

REFURBISHMENT OF NAMAKGALE STADIUM

Contract no. 07/20/21

C.2.2.SCHEDULE OF QUANTITIES

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 1 : PRELIMINARY AND GENERAL

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SANS 1200		PRELIMINARY AND GENERAL				
1.1	8.3		FIXED CHARGE AND VALUE RELATED ITEMS				
1.1.1	8.3.1		Contractual Requirements	Sum			
1.1.2	8.3.2		Establish Facilities on Site				
			1. FACILITIES FOR THE ENGINEER				
	PSAB-3.2		a) Furnished offices	Sum			R 15 000,00
	PSAB-4.1		b) Telephone/Cellphone and Internet facilities	Sum			R 5 000,00
	PSAB-3.1		c) Refurbishment of existing Nameboards (2 no)	No	2	R 5 000,00	R 10 000,00
	PSAB-6		d) Survey assistant	Sum			R 10 000,00
	PSAB-4.2		e) Survey equipment	Sum			R 10 000,00
	PSAB-5		f) Rented accommodation	Sum			R 10 000,00
1.1.3	PSA-4.2		2. FACILITIES FOR THE CONTRACTOR				
	PSA-4.2		a) Offices and Storage sheds	Sum			Rate Only
	PSA-4.2		b) Workshops	Sum			
	PSA-4.2		c) Laboratories	Sum			
	PSA-4.3		d) Living Accommodation	Sum			
	PSA-4.3		e) Ablution and Latrine facilities	Sum			
			f) Tools and equipment	Sum			
			g) Water supplies,electric power and communications	Sum			
1.1.4	8.3.3		General responsibilities and other fixed charged obligations	Sum			
1.1.5	8.3.4		Removal of site establishment	Sum			
1.2	8.4		TIME RELATED ITEMS				
1.2.1	8.4.1		Contractual requirements	Month	12		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 1 : PRELIMINARY AND GENERAL							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.2.2	8.4.2		Operation and maintenance of facilities on site for the duration of construction				
			1. FACILITIES FOR THE ENGINEER				
	PSAB-3.2		a) Furnished offices	Month	12	R 5 000,00	R 60 000,00
	PSAB-4.1		b) Telephone/Cellphone	Month	12	R 3 500,00	R 42 000,00
	PSAB-3.1		c) Nameboards (2 no)	Month	12	R 1 000,00	R 12 000,00
	PSAB-4.2		d) Survey assistant and materials	Month	12	R 10 000,00	R 120 000,00
	PSAB-5		e) Rented accomodation	Month	12	R 10 000,00	R 120 000,00
			f) Percentage adjusted item for d and e to cover contractor's expenses.	%			
1.2.3	PSA-4.2		2. FACILITIES FOR THE CONTRACTOR				
	PSA-4.2		a) Offices and Storage sheds	Month	12		
	PSA-4.2		b) Workshops	Month	12		
	PSA-4.2		c) Laboratories	Month	12		
	PSA-4.3		d) Living Accomodation	Month	12		
	PSA-4.3		e) Ablution and Latrine facilities	Month	12		
			f) Tools and equipment	Month	12		
			g) Water supplies,electric power and communications	Month	12		
			h) Dealing with water	Month	12		
1.2.4			Supervision for duration of the construction	Month	12		
1.2.5			Company and Head office overheads costs for duration of contract	Month	12		
1.2.6			Other Time Related Obligations	Month	12		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 1 : PRELIMINARY AND GENERAL							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.3	PSA-6		SUMS STATED PROVISIONALLY BY THE ENGINEER (NOT SUBJECT TO RETENTION)				
			SPECIALIST SERVICES				
1.3.1			(a) OHS Consultant	Sum			R 250 000,00
1.3.2			(b) Environmental Management	Sum			R 100 000,00
1.3.3			(c) Social Facilitation	Sum			R 100 000,00
1.3.4			(d) Land Surveyor Services	Sum			R 50 000,00
1.3.5	PSA-6.26		(e) Remuneration of the Community Liason Officer	Month	12	R 5 000,00	R 60 000,00
1.3.6	PSA-5.6		(f) Technical Training/PSC Training	Sum			R 200 000,00
1.3.7			Percentage adjustment to items 1.3.1 to 1.3.6 to cover Contractor's expenses with regard to items (max 10%)	%		5%	
1.3.8			Contingency	Sum			R 50 000,00
1.4	PSA-6		SUMS STATED PROVISIONALLY BY THE ENGINEER (PROVISIONAL SUM)				
1.4.1	PSA-6.1		Testing required by the Engineer				
			a) Payment as per Invoice of Service Provider	P. Sum			R 50 000,00
1.4.2			Percentage adjustment to item above to cover contractor's expenses with regard to this item	%			
1.4.3	PSA-6.24		Provisional Sum for a Student Intern				
			a) Payment as per proof of payment of Intern allowance	Month	12	R 5 000,00	R 60 000,00
1.4.4			Percentage adjustment to item above to cover contractor's expenses with regard to this item	%			
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

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Witness 1

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BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 1 : PRELIMINARY AND GENERAL

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.6			COMPLIANCE WITH OHS ACT AND CONSTRUCTION REGULATIONS 2014				
1.6.1			Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations	Sum			
1.6.2			Contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations	Month	12		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 2: DAYWORKS AND TEMPORARY WORKS

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	SANS1200 8.5		DAYWORKS AND TEMPORARY WORKS Note:Dayworks Executed on the Instruction of the Engineer only				
2.1			1. LABOUR				
			a) Unskilled	hr			Rate Only
			b) Semi skilled	hr			Rate Only
			c) Foreman	hr			Rate Only
			d) Artisan	hr			Rate Only
			e) Surveyor	hr			Rate Only
2.2			2. Grader (120kW/min) and operator	hr			Rate Only
2.3			3. Bulldozer (D7 min Cap) and operator	hr			Rate Only
2.4			4. Grid roller with tractor and operator (8T)	hr			Rate Only
2.5			5. Front End Loader (0.9 m ³) and operator	hr			Rate Only
2.6			6. Truck (6m ³) and driver	hr			Rate Only
2.7			7. Truck (10m ³) and driver	hr			Rate Only
2.8			8. Concrete mixer (0.33m ³ cap.)	hr			Rate Only
2.9			9. Pneumatic tyred roller and operator	hr			Rate Only
2.10			10. Backactor (600mm bucket) and operator	hr			Rate Only
2.11			11. Compressor c.w drills,jackhammers etc	hr			Rate Only
2.12			12. Vibrating plate compactor	hr			Rate Only
2.13			13. Vibrating roller compactor (600mm)	hr			Rate Only
2.14			14. Watercraft driver and operator	hr			Rate Only
2.15			15. Tractor loader Backhoe (TLB) and operator	hr			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE OF QUANTITIES

**REFURBISHMENT
OF
NAMAKGALE STADIUM**

A - CIVIL ENGINEERING WORKS

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 3 : PROVISIONAL SUMS AND PRIME COST ITEMS

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	PSA-6		SUMS STATED PROVISIONALLY BY THE ENGINEER				
3.1	PSA-6.6		EQUIPMENT FOR THE SOCCER/RUGBY/NETBALL/BASKETBALL TENNIS/VOLLEYBALL				
3.1.1			Provide sporting equipment for Soccer, Netball, Basketball, Tennis and Volleyball, as approved by the Engineer	P. Sum			R 50 000,00
3.1.2			Percentage adjustment to item 3.1.1 above to cover Contractor's expenses with regard to items	%		5%	
3.2	PSA-6.5		TENNIS AND BASKET BALL COMBO COURT				
3.2.1			Provide the provisional amount as indicated for repair-works of existing Tennis/Basketball court and installation of terraces as approved by the Engineer	P. Sum			R 230 000,00
3.2.2			Percentage adjustment to item 3.2.1 above to cover Contractor's expenses with regard to items	%		5%	
3.3	PSA-6.5		VOLLEYBALL AND NETBALL COMBO COURT				
3.3.1			Provide the provisional amount as indicated for repair-works of existing Volleyball court and terraces as approved by Engineer	P. Sum			R 230 000,00
3.3.2			Percentage adjustment to item 3.3.1 above to cover Contractor's expenses with regard to items	%		5%	
3.4	PSA-6.11		SOCCER PITCH RETAINING WALL				
3.4.1			Provide provisional amount as indicated for the final works and painting of the retaining wall including murals as approved by the Engineer	P. Sum			R 250 000,00
3.4.2			Percentage adjustment to item 3.4.1 above to cover Contractor's expenses with regard to items	%		5%	
3.5			SOCCER PITCH SUBSURFACE DRAINAGE				
3.5.1			Provide the provisional sum as indicated for the testing and extension of sub-surface drainage as directed by the Engineer	P. Sum			R 100 000,00
3.5.2			Percentage adjustment to item 3.5.1 above to cover Contractor's expenses with regard to items	%		5%	
BALANCE CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 3 : PROVISIONAL SUMS AND PRIME COST ITEMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
3.6	PSA-6.10		LANDSCAPING				
3.6.1			Provide an allowance for dry landscaping and the installation of garden furniture, aimed at enhancing the aesthetic and functional aspects of the outdoor space	P. Sum			R 150 000,00
3.6.2			Percentage adjustment to item 3.6.1 above to cover Contractor's expenses with regard to items			5%	
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1


Witness 2


BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21


SCHEDULE OF QUANTITIES SECTION 4: SOCCERFIELD CONSTRUCTION


ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4			SOCCER FIELD CONSTRUCTION				
4.1	PSA-6.13		BOREHOLE DEVELOPMENT				
4.1.1			a) Borehole electrical connection & testing	P. Sum			R 75 000,00
4.1.2			b) Borehole pumphouse	P. Sum			R 60 000,00
4.1.3			c) Profit handling fees on item 4.1.1 & 4.1.2 above	%		5%	
4.2			HDPE TANK				
4.3.1			Supply and install 1 x 10 000 L HDPE tank inclusive of foundations for two tanks, as per the Drawing No IPA/BPLM/NS/SDD/DR21/13	No	1		
4.3.2			Provisional sum for connection of water from boreholes to the tanks	P. Sum			R 30 000,00
4.3.3			b) Profit handling fees on item 4.3.2 above	%			
4.4	PSPCB		FENCING				
4.4.1		LI	Supply and installation 70 x 70mm Galvanised diamond wire mesh fence 1800mm high with seven horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil & leaving clean and neat as detailed on drawing No. IPA/BPLM/STR/DR14	m	500		
4.4.2	PSA-6.7		Supply and Installation 76 x 12.7mm high galvanized fence (Clearview Fence) 1800mm high and 3000mm wide panels with T-Post + Post Cap pre galvanised and T-Post flat clamp kit HDG	m	25		
4.4.3			Provisional sum for supply and Installation of a 6m x 1.8m high galvanized sliding gate	P. Sum			R 30 000,00
4.4.4			Profit handling fees on item 4.3.4 above	%			
TOTAL CARRIED TO SUMMARY							



Contractor


Witness 1


Witness 2


Employer


Witness 1



Witness 2


BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21


SCHEDULE OF QUANTITIES SECTION 5: ATHLETICS TRACK CONSTRUCTION


ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5			ATHLETICS TRACK				
5.1	SANS 1200MF		BASE CONSTRUCTION				
5.1.1	8.3.1	LI	Construction of base within gravel material (G6) from borrow pit compacted to C4 stabilised material to 95% MOD AASHTO in layers not exceeding 150mm	m³	675		
5.2	8.3.9		Overhaul				
5.2.1			a) Limited overhaul	m³			Rate Only
5.2.2			b) Long overhaul	m³-km	3 375		
5.3	8.3.10		Overburden	m³	45		
5.3.1	SANS-1200MK		CONCRETE KERBING				
5.3.2	8.2.1		Precast kerb to SABS 927 (Class 25/19)				
5.3.3		LI	i. Figure 5 non-mountable kerb (Class 25/19)	m	450		
5.4	SANS 1200MH		PRIME COAT				
5.4.1	8.5.1		MSP1 cut back bitumen	l	3 500		
5.5	SANS-1200MH		ASPHALT BASE AND SURFACING				
5.5.1	8.5.4		Asphalt base 40 mm thick a. Using 80/100 penetration grade bitumen (80/100 penetration grade bitumen)				
			i. Continuously graded	m²	4 500		
5.6	SANS-1200MG		SLURRY SEAL				
5.6.1	8.4.1	LI	Slurry applied by hand	m²	4 500		
5.7	PSA-6.14		ALL WEATHER SEAL LAYERS				
5.7.1			Provisional sum for surfacing by specialist	P. Sum			R 3 240 000,00
5.7.2			Provisional sum for painting by specialist	P. Sum			R 42 240,00
5.7.3			Handling fee on items 5.7.1 and 5.7.2 above	%		3,0%	
BALANCE CARRIED FORWARD							



Contractor


Witness 1


Witness 2


Employer


Witness 1


Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 5: ATHLETICS TRACK CONSTRUCTION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
5.8	SANS 1200DA	LI	TYING IN ATHLETICS TRACK WITH THE RETAINING WALL				
			EARTHWORKS (SMALL WORKS)				
5.8.1			Site Clearance				
	8.3.1		Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 20mm girth	m ²	550		
			Clear trees of girth over 1.0 m.	No	1		
5.8.2	8.3.2		EXCAVATIONS, FILLING, ETC.				
			Excavations				
			Excavate in earth not exceeding 2m deep				
			Trenches	m ³	175		
			Trenches circular on plan	m ³	35		
			Extra over trench and hole excavations in soft material				
			Soft rock	m ³	88		
			Hard rock	m ³	88		
			Extra over excavation for carting away				
			Surplus material from excavation to a dumping site to be located by the contractor	m ³	350		
			Risk of collapse of excavations				
			Risk of collapse to sides of excavation for trenches and holes from natural, elevated or reduced ground level not exceeding 1,5m deep	m ²	550		
5.8.3	8.3.4		FILLING, ETC.				
			Earth filling with selected material obtained from the excavation and/or stock piles on site compacted to 95% Mod AASHTO				
			Backfilling to trenches, holes, etc	m ³	165		
BALANCE CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 5: ATHLETICS TRACK CONSTRUCTION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
5.8.4			Earth filling G7 material supplied by the contractor compacted to 95% Mod AASHTO density				
			Under floors, etc	m ³	83		
			Compaction of surfaces				
			Compaction of ground surfaces under floors, etc including scarifying for a depth of 300mm breaking down oversize material,adding suitable material where necessary and compacting in 150mm layers to 95% Mod AASHTO density	m ²	15		
			Prescribed density tests on filling				
			Modified AASHTO Density test	No.	30		
			SOIL POISONING				
			Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years				
5.9	SANS 1200GB		Under floors etc including forming and poisoning shallow furrows against foundation walls etc,filling in fullows and raming	m ²	15		
			To bottom and sides of trenches etc	m ²	48		
			To bottom of concrete aprons	m ²	16		
			CONCRETE, FORMWORK AND REINFORCEMENT				
5.9.1	8.2.5	8.2.5.1	PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
			25MPa/19mm concrete				
			Strip footings	m ³	74		
			Strip footings circular on plan	m ³	15		
BALANCE CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 5: ATHLETICS TRACK CONSTRUCTION								
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
BALANCE BROUGHT FORWARD								
5.10	8.2		Cast insitu concrete coping 15MPa/19mm concrete	m ³	25			
			Test blocks					
			Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No.	20			
			FORMWORK					
			8.2.1	Rough formwork to sides:				
			Edges, risers, ends and reveals not exceeding 300mm high	m ²	2			
			8.2.8	MOVEMENT JOINTS,ETC				
			10mm Thick isolation between concrete surface beds and wall					
			Not exceeding 300mm high to edges of surface beds	m	16			
			DAMP-PROOFING OF WALLS					
5.10.1			One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)					
			On walls, stepped up in cavities, under cills, etc	m ²	138			
			MASONRY					
			PREAMBLES					
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill					
			BRICK WORK IN SUPERSTRUCTURE					
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:					
			One brick walls.	m ²	175			
BALANCE CARRIED FORWARD								

Contractor

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Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 5: ATHLETICS TRACK CONSTRUCTION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
5.10.2			Facebrick				
			FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints				
			Extra over brickwork for face brickwork	m ²	175		
5.10.3			BRICKWORK SUNDRIES				
			Joint forming material in movement				
			10mm thick brick impregnated softboard expansion joint filling, built in vertically as the proceeds, including all cutting and waste	m ²	100		
			Brickwork reinforcement				
			150mm wide reinforcement built in horizontally	m	2750		
			PLASTERING				
			Cement plaster on brickwork on:				
			External walls	m ²	175		
TOTAL CARRIED TO SUMMARY							

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Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 6: STORMWATER DRAINAGE

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	SANS-1200DB		STORMWATER DRAINAGE				
6.1	8.3.2		Excavation for drains and stormwater pipes				
6.1.1		LI	a) Excavating in all materials for trenches, backfill and compact including disposal of surplus unsuitable material within for stormwater pipes up to 450 mm in diameter for depths.				
6.1.1.1			i. 0 m to 1.0 m	m ³	45		
6.1.1.2			ii. 1.0 m to 2.0 m	m ³	23		
6.1.1.3			iii. 2.0 m to 3.0 m	m ³	23		
6.1.1.4			iv. 3.0 m to 4.0 m	m ³	23		
6.1.2			b) Extra over item for excavation in intermediate material	m ³	35		
6.1.3			c) Extra over item for excavation in hard material	m ³	20		
6.1.4			d) Extra over item for excavation in rock	m ³	10		
6.2	8.3.3.1		Excavation ancillaries				
			Make up deficiency in backfill material (provisional)				
6.2.1			From other necessary excavations on site	m ³	30		
6.2.2			a) By importation from designated borrow pit	m ³	30		
6.2.3			b) By importation from commercial or off-site sources	m ³	30		
6.3	SANS 1200 MK		Chanelling				
6.3.1	8.2.7		Trimming of excavations for concrete lined open drains				
			a) In soft material	m ²	45		
			b) In hard material	m ²	25		
6.3.2	8.2.2		i. Cast in situ concrete half round drain channel complete with steel grating as detailed on drawing (25MPa)	m ³	27		
			ii. Blinding layer	m ³	6		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 6: STORMWATER DRAINAGE							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
6.4	SANS 1200 G		ii. To sides with formwork on both internal and external faces (each face measured)	m ²	240		
6.4.1	8.2.7		Type 193 fabric reinforcement in concrete surface beds, slabs,etc	m ²	360		
			Concrete lining for open drains				
6.4.2			a) Cast in situ concrete lining (25MPa V-drain)	m ³	30		
			b) To sides with formwork on both internal and external faces (each face measured)	m ²	180		
6.5	SANS 1200 LE		Concrete drainage pipes				
6.5.1	8.2.1		Supply, handle, lay, bed Class C concrete, type SC and Class 75D pipes				
6.5.1.1			450mm diameter	m	100		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 7: SEWER RETICULATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7	SANS 1200C		SEWER RETICULATION				
7.1			SITE CLEARANCE				
7.1.1	8.2.1	LI	a) Clearing and grubbing where necessary 3m wide	m	200		
7.2	SANS 1200 DB		EXCAVATION				
			Excavation for sewer reticulation pipes				
7.2.1		LI	a) Excavating in all materials for trenches, backfill and compact including disposal of surplus unsuitable material within for stormwater pipes up to to 160mm in diameter for depths.				
			i. 0 m to 1.0 m	m³	60		
			ii. 1.0 m to 2.0 m	m³	38		
			iii. 2.0 m to 3.0 m	m³	23		
			iv. 3.0 m to 4.0 m	m³	23		
7.2.2			b) Extra over item for excavation in in intermediate material	m³	15		
7.2.4			c) Extra over item for excavation in hard rock	m³	15		
7.3			Excavation ancillaries				
7.3.1			Make up deficiency in backfill material (provisional)				
7.3.2	8.3.3.1		a) From other necessary excavations on site	m³	120		
7.3.3	8.3.3.1		b) By importation from designated borrow pit	m³	120		
7.3.4	8.3.3.1		c) By importation from commercial or off-site sources	m³	40		
7.4	SANS 1200 LB		BEDDING (SEWER PIPES)				
			Provision of bedding				
7.4.1	8.2.2		a) Provision of bedding from other excavations on site				
7.4.1.1			i. Selected granular bedding material	m³	42		
7.4.1.2			ii. Selected blanket fill material	m³	42		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 7: SEWER RETICULATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
7.4.2	8.2.2.3		b) Provision of bedding from commercial sources				
7.4.2.1			i. Selected granular bedding material	m³	42		Rate Only
7.4.2.2			ii. Selected blanket fill material	m³	42		Rate Only
7.5	SANS 1200 LD 8.2.1		PIPEWORK				
			uPVC pipes				
7.5.1			Supply, lay, joint, bed, clean and testing of all uPVC sewer lines including all couplings and fittings				
			a)160 mm dia. on class C bedding	m	150		
			b) Rodding Eye	No	4		
			c) Bends	No	4		
7.5.2			Expose by hand excavation, inspect, clean, and test the existing uPVC sewer line, and backfill with suitable material	m	188		
7.5.3			Provide a budgetary allowance of R 20 000 for repairs to leakages if any as well as making good and refurbishing any defects	Sum			R 20 000,00
7.6	8.2.3		MANHOLