## RFP033/2024 ANNEXURE A BOQ

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	SECTION NO 1 - PRELIMINARIES				
	BILL NO 1				
	PRELIMINARIES AND GENERALS				
	<u>NOTES</u>				
	The agreement is to be a remedial work contract				
	agreement that will be signed between the				
	Employer (DBSA) and Contractor upon				
	acceptance of the tender offer				
	The Tenderer is referred to the relevant Clauses				
	in the separate document Model Preambles for				
	Trades (2008 Edition)				
	Tomporany works and plant				
	Temporary works and plant				
	The contract of the Harrison o				
	The contractor shall protect, uphold and maintain				
	utilities and services and shall not interfere with				
	without the consent of the service authorities				
	agent. The contractor shall notify the Employer's				
	damage to such services and shall make good				
	cost to the satisfaction of the service authorities				
	Fuel, power and water for commissioning of				
	other specialised equipment shall also include for				
	necessary reticulation and connections thereto				
	The contractor shall provide noise and dust				
	approval of the Employer's Representative				
	The contractor shall maintain the access roads,				
	buildings, etc, adjacent to the construction area				
	period of the works in a clean and rubble free				
	Identity of employees				
	All employees of the contractor and his sub				
	identifiable at all times by means of ID cards,				
	and logos imprinted on overalls. Any person				
	complying with the abovementioned conditions				
	shall be requested by Employer's Representative,				
	from the site				
				1	
<u> </u>	Health and Safety				1
<u> </u>	The contractor is to comply with all requirements				
	and Safety Specification				
	Housekeeping and compliance with Employer's				
	The contractor will be responsible for a high				
	housekeeping in his site establishment, delivery				
	and goods and removal of rubble, debris, etc,				
	and construction working areas to the approval				
	Employer's Representative				
	Working Hours				
	Should the contractor wish to work outside				
	hours or at weekends in order to maintain his				
	programme, he shall notify and obtain the				
	Employer's Representative before doing so. The				
	be for the contractor's account				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
1	Provision for contractor's all risk insurance	ltem	1		
		item			
2	Provision for all health and safety requirements in cluding a qualified OHS officer.	ltem	1		
3	Management of the works, programming for the works, progress meetings, technical meetings, etc	ltem	1		
4	Telecommunication allowance	ltem	1		
5	Plant Hire allowance	Item	1		
6	Storange shed allowance	Item	1		
7	Scaffolding allowance	Item	1		
8	Ablution Facilities allowance	Item	1		
9	Office facilities	Item	1		
10	Hoarding of site and all signage applicable	Item	1		
11	Mechanical Engineer Pr. Eng / Pr. Tech10 years post registration ECSA				
	6 Cubic Metres Skips Hire		2		
12	Quantity Surveyor Pr. QS 10 years post registration				
13	Civil Engineer Pr. Eng / Pr. Tech. Eng) 10 years				
	Project Manager (Team leader) (SACPCMP -				
14	PrCPM) 10 years				
15	Construction Health and Safety Agent SACPCMP 5 years post registration				
16	Health and Safety Officer registered with SACPCMP five years post registration	ltem	1		
17	Fire fighting equipment allowance	ltem	1		
18	Site Supervision full time	ltem	1		
19	House keeping on site	Item	1		
20	Fixed cost charges	Item	1		

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	CARRIED TO SUMMARY				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	SECTION NO. 2 - VULINDLELA - FLAT ROOF				
	BILL NO 1 - ALTERATIONS				
	The Tenderer is referred to the relevant Clauses				
	in the separate document Model Preambles for				
	Trades (2008 Edition)				
	SUPPLEMENTARY PREAMBLES				
	<u>View site</u>				
	Defense och veikking bis ten den the senten stan shell.				
