	UNDERPINNING AND JACK PILING						
	MARCH 2023						
<u>M NO</u>	DESCRIPTION		QUANTITY	<u>RATE</u>	AMOUNT		
	BILL NO. 1						
	PRELIMINARIES AND GENERAL						
1	Allowance for contractor's all risk insurance. etc.	ltem	1				
2	Allowance for Health and Safety requirements (i.e All work to	ltem	1				
	be in a compliance with the provisions of the OHS Act 85 of						
	1993 and Regulations R1010)						
3	Allowance for site establishments and de-establishment etc.	ltem	1				
-	(site office, toilet, water & electricity)						
	Allowance for site management, security, small tools, plant,						
4		ltem	1				
	scaffolding etc.						
	TOTAL P&G CARRIED TO FINAL SUM						
	BILL NO. 2				_		
	ALTERATIONS						
	SUPPLEMENTARY PREAMBLES						
	View site						
	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				7		
	variations of the contract sum in respect of the nature and						
	extent of the work or of inferior or damaged materials will be						
	entertained.						
	Explosives				_		
	No explosives whatsoever may be used for demolition						
	purposes unless otherwise stated.						
	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/She						
	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 / Engineer						
	Water supply pipes and other piping that may be encountered				_		
	and found necessary to disconnect or cut, shall be effectually				_		
	stopped off or grubbed up and removed, and any new						
	connections that may be necessary shall be made with proper						
	fittings, to the satisfaction of the principal agent / Engineer.						
	Doors, fanlights, fittings, frames, linings, etc which are to be						
	re-used shall be thoroughly overhauled before refixing including				7		
	taking off, easing and rehanging, cramping up, re-wedging as			İ	_		
	required and making good cramps, dowels, etc, and easing,						
	oiling, adjusting and repairing ironmongery as necessary,	1	1				
	replacing ant 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			1	7		
	good floor and wall finishes to match existing						
	With regard to building up of openings in existing walls, cement				$\dashv$		
	screeds and pavings, granolithic, tops of walls, etc, shall be						
	levelled and prepared for raising of brickwork		<u> </u>				
MNO	DESCRIPTION	UNIT	QUANTITY	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 dimensions affecting						
	the existing buildings on site and he will be held solely						
	responsible for accuracy of all such dimensions where used in						
	the manufacture of new items (doors, windows, fittings, etc)						
	All loading and carting away cost of demolished material will be						
	included in the Rate						
	REMOVAL OF EXISTING WORK			1			

				1	
	Breaking up and removing reinforced concrete, including				
1	cutting off and removing reinforcement	m2		R 110.00	
I	100 Thick concrete slab (Apron) Sundries	IIIZ		R 110.00	
	Carefully remove 60mm thick interlocking paving bricks and				
2	stockpile on site for re-use. (Apron)	m2		R 40.00	
	TOTAL ALTERATIONS CARRIED TO FINAL SUM				
	BILL NO.3				
	PILING				
	User note				
	SUPPLEMENTARY PREAMBLES				
	Indemnity				
	The contractor shall take full responsibility for piling work and shall				
	guarantee that piling work will support the calculated loads laid				
	down by the engineer without injurious settlement. The actual				
	lengths of piles shall be determined on site by the contractor in				
	consultation with the engineer who will give all assistance possible.				
	This does not in any way relieve the contractor of his responsibility or				
	obligation to provide the specified guarantee				
	The contractor shall indemnify the employer against any injury to or				
	death of any person and all loss or damage to all structures resulting				
	from the failure of any pile. In the event of the failure of a pile the				
	contractor shall make good such pile and all consequent damage at				
	his own expense The contractor shall incure by means of a policy, approved by the		+		
	The contractor shall insure by means of a policy, approved by the engineer, against risks arising out of the responsibilities guarantee				
	and indemnities specified. The contractor shall pay all premiums in				
	respect of this insurance policy. The guarantee shall be for the				
	amount and effective period as stated herein this bill				
	Scope of work				
	The work comprises the installation of micro piles.				
	Piles are to be installed subsequent to the site being excavated,				
	filled, levelled and compacted to the required levels				
ITEM NO		UNIT	QUANTITY	RATE	AMOUNT
ITEM NO	filled, levelled and compacted to the required levels           DESCRIPTION           DRILING	UNIT	QUANTITY	<u>RATE</u>	<u>AMOUNT</u>
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material	<u>UNIT</u>		<u>RATE</u>	<u>AMOUNT</u>
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock	<u>UNIT</u>	QUANTITY	<u>RATE</u>	<u>AMOUNT</u>
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require	<u>UNIT</u>	QUANTITY	<u>RATE</u>	<u>AMOUNT</u>
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives	<u>UNIT</u>	QUANTITY	<u>RATE</u>	<u>AMOUNT</u>
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"	UNIT	QUANTITY	<u>RATE</u>	<u>AMOUNT</u>
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of	<u>UNIT</u>	QUANTITY	RATE	AMOUNT
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material	<u>UNIT</u>	QUANTITY	RATE	AMOUNT
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the	UNIT	QUANTITY	RATE	AMOUNT
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"         and shall include made-up ground and loose stones or pieces of         concrete not exceeding 0.03m3 in volume as well as hard material         the removal of which includes hard shale, ferrocite,	UNIT	QUANTITY	RATE	AMOUNT
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the	UNIT	QUANTITY		AMOUNT
ITEM NO	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"         and shall include made-up ground and loose stones or pieces of         concrete not exceeding 0.03m3 in volume as well as hard material         the removal of which would normally warrant the         use of pneumatic tools and which includes hard shale, ferrocite,         compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE	UNIT	QUANTITY		AMOUNT
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"         and shall include made-up ground and loose stones or pieces of         concrete not exceeding 0.03m3 in volume as well as hard material         the removal of which would normally warrant the         use of pneumatic tools and which includes hard shale, ferrocite,         compact ouklip and material of similar hardness		QUANTITY		AMOUNT
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"         and shall include made-up ground and loose stones or pieces of         concrete not exceeding 0.03m3 in volume as well as hard material         the removal of which would normally warrant the         use of pneumatic tools and which includes hard shale, ferrocite,         compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling				AMOUNT
	filled, levelled and compacted to the required levelsDESCRIPTIONDRILINGClassification of materialHard rock shall mean granite, quartzitic sandstone or other rocksimilar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives"Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardnessGUARANTEE AND INSURANCEInsurance policy against claims arising from the installation of piling 		QUANTITY	RATE	AMOUNT
	filled, levelled and compacted to the required levels				AMOUNT
	filled, levelled and compacted to the required levels				
	filled, levelled and compacted to the required levels		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"         and shall include made-up ground and loose stones or pieces of         concrete not exceeding 0.03m3 in volume as well as hard material         the removal of which would normally warrant the         use of pneumatic tools and which includes hard shale, ferrocite,         compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling         up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim         with no limit on the number of claims that may occur and effective         for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for         the execution of the work and removal thereof on completion         Setting up plant at pile position		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock         similar hardness, the removal of which would normally require         drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock"         and shall include made-up ground and loose stones or pieces of         concrete not exceeding 0.03m3 in volume as well as hard material         the removal of which would normally warrant the         use of pneumatic tools and which includes hard shale, ferrocite,         compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling         up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim         with no limit on the number of claims that may occur and effective         for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for         the execution of the work and removal thereof on completion         Setting up plant at pile position <td></td> <td>QUANTITY</td> <td></td> <td></td>		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by the Engineer). The rate must include the following: The depth of the		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by_ the Engineer). The rate must include the following: The depth of the pile_		QUANTITY		
	filled, levelled and compacted to the required levels  DESCRIPTION DRILING Classification of material Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness GUARANTEE AND INSURANCE Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract ESTABLISHMENT Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion Setting up plant at pile position JACK PILING (SPECIALIST CONTRACTOR) Jack and underpining the perimeter of the building (Position to be sh own by_ the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by_ the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing foundation, Specialist services and Dynamic Probe Super Heavy ( DPS		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by_ the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing foundation, Specialist services and Dynamic Probe Super Heavy ( DPS H)_		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by_ the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing foundation, Specialist services and Dynamic Probe Super Heavy ( DPS H)_ testing to be carried out prior to the installation of micro piles to det				
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing foundation, Specialist services and Dynamic Probe Super Heavy ( DPS H)_ testing to be carried out prior to the installation of micro piles to det ermine_		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by_ the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing foundation, Specialist services and Dynamic Probe Super Heavy ( DPS H)_ testing to be carried out prior to the installation of micro piles to det ermine_ suitable piles founding depths (Testing elsewhere measured). Jack		QUANTITY		
	filled, levelled and compacted to the required levels         DESCRIPTION         DRILING         Classification of material         Hard rock shall mean granite, quartzitic sandstone or other rock similar hardness, the removal of which would normally require drilling, wedging and splitting or the use of explosives         "Earth" shall mean all ground other than that classified as "hard rock" and shall include made-up ground and loose stones or pieces of concrete not exceeding 0.03m3 in volume as well as hard material the removal of which would normally warrant the use of pneumatic tools and which includes hard shale, ferrocite, compact ouklip and material of similar hardness         GUARANTEE AND INSURANCE         Insurance policy against claims arising from the installation of piling up to a limit of R 500 000 (Five Hundred Thousand Rand) per claim with no limit on the number of claims that may occur and effective for a period of 5 years from the date of completion of the contract         ESTABLISHMENT         Transportation to and establishment on site of necessary plant for the execution of the work and removal thereof on completion         Setting up plant at pile position         JACK PILING (SPECIALIST CONTRACTOR)         Jack and underpining the perimeter of the building (Position to be sh own by the Engineer). The rate must include the following: The depth of the pile_ determine by the specialist contractor, Tie back the piles to existing foundation, Specialist services and Dynamic Probe Super Heavy ( DPS H)_ testing to be carried out prior to the installation of micro piles to det ermine_		QUANTITY		

			-	-	
1	180kN Micro piles at approximately 1000mm c/c.	No		R 15 500.00	
	TESTING				
	Conduct DCP test to 2m from the foundation surface of the micro				
2	piles (including the test results in the form of bearing capacity of soil)	ltem		R 2 000.00	
	TOTAL PILING CARRIED TO FINAL SUM				
	BILL NO. 4				
	EARTHWORKS, ETC.				
	SUPPLEMENRARY PREAMBLES				
	Carting away of excavated material				
	Desriptions of carting away of excavated material shall be				
	deemed to include loading excavated material onto trucks				
	directly from the excavations or, alternatively, from the stock				
	piles situated on the building site				
	Filling				
	Notwithstanding the reference to prescriped multiple handling in				
	clause 1 page 6 of the Standard System of Measuring Building				
	Work, prices for filling and backfilling shall include for all				
	selection and necessary multuple handling of material				
	selection and necessary matuple handling of material				
ITEM NO	DESCRIPTION	LINIT	QUANTITY	RATE	AMOUNT
		UNIT			
	User Note			<u> </u>	
	When no information regarding density tests is available the				
	following preamble in respect of testing may be inserted			ļ	
	Testing				
	Prices for filling are to include for all necesarry density tests in				
	accordance with the SABS 1200D				
	EXCAVATION, FILLING ETC				
	EXCAVATIONS, ETC				
	Excavation in earth not exceeding 2m deep				
1	Underpinning in 1m alternating sections under existing foundations	m3		R 155.00	
1	onderprinning in the alternating sections ander existing roundations	mo		1135.00	
	Back excavation of vertical sides of excavations in earth for				
	working space including backfilling compacting in 100mm				
	layers to 95% Mod AASHTO density			D 400 00	
2	Exceeding 1.5m deep and not exceeding 2m deep for	m2		R 100.00	
	underpinning work etc				
	Extra over all excavations for carting away				
4	Surplus material from excavations and/ stock piles on site to a	m3		R 125.00	
	dumping site to be located by the contractor				
	Risk of collapse of excavations				
5	Side of trench and hole excavations exceeding 1.5m deep	m2		R 18.00	
	Keeping excavations free of water				
	Keeping excavations free of all water other than subterranean	_			
6	water	ltem		R 500.00	
	FILLING ETC				
	Earth filling obtained from the excavations and/or prescribed				
	stock piles on site, compacted to 95% Mod AASHTO density				
	(All as per Eng Details)			+	
				D 105 00	
7	Backfilling to trenches, holes, etc	m3		R 105.00	
	Prescribed density tests on filling				
8	Modified AASHTO Density test	No		R 450.00	
	Compacting of surfaces			ļ	
9	Compacting of ground surfaces under apron by wetting and	m2		R 20.00	
5	compacting.	····∠		11 20.00	
	Soil insecticide in accordance with SANS 5859				
10	Under Aprons etc	m2		R 15.00	
	TOTAL EARTHWORKS ETC CARRIED TO FINAL SUM				
	· · · · · · · · · · · · · · · · · · ·		•		
				RATE	AMOUNT
ITEM NO	DESCRIPTION	UNIT	QUANTITY		
ITEM NO		<u>UNIT</u>			
ITEM NO	BILL NO.5	<u>UNIT</u>			
ITEM NO	BILL NO.5 CONCRETE, FORMWORK AND REINFORCEMENT	<u>UNIT</u>			
ITEM NO	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"	UNIT			
ITEM NO	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES	UNIT			
ITEM NO	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES         Cost of tests	UNIT			
ITEM NO	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES         Cost of tests         The costs of making, storing and testing of concrete test cubes	UNIT			
	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES         Cost of tests         The costs of making, storing and testing of concrete test cubes         as required under clause 7 "Tests" of SABS 1200 G shall	UNIT			
	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES         Cost of tests         The costs of making, storing and testing of concrete test cubes         as required under clause 7 "Tests" of SABS 1200 G shall         include the cost of providing cube moulds necessary for the	<u>UNIT</u>			
	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES         Cost of tests         The costs of making, storing and testing of concrete test cubes         as required under clause 7 "Tests" of SABS 1200 G shall         include the cost of providing cube moulds necessary for the         purpose, for testing costs and for submitting reports on the				
	BILL NO.5         CONCRETE, FORMWORK AND REINFORCEMENT         For preambles see "Model Preambles for Trades"         SUPPLEMENTARY PREAMBLES         Cost of tests         The costs of making, storing and testing of concrete test cubes         as required under clause 7 "Tests" of SABS 1200 G shall         include the cost of providing cube moulds necessary for the				

	to the approval of the architect. (Test cubes are measured				
	separately)				
	Formwork				
	Descriptions of formwork shall be deemed to include use and				
	waste only (except where described as "left in" or "permanent"),				
	for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy				
	release during stripping and for reconditioning as necessary				
	before re-use.				
	The vertical strutting shall be carried down to such construction				
	as is sufficiently strong to afford the required support without				
	damage and shall remain in position until the newly constructed				
	work is able to support itself				
	Formwork to soffits of solid slabs etc shall be deemed to be to				
	slabs not exceeding 250mm thick unless otherwise described				
	Formwork to soffits of slabs, beams, etc shall be deemed to be				
	propped up exceeding 1,5m and not exceeding 3,5m high				
	unless otherwise described				
	Formwork to sides of bases, pile caps, ground beams, etc will				
	only be measured where it is prescribed by the engineer for				
	design reasons. Formwork necessitated by irregularity or			┨────┤	
	collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for			╂────┤	
			+	<u>├</u> ────┤	
	taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"		+	╂────┤	
	User Note		+	+	
	In order to accommodate the custom in some regions to give		+	┼───┼	
	formwork to sides of beams, isolated beams, etc separately				
	from formwork to the soffits thereof, the items in respect of				
	formwork to beams, isolated beams, etc are given under the				
	headings of "formwork to sides", "formwork to soffits" and			1	
	"formwork to sides and soffits"				
	UNREINFORCED CONCRETE CAST AGAINS EXCAVATED SURFACES				
	15Mpa/19mm concrete				
1	Aprons cast in panels to falls	m3		R 1 800.00	
	20Mpa/19mm concrete				
2	Underpinning bases/strip footings in 1m alternating sections	m3		R 2 500.00	
2	under existing foundations	m3		R 2 500.00	
	under existing foundations TEST CUBES				
2	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test	m3 No		R 2 500.00 R 500.00	
	under existing foundations TEST CUBES				
3	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	QUANTITY	R 500.00	AMOUNT
	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) <u>DESCRIPTION</u>				AMOUNT
3	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	QUANTITY	R 500.00	<u>AMOUNT</u>
3	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES	No	QUANTITY	R 500.00	AMOUNT
3 <u>ITEM NO</u>	under existing foundations          TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float	No <u>UNIT</u>	QUANTITY	R 500.00	AMOUNT
3 <u>ITEM NO</u> 4	under existing foundations         TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float         Surface beds, slabs, aprons, etc         12 x 10mm Saw-cut joint in top of concrete surface beds         SMOOTH FORMWORK (DEGREE OF ACCURACY II)	No <u>UNIT</u> m2	QUANTITY	R 500.00 <b><u>RATE</u> R 25.00</b>	AMOUNT
3 <u>ITEM NO</u> 4	under existing foundations          TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float         Surface beds, slabs, aprons, etc         12 x 10mm Saw-cut joint in top of concrete surface beds	No <u>UNIT</u> m2	QUANTITY	R 500.00 <b><u>RATE</u> R 25.00</b>	AMOUNT
3 <u>ITEM NO</u> 4 5	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE	No <u>UNIT</u> m2 m	QUANTITY	R 500.00 RATE R 25.00 R 30.00	AMOUNT
3 <u>ITEM NO</u> 4 5	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM	No <u>UNIT</u> m2 m	QUANTITY	R 500.00 RATE R 25.00 R 30.00	AMOUNT
3 <u>ITEM NO</u> 4 5	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6	No <u>UNIT</u> m2 m	QUANTITY	R 500.00 RATE R 25.00 R 30.00	AMOUNT
3 <u>ITEM NO</u> 4 5	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY	No <u>UNIT</u> m2 m	QUANTITY QUANTITY	R 500.00 RATE R 25.00 R 30.00	AMOUNT
3 <u>ITEM NO</u> 4 5	under existing foundations         TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float         Surface beds, slabs, aprons, etc         12 x 10mm Saw-cut joint in top of concrete surface beds         SMOOTH FORMWORK (DEGREE OF ACCURACY II)         Edges, risers, ends and reveals not exceeding 300mm high or wide         TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE         D TO FINAL SUM         BILL NO. 6         MASONRY         SUPPLEMENTARY PREAMBLES	No <u>UNIT</u> m2 m	QUANTITY QUANTITY	R 500.00 RATE R 25.00 R 30.00	AMOUNT
3 <u>ITEM NO</u> 4 5	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING	No <u>UNIT</u> m2 m	QUANTITY QUANTITY	R 500.00 RATE R 25.00 R 30.00	
3 <u>ITEM NO</u> 4 5	under existing foundations         TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float         Surface beds, slabs, aprons, etc         12 x 10mm Saw-cut joint in top of concrete surface beds         SMOOTH FORMWORK (DEGREE OF ACCURACY II)         Edges, risers, ends and reveals not exceeding 300mm high or wide         TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE         D TO FINAL SUM         BILL NO. 6         MASONRY         SUPPLEMENTARY PREAMBLES         PAVING         Paving of 60mm paving bricks with butt joints on 20mm thick	No <u>UNIT</u> m2 m	QUANTITY QUANTITY	R 500.00 RATE R 25.00 R 30.00	
3 <u>ITEM NO</u> 4 5	under existing foundations         TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float         Surface beds, slabs, aprons, etc         12 x 10mm Saw-cut joint in top of concrete surface beds         SMOOTH FORMWORK (DEGREE OF ACCURACY II)         Edges, risers, ends and reveals not exceeding 300mm high or wide         TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE         D TO FINAL SUM         BILL NO. 6         MASONRY         SUPPLEMENTARY PREAMBLES         PAVING         Paving of 60mm paving bricks with butt joints on 20mm thick         riversand bed with sand and cement mixture swept into joints	No <u>UNIT</u> m2 m	QUANTITY QUANTITY	R 500.00 RATE R 25.00 R 30.00	
3 <u>ITEM NO</u> 4 5 6	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) <u>DESCRIPTION</u> <u>CONCRETE SUNDRIES</u> Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds <u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> Edges, risers, ends and reveals not exceeding 300mm high or wide <u>TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE</u> D TO FINAL SUM BILL NO. 6 MASONRY <u>SUPPLEMENTARY PREAMBLES</u> <u>PAVING</u> Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling	No UNIT m2 m	QUANTITY QUANTITY	R 500.00 R 500.00 RATE R 25.00 R 30.00 R 45.00 R 45.00	
3 <u>ITEM NO</u> 4 5	under existing foundations         TEST CUBES         Making and testing 150 x 150 x 150mm concrete strength test         cubes (Provisional)         DESCRIPTION         CONCRETE SUNDRIES         Finishing top surface of concrete smooth with a wood float         Surface beds, slabs, aprons, etc         12 x 10mm Saw-cut joint in top of concrete surface beds         SMOOTH FORMWORK (DEGREE OF ACCURACY II)         Edges, risers, ends and reveals not exceeding 300mm high or wide         TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE         D TO FINAL SUM         BILL NO. 6         MASONRY         SUPPLEMENTARY PREAMBLES         PAVING         Paving of 60mm paving bricks with butt joints on 20mm thick         riversand bed with sand and cement mixture swept into joints	No <u>UNIT</u> m2 m	QUANTITY QUANTITY	R 500.00 RATE R 25.00 R 30.00	
3 <u>ITEM NO</u> 4 5 6 1	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) <u>DESCRIPTION</u> <u>CONCRETE SUNDRIES</u> <u>Finishing top surface of concrete smooth with a wood float</u> Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds <u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> Edges, risers, ends and reveals not exceeding 300mm high or wide <u>TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE</u> D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron)	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 <u>ITEM NO</u> 4 5 6 1	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) <u>DESCRIPTION</u> <u>CONCRETE SUNDRIES</u> Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds <u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> Edges, risers, ends and reveals not exceeding 300mm high or wide <u>TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE</u> D TO FINAL SUM BILL NO. 6 MASONRY <u>SUPPLEMENTARY PREAMBLES</u> <u>PAVING</u> Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron)	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 <u>ITEM NO</u> 4 5 6 1	under existing foundations <u>TEST CUBES</u> Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) <u>DESCRIPTION</u> <u>CONCRETE SUNDRIES</u> Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds <u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> Edges, risers, ends and reveals not exceeding 300mm high or wide <u>TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE</u> D TO FINAL SUM BILL NO. 6 MASONRY <u>SUPPLEMENTARY PREAMBLES</u> <u>PAVING</u> Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron)	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 <u>ITEM NO</u> 4 5 6 1	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron) TOTAL SUMMARY PRELIMINARIES AND GENERAL	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 <u>ITEM NO</u> 4 5 6 1 2 1 2	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron) TOTAL BRICK WORK CARRIED TO FINAL SUM FINAL SUMMARY PRELIMINARIES AND GENERAL ALTERATIONS	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 <u>ITEM NO</u> 4 5 6 1 2 1 2 3	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron) TOTAL BRICK WORK CARRIED TO FINAL SUM FINAL SUMMARY PRELIMINARIES AND GENERAL ALTERATIONS PILING	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 ITEM NO 4 5 6 1 2 1 2 1 2 3 4	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron) TOTAL BRICK WORK CARRIED TO FINAL SUM FINAL SUMMARY PRELIMINARIES AND GENERAL ALTERATIONS PILING EARTHWORKS	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 ITEM NO 4 5 6 1 2 1 2 1 2 3 4 5	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron) TOTAL BRICK WORK CARRIED TO FINAL SUM FINAL SUMMARY PRELIMINARIES AND GENERAL ALTERATIONS PILING EARTHWORKS CONCRETE, FORMWORK AND REINFORCEMENT	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	
3 ITEM NO 4 5 6 1 2 1 2 1 2 3 4	under existing foundations TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) DESCRIPTION CONCRETE SUNDRIES Finishing top surface of concrete smooth with a wood float Surface beds, slabs, aprons, etc 12 x 10mm Saw-cut joint in top of concrete surface beds SMOOTH FORMWORK (DEGREE OF ACCURACY II) Edges, risers, ends and reveals not exceeding 300mm high or wide TOTAL CONCRETE, FORMWORK AND REINFORECING WORK CARRIE D TO FINAL SUM BILL NO. 6 MASONRY SUPPLEMENTARY PREAMBLES PAVING Paving of 60mm paving bricks with butt joints on 20mm thick riversand bed with sand and cement mixture swept into joints and hosed down, including preparation of ground or filling Re-instate paving bricks in stretcher bond to fall (Apron) Paving in stretcher bond to falls (to match excisting apron) TOTAL BRICK WORK CARRIED TO FINAL SUM FINAL SUMMARY PRELIMINARIES AND GENERAL ALTERATIONS PILING EARTHWORKS	No <u>UNIT</u> m2 m m		R 500.00 R 500.00 R 25.00 R 25.00 R 30.00 R 45.00 R 45.00 R 45.00	

10% CONTINGENCY TO BE USED AS DIRECTED BY THE QUANTITY SURVEYOR				
TOTAL AMOUNT				
15% VAT				
TOTAL AMOUNT INCLUDING 14% VAT				