indicated hereunder and will be supplied and delivered. Minimum requirements: <ul style="list-style-type: none"> Shower P trap 1^{1/2} will be supplied with shallow seal and chrome plated grating with screws. 	

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	<ul style="list-style-type: none"> • Brass shower P trap will be SANS (SABS) Approved • Shower P trap will have a short shank 	STATE: _____
1.27.8.1	<ul style="list-style-type: none"> • Shower, P-Trap, with brass Grid ICN:4510T05012484	STATE: _____
1.27.8.1 A	<p>Specify supplier(s) & dimensions as per paragraph 2 1.27.8 and 1.27.8.1</p> <p>Supplier:</p> <p>Dimensions:</p>	STATE: _____

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