	Before submitting his tender the contractor shall				
	visit the site and satisfy himself as to the nature and extent of the work to be done and the value				
	of the materials contained in the buildings or				
	portions of the buildings to be demolished. No				
	claim for any variations of the contract sum in				
	respect of the nature and extent of the work or of				
	inferior or damaged materials will be entertained				
	General				
	The contractor shall carry out the whole of the				
	works with as little mess and noise as possible				
	and with a minimum of disturbance to adjoining				
	premises and their tenants. He shall provide				
	proper protection and provide, erect and remove				
	when directed, any temporary tarpaulins that				
	may be necessary during the progress of the				
	works, all to the satisfaction of the principal				
	agent				
	Description for the future for each list of the				
	Doors, fanlights, fittings, frames, linings, etc				
	which are to be re-used shall be thoroughly				
	overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging				
	as required and making good cramps, dowels,				
	etc, and easing, oiling, adjusting and repairing				
	ironmongery as necessary, replacing any glass				
	damaged in removal or subsequently and				
	stopping up all nail and screw holes with tinted				
	plastic wood to match timber, unless otherwise				
	described. Re-painting or re-varnishing is given				
	separately				
	Prices for taking out of doors, windows, etc shall				
	include for removal of all beads, architraves,				
	ironmongery, etc				
	Prices for taking out and removing doors and				
	frames shall include for removing door stops,				
	cabin hooks, etc and making good floor and wall				
	finishes to match existing				ļ

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	With regard to building up of openings in existing				
	walls, cement screeds and pavings, granolithic,				
	tops of walls, etc, shall be levelled and prepared				
	for raising of brickwork				
	Making good of finishes shall include making				
	good of the brick and concrete surfaces onto				
	which the new finishes are applied, where				
	necessary				
	The contractor will be required to take all				
	dimensions affecting the existing buildings on the				
	site and he will be held solely responsible for the				
	accuracy of all such dimensions where used in				
	the manufacture of new items (doors, windows,				
	fittings, etc)				
	Items described as to be re-used or to be handed				
	over to the Client are to be carefully dismantled				
	where necessary and stacked on site where				
	directed, and the Contractor will be responsible				
	for their removal and storage until required, and				
	shall make good all items missing, damaged or				
	broken at his own expense				
	Unless otherwise described, no materials from				
	the alterations shall be re-used in any new work				
	without the written approval of the client.				
	Driego are to include for parting queu from site all				
	Prices are to include for carting away from site all				
	materials not specifically mentioned as being stored on site for re-use or handed over to the				
	client and all rubbish, debris, etc., arising from				
	the alterations, etc., and for making good all work				
	damaged or disturbed to the approval of the				
	client				
<u> </u>					
	REMOVAL OF EXISTING WORK				
	Hacking up/off and removing granolithic, screeds,				
	plaster, waterproofing, etc from concrete or				
	brickwork and preparing surfaces for new				
	screeds, plaster, waterproofing, etc				
			22		
21	Remove concrete stones on roof and cart away	M3	22		
	Remove and cart away waterproofing membrane	M <sup>2</sup>			
22	of roof slab	IVI	2285		
			2205		
	Remove all screed and prepare to lay new screed	M <sup>2</sup>			
23	to fall	141	2284		
24	Allow for preasure washing of roof slab	M <sup>2</sup>	2285		
	BILL NO 2 - WATERPROOFING				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	SUPPLEMENTARY PREAMBLES	UIII	~~~		,
	<u></u>				
	Waterproofing				
	Waterproofing of roofs, basements, etc shall be				
	laid under a ten year guarantee. Waterproofing				
	to roofs shall be laid to even falls to outlets etc				
	with necessary ridges, hips and valleys.				
	Descriptions of sheet or membrane				
	waterproofing shall be deemed to include				
	additional labour to turn-ups and turn-downs.				
	Tenderer must attach manufacturer's				
	specification for their waterproofing system				
	The sector is the line of the sector (40)				
	The contractor shall provide a written Ten (10)				
	years warranty for workmanship, materials and				
	installation from the date of certified				
	completion.				
	WATERPROOFING TO ROOFS, BASEMENTS, ETC				
	Waterproofing shall be laid in a torch fussion				
	method and in double carrier 4mm and 4mm				
	respectively				
	Lay new screed to fall using StoncorAfrica				
	(Versaspeed LS100 Rapid Hardening repair motar)				
	laid at 50mm according to manufacture				
	<u>specification</u>				
25	On flat roofs	M <sup>2</sup>	2285		
		IVI	2205		
26	On top of parapet walls	M <sup>2</sup>	220		
	Cementious waterproofing system (Stoncor)				
	comprising patching defects with polymer				
	modified flexible (Pro-stuct610) waterproofing				
	slurry and three full coats waterproofing slurry				
	applied with a brush to a final dry film thickness				
	of 2 to 3mm or similar approved				
27	On flat roofs	M <sup>2</sup>	2285		
		n	220-		
28	Apply one (1) coat of bituminous primer (Pro-Strue	M <sup>2</sup>	2285		
	Lay one layer 4mm fully (Pro-Struct 1001 )				
	bonded waterproof membrane comprising two				
	bitumen layers reinforced with woven				
	spunbonded polyester fabric and coated with				
	polyethelene film for heat bonding, laid with				
	100mm side and 150mm end laps				
		2			
29	On flat roof	M <sup>2</sup>	2285		
30	On top of parapet walls	M <sup>2</sup>	220		
		IVI	220		
L			1	l	1

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	Lay second layer 4mm fully (Pro-Struct 1001)				
	bonded waterproof membrane comprising two				
	bitumen layers reinforced with woven				
	spunbonded polyester fabric and coated with				
	polyethelene film for heat bonding, laid with				
	100mm side and 150mm end laps				
31	On flat roof	M <sup>2</sup>	2285		
32	On top of parapet walls	M <sup>2</sup>	220		
		IVI	220		
	PROTECTIVE ROOFING PAINT				
	Two coats Pro-Struct202 bituminous aluminium pa	aint_			
33	On waterproofing to flat roofs	M <sup>2</sup>	2285		
34	On waterproofing to parapet walls	M <sup>2</sup>	220		
	CARRIED TO SUMMARY				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	SECTION NO 3 VULINDLELA PITCHED ROOF				
	BILL NO 1 - ALTERATIONS				
	The Tenderer is referred to the relevant Clauses				
	in the separate document Model Preambles for				
	Trades (2008 Edition)				
	SUPPLEMENTARY PREAMBLES				
	<u>View site</u>				
	Before submitting his tender the contractor shall				
	visit the site and satisfy himself as to the nature				
	and extent of the work to be done and the value				
	of the materials contained in the buildings or				
	portions of the buildings to be demolished. No				
	claim for any variations of the contract sum in respect of the nature and extent of the work or of				
	inferior or damaged materials will be entertained				
	interior of damaged materials will be entertained				
	General				
	The contractor shall carry out the whole of the				
	works with as little mess and noise as possible				
	and with a minimum of disturbance to adjoining				
	premises and their tenants. He shall provide proper protection and provide, erect and remove				
	when directed, any temporary tarpaulins that				
	may be necessary during the progress of the				
	works, all to the satisfaction of the principal				
	agent				
	Doors, fanlights, fittings, frames, linings, etc				
	which are to be re-used shall be thoroughly				
	overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging				
	as required and making good cramps, dowels,				
	etc, and easing, oiling, adjusting and repairing				
	ironmongery as necessary, replacing any glass				
	damaged in removal or subsequently and				
	stopping up all nail and screw holes with tinted				
	plastic wood to match timber, unless otherwise				
	described. Re-painting or re-varnishing is given				
	separately				
	Prices for taking out of doors, windows, etc shall				
	include for removal of all beads, architraves,				
	ironmongery, etc				
	Prices for taking out and removing doors and				
	frames shall include for removing door stops,				
	cabin hooks, etc and making good floor and wall				
	finishes to match existing				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	With regard to building up of openings in existing	01110	4.9	nute	, and and
	walls, cement screeds and pavings, granolithic,				
	tops of walls, etc, shall be levelled and prepared				
	for raising of brickwork				
	Making good of finishes shall include making				
	good of the brick and concrete surfaces onto				
	which the new finishes are applied, where				
	necessary				
	The contractor will be required to take all				
	dimensions affecting the existing buildings on the				
	site and he will be held solely responsible for the				
	accuracy of all such dimensions where used in				
	the manufacture of new items (doors, windows,				
	fittings, etc)				
	Items described as to be re-used or to be handed				
	over to the Client are to be carefully dismantled				
	where necessary and stacked on site where				
	directed, and the Contractor will be responsible				
	for their removal and storage until required, and				
	shall make good all items missing, damaged or				
	broken at his own expense				
	Unlass otherwise described as meterials from				
	Unless otherwise described, no materials from				
	the alterations shall be re-used in any new work				
	without the written approval of the client.				
	Prices are to include for carting away from site all				
	materials not specifically mentioned as being				
	stored on site for re-use or handed over to the				
	client and all rubbish, debris, etc., arising from				
	the alterations, etc., and for making good all work				
	damaged or disturbed to the approval of the				
	client				
35	Remove damaged tiles and replace with new	M <sup>2</sup>	396		
		-			
36	Remove old gutters	m	960		
	BILL NO 2 - WATERPROOFING				
	The Tenderer is referred to the relevant Clauses				
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for				
	Trades (2008 Edition)				
	WATERPROOFING TO ROOFS, BASEMENTS, ETC				
37	Water proofing of roof ridges with fiber paint	m	456		
	Water proofing of vollous with Diturcia and		500		
38	Water proofing of valleys with Bituminous	m	580		
	compound and membrane				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
39	Apply two(2) coats of carbolineum on roof rafters	m	1250		
	protruding at 500mm				
	BILL NO 3 - METALWORK				
	Replace the cutters and the down pipes with				
	industrial and same material				
40	Gutters	m	960,00		
	CARRIED TO SUMMARY				

ITEM NC	DESCRIPTION	Unit	Qty	Rate	Amount
	SECTION NO 4 - VULINDLELA IBR ROOF				
	BILL NO 1				
	PAINTWORK, ETC TO PREVIOUSLY PAINTEDWORK	<u>(</u>			
	SUPPLEMENTARY PREAMBLES				
	PREPARATORY WORK TO EXISTING WORK				
	Previously painted plastered surfaces				
	Surfaces shall be thoroughly washed down with a "Sugar Soap Solution"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				
	Previously painted metal surfaces				
	Surfaces shall be thoroughly rubbed and cleaned				
	down. Blistered or peeling paint shall be				
	Previously painted wood surfaces				
	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				
	Painting of existing Vulindlela Dome brick wall				
41	Prepare, Repair and Apply two(2) coats of Plascon or Dulux wall and all paint to existing	M <sup>2</sup>	320		
	Painting of IBR roof Vulindlela				
42	Clean IBR roof by means of preasurerised water with a good cleaning solvent ( Dome Area)	M <sup>2</sup>	560		
43	Apply DC4 rust inherbitor or any other suitable product for rust treatment ( Dome Area)	M <sup>2</sup>	560		
44	Apply bitumious compound sealant with membrane ( Dome Area)	M <sup>2</sup>	560		
45	Apply two(2) coats of Plascon cream whiteRoof paint on IBR roof ( Dome Area)	M <sup>2</sup>	560		
46	Apply two(2) caots of plascon enamel eggshell on Gutters and down pipes at Vulindlela Area and canteen Area	M <sup>2</sup>	1491		
47	Clean IBR roof by means of preasurerised water with a good cleaning solvent ( Canopy Area)	M <sup>2</sup>	84		
	with a good cleaning solvent ( carlopy Area)				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
48	Apply DC4 rust inherbitor or any other suitable	M <sup>2</sup>	84		
	product for rust treatment (Canopy Area)				
		2			
49	Apply two(2) coats of Plascon cream whiteRoof paint on IBR roof ( Canopy Area)	M <sup>2</sup>	84		
50	Apply DC4 rust inherbitor or any other suitable product for rust treatment Steel work at Canopy	M <sup>2</sup>	61		
	Area)				
51	Apply two(2) coats of Plascon enamel eggshell	M <sup>2</sup>	61		
	CARRIED TO SUMMARY				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	SECTION NO 5 - VULINDLELA SKYLIGHT ROOF				
	<u>BILL NO 1</u>				
	ALTERATIONS				
	ALLAHONS				
	SUPPLEMENTARY PREAMBLES				
	<u>View site</u>				
	Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained				
	General				
	The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent				
	Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately				
	Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc				
	Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing				
	With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork				

	DESCRIPTION	Unit	Qty	Rate	Amount
	Making good of finishes shall include making				
	good of the brick and concrete surfaces onto				
	which the new finishes are applied, where				
	necessary				
	The contractor will be required to take all				
	The contractor will be required to take all dimensions affecting the existing buildings on the				
	site and he will be held solely responsible for the				
	accuracy of all such dimensions where used in				
	the manufacture of new items (doors, windows,				
	fittings, etc)				
	Items described as to be re-used or to be handed				
	over to the Client are to be carefully dismantled				
	where necessary and stacked on site where				
	directed, and the Contractor will be responsible				
	for their removal and storage until required, and				
	shall make good all items missing, damaged or				
	broken at his own expense				
	Unless otherwise described, no materials from				
	the alterations shall be re-used in any new work				
	without the written approval of the client.				
	Prices are to include for carting away from site all				
	materials not specifically mentioned as being				
	stored on site for re-use or handed over to the				
	client and all rubbish, debris, etc., arising from				
	the alterations, etc., and for making good all work				
	damaged or disturbed to the approval of the				
	client				
	Replacement of leaking skylight roof Vulundlela				
	Remove damaged or cracked glass panes on	No	66		
	skylight and set aside for reuse. Panel 1.1m				
	x1.1m				
53		No	66		
	Remove and replace worn out rubbers between	NU	00		
	glass and skylight frames. Panel 1.1m x1.1m				
	giass and skylight frames. Parel 1.1m X1.1M				
54	Supply and install flashing between wall and skylig	m	92		
	CARRIED TO SUMMARY				
			1		

TEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	SECTION NO 6 - BASEMENT STORE ROOM CONCR	<u>ETE SLAB</u>			
	BILL NO 1				
	ALTERATIONS				
	SUPPLEMENTARY PREAMBLES				
	<u>View site</u>				
	Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of				
	inferior or damaged materials will be entertained				
	General				
	The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent				
	Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately				
	Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc				
	Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing				
	With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork				

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary       Image: Contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)       Image: Contractor will be required to take all dimensions where used in the manufacture of new items (doors, windows, fittings, etc)       Image: Contractor will be required to take all dimensions where used in the manufacture of new items (doors, windows, fittings, etc)       Image: Contractor will be required to take all dimensions where used in the manufacture of new items (doors, windows, fittings, etc)       Image: Contractor will be required, and shall make good all items missing, damaged or broken at his own expense       Image: Contractor will be required, and shall make good all items missing, damaged or broken at his own expense       Image: Contractor will be required, and shall make good all items missing, damaged or broken at his own expense       Image: Contractor will be required, and shall make good all items missing, damaged or broken at his own expense       Image: Contractor will be required and the contractor will be required and the shall where, tech. arting may from site all material not specifically mentioned as being stored on site for re-use or handed over to the client and all rubbits, deck. arting good all work damaged or disturbed to the approval of the client and all rubbits, deck. arting from the alterations, etc., and for making good all work damaged or disturbed to the approval of the client and all rubbits, deck. arting from the alterations, etc., and for making good all work damaged or disturbed to the approval of the client all rubbits deck. The contractore shall	ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
good of the brick and concrete surfaces onto       which the new finishes are applied, where          necessary           The contractor will be required to take all       dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)          Items described as to be re-used or to be handed over to the Client are to be carefully dismantled where necessary and stacked on site where directed, and the Contractor will be responsible for the irremoval and storage until required, and shall make good all items missing, damaged or broken at his own expense           Unless otherwise described, no materials from the alterations shall be re-used in any new work without the written approval of the client.            Prices are to include for carting away from site all materials not specifically mentioned as being stored on site for re-use or handed over to the client all rubbish, debris, etc., aning from the alterations, etc., and for making good all work damaged or disturbed to the approval of the client.            55       Luplifting of paving blocks and set aside for re-use M <sup>2</sup> 75            56       Excavation to expose concrete slab. Excavated material to be stock pilled on site for re-instatement       material to be stock pilled on site for re-instatement            57       Uplifting of here statis r		Making good of finishes shall include making				
which the new finishes are applied, where       Image: State of the s						
necessary       necessary         The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)         Items described as to be re-used or to be handed over to the Client are to be carefully dismantied where necessary and stacked on site where directed, and the Contractor will be responsible for their removal and storage until required, and shall make good all items missing, damaged or broken at his own expense       necessary         Unless otherwise described, no materials from the alterations shall be re-used in any new work without the written approval of the client.       necessary         Prices are to include for carting away from site all materials not specifically mentioned as being stored on site for re-use or handed over to the client.       necessary         55       Uplifting of paving blocks and set aside for re-use       M <sup>2</sup> 75         56       Excavation to expose concrete slab. Excavated material to be stock pilled on site for re-instatement       m3       60         57       Uplifting of paving blocks and set aside for re-use M <sup>2</sup> 75       10         58       Excavation to expose concrete slab. Excavated material to be stock pilled on site for re-instatement       m3       60         57       Uplifting of paving blocks and set aside for re-instatement       11       12         58       Excavation to expose contrefeet allow M <sup>2</sup> </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>		-				
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		BILL NO 2 - WATERPROOFING				
		SUPPLEMENTARY PREAMBLES				
Waterproofing						
		Waterproofing				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	Waterproofing of roofs, basements, etc shall be				
	laid under a ten year guarantee. Waterproofing				
	to roofs shall be laid to even falls to outlets etc				
	with necessary ridges, hips and valleys.				
	Descriptions of sheet or membrane				
	waterproofing shall be deemed to include				
	additional labour to turn-ups and turn-downs.				
	Tenderer must attach manufacturer's				
	specification for their waterproofing system				
	The contractor shall provide a written Ten (10)				
	years warranty for workmanship, materials and				
	installation from the date of certified				
	completion.				
	WATERPROOFING TO ROOFS, BASEMENTS, ETC				
61	Lay new screed to fall using StoncorAfrica	M <sup>2</sup>	324		
	(Versaspeed LS100 Rapid Hardening repair motar)				
	laid at 50mm according to manufacture				
	specification				
62	Cementious waterproofing system (Stoncor)	M <sup>2</sup>	366		
	comprising patching defects with polymer				
	modified flexible (Pro-stuct610) waterproofing				
	slurry and three full coats waterproofing slurry				
	applied with a brush to a final dry film thickness				
	of 2 to 3mm or similar approved				
63	Apply one (1) coat of bituminous primer (Pro-Strue	M <sup>2</sup>	324		
	Lay one layer 4mm fully (Pro-Struct 1001 )				
	bonded waterproof membrane comprising two				
	bitumen layers reinforced with woven				
	spunbonded polyester fabric and coated with				
	polyethelene film for heat bonding, laid with				
	100mm side and 150mm end laps				
64	On flat roof	M <sup>2</sup>	366		
65	On over laps	M <sup>2</sup>	82		
	Lay second layer 4mm fully (Pro-Struct 1001)				
	bonded waterproof membrane comprising two				
	bitumen layers reinforced with woven				
	spunbonded polyester fabric and coated with				
	polyethelene film for heat bonding, laid with 100mm side and 150mm end laps				
66	On flat roof	M <sup>2</sup>	366		
<i>с</i> 7		?	62		
67	On over laps	M <sup>2</sup>	82		
	PAINTING PREPARATORY WORK TO EXISTING WO	<u>INK</u>			
	Previously painted plastered surfaces				

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	Surfaces shall be thoroughly washed down with a				
	"Sugar Soap Solution"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				
	Previously painted metal surfaces				
	Surfaces shall be thoroughly rubbed and cleaned				
	down. Blistered or peeling paint shall be				
	completely removed down to bare metal				
	Previously painted wood surfaces				
	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				
	Block A				
	Walkway (a)	M <sup>2</sup>	120		
	Walkway (b)	M <sup>2</sup>	140		
	Walkway (c)	M <sup>2</sup>	140		
	Walkway (d)	M <sup>2</sup>	140		
	Square Columns	M <sup>2</sup>	11700		
	Circular Columns	M <sup>2</sup>	1400		
	Slab (a)	M <sup>2</sup>	120		
	Slab (b)	M <sup>2</sup>	140		
	Slab (c)	M <sup>2</sup>	180		
	Slab (d)	M <sup>2</sup>	140		
	Concrete Gutter	M <sup>2</sup>	260		
	Beams	M <sup>2</sup>	8640		
	Block B				
	Walkway (a)	M <sup>2</sup>	120		
	Walkway (b)	M <sup>2</sup>	140		
	Walkway (c)	M <sup>2</sup>	180		
	Walkway (d)	M <sup>2</sup>	140		
	Square Columns	M <sup>2</sup>	11700		
	Circular Columns	M <sup>2</sup>	1400		
	Slab (a)	M <sup>2</sup>	120		
	Slab (b)	M <sup>2</sup>	140		
	Slab (c)	M <sup>2</sup>	180		
	Slab (d)	M <sup>2</sup>	140		
	Concrete Gutter	M <sup>2</sup>	260		
	Beams	M <sup>2</sup>	8640		
	Block C	M <sup>2</sup>	120		
	Walkway (a)		120		
	Walkway (b)	M <sup>2</sup> M <sup>2</sup>	140		
	Walkway (c)	M <sup>2</sup>	180		
	Walkway (d)	M <sup>2</sup>	140		
L	Square Columns	IVI	11700		

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	Circular Columns	M <sup>2</sup>	1400		
	Slab (a)	M <sup>2</sup>	120		
	Slab (b)	M <sup>2</sup>	140		
	Slab (c)	M <sup>2</sup>	180		
	Slab (d)	M <sup>2</sup>	140		
	Concrete Gutter	M <sup>2</sup>	260		
	Beams	M <sup>2</sup>	8640		
	Block D				
	Walkway (a)	M <sup>2</sup>	120		
	Walkway (b)	M <sup>2</sup>	140		
	Walkway (c)	M <sup>2</sup>	180		
	Walkway (d)	M <sup>2</sup>	140		
	Square Columns	M <sup>2</sup>	11700		
	Circular Columns	M <sup>2</sup>	1400		
	Slab (a)	M <sup>2</sup>	120		
	Slab (b)	M <sup>2</sup>	140		
	Slab (c)	M <sup>2</sup>	180		
	Slab (d)	M <sup>2</sup>	140		
	Concrete Gutter	M <sup>2</sup>	260		
	Beams	M <sup>2</sup>	8640		
	Glass Marquee		0010		
	Concrete Gutter	M <sup>2</sup>	100		
	Circular Columns	M <sup>2</sup>	300		
	Circular Columns	M <sup>2</sup>	30		
	Steel Balustrade	M <sup>2</sup>	45		
	Columns on Balustrade	M <sup>2</sup>	120		
	Canteen				
	Upstand Beam West	M <sup>2</sup>	40		
	Upstand Beam South	M <sup>2</sup>	25		
	Upstand Beam East	M <sup>2</sup>	40		
	Upstand Beam North	M <sup>2</sup>	20		
	Feature Beam 1	M <sup>2</sup>	80		
	Feature Beam 2	M <sup>2</sup>	240		
	Feature Beam 3	M <sup>2</sup>	480		
	Feature Beam 4	M <sup>2</sup>	280		
	Vulindlela South	M <sup>2</sup>			
	Steel Gutter ( 250mm )	M <sup>2</sup>	80		
	Steel Gutter ( 150mm )	M <sup>2</sup>	70		
	Square Down Pipe ( 100mm)	M <sup>2</sup>	160		
	Circular Down Pipes (100mm)	M <sup>2</sup>	180		
	Concrete Gutter	M <sup>2</sup>	330		
	Steel columns	M <sup>2</sup>	640		
	Steel Beams	M <sup>2</sup>	400		
	Steel perforated panels	M <sup>2</sup>	360		
	Vulindlela East				
	Steel Gutter ( 250mm )	M <sup>2</sup>	30		
	Square Down Pipe ( 100mm)	M <sup>2</sup>	450		
	Concrete Beam	M <sup>2</sup>	50		
	Vulindlela North				
	Steel Gutter ( 250mm )	M <sup>2</sup>	35		
	Square Down Pipe (100mm)	M <sup>2</sup>	60		

EM NO	DESCRIPTION	Unit	Qty	Rate	Amount
	Circular Down Pipes ( 100mm)	M <sup>2</sup>	50		
	Concrete Down Pipes	M <sup>2</sup>	150		
	Concrete Soffit	M <sup>2</sup>	80		
	Concrete Façade	M <sup>2</sup>	30		
	Vulindlela West				
	Steel Gutter ( 250mm )	M <sup>2</sup>	20		
	Steel Gutter ( 150mm )	M <sup>2</sup>	15		
	Circular Down Pipes ( 100mm)	M <sup>2</sup>	120		
	Welcome Centre	IVI	120		
	Concrete Down Pipes	M <sup>2</sup>	720		
	Concrete Soffit	M <sup>2</sup>	260		
	Concrete Façade	M <sup>2</sup>	380		
	Reservior and Pump Room	IVI	380		
	Concrete wall	M <sup>2</sup>	40		
		M <sup>2</sup>	30		
	Concrete Façade	M <sup>2</sup>			
	Concrete gutter Main Entrance	IVI	20		
	Concrete Gutter	M <sup>2</sup>	25		
		M <sup>2</sup>			
	Ceiling	M-	60		
	Sub- Station	M <sup>2</sup>			
	Concrete Gutter	M	25		
68	Painting of precast concrete walkways	M <sup>2</sup>	1050		
69	Circular colums	M <sup>2</sup>	300		
70	Slab	M <sup>2</sup>	1050		
71	Concrete gutter	M <sup>2</sup>	960		
72	Beams	M <sup>2</sup>	1400		
73	Soffits	M <sup>2</sup>	400		
74	Downpipes	M <sup>2</sup>	100		
75	Façade	M <sup>2</sup>	420		
76	Wall	M <sup>2</sup>	40		
	<u>ON METAL</u>				
	One coat self-etching primer, one undercoat and				
	<u>? coat/coats "?" alkyd enamel paint on</u>				
	galvanised steel				
	<u>Bartanisca steel</u>				
77	Balustrade	M <sup>2</sup>	80		
		141			
78	Steel Gutter	M <sup>2</sup>	220		
		141	*		
79	Square Downpipes	M <sup>2</sup>	60		
	oquare bownpipes	141			
80	Circular downpipes	M <sup>2</sup>	50		
		141			

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
81	Columns	M <sup>2</sup>	40		
82	Beams	M <sup>2</sup>	40		
83	Perforated panels	M <sup>2</sup>	30		
84	On metal sheet roofs	M <sup>2</sup>	560		
85	ON ROOF TILES				
	Wing - A	M <sup>2</sup>	1400		
	Wing - B	M <sup>2</sup>	1400		
	Wing - C	M <sup>2</sup>	1400		
	Wing - D	M <sup>2</sup>	1400		
	Auditorium	M <sup>2</sup>	210		
	Vulindlela	M <sup>2</sup>	1100		
	Back of Vulindlela - Storage areas	M <sup>2</sup>	1520		
	Canteen	M <sup>2</sup>	580		
	Braai area	M <sup>2</sup>	150		
	Security House	M <sup>2</sup>	200		
86	PAINT ON WATERPROOFING				
	Main Building 4 Wings	M <sup>2</sup>	860		
	Main Building Fire escape stairs roofs	M <sup>2</sup>	510		
	Main Building Centre Core water proofing	M <sup>2</sup>	1700		
	Gutters	M <sup>2</sup>	6550		
	Welcome Centre, Staff Entrance, and water	M <sup>2</sup>	400		
	storage				
	Vulindlela	M <sup>2</sup>	712		

ITEM NO	DESCRIPTION	Unit	Qty	Rate	Amount
87	PAINT ON WATERPROOFING Aluminium				
	Main Building 4 Wings	60 Months	860		
	Main Building Fire escape stairs roofs	60 Months	510		
	Main Building Centre Core water proofing	60 Months	1700		
	Vulindlela	60 Months	712		
	Gutters	60 Months	6550		
	Welcome Centre, Staff Entrance, and water	60 Months			
	storage		400		
	FINAL SUMMARY				
	SECTION NO. 1: PRELIMINARIES				
	SECTION NO. 2 - VULINDLELA - FLAT ROOF				
	SECTION NO 3 VULINDLELA PITCHED ROOF				
	SECTION NO 4 - VULINDLELA IBR ROOF				
	SECTION NO 5 - VULINDLELA SKYLIGHT ROOF				
	SECTION NO 6 - BASEMENT STORE ROOM CONCR	RETE SLAB AN	D MAIN BL		RETE SLAB
	SECTION NO 7 - PAINTWORK				
	SECTION NO 7 - PAINTWORK ALUMINIUM FOR 60	D MONTHS			
	SUB-TOTAL				
	SUB-IUTAL				
	ADD: CONTINGENCY 10% TO THE SUB-TOTAL ABO	OVE			
	SUB-TOTAL				
	ADD: VAT @ 15% OF THE SUB-TOTAL ABOVE				
	TOTAL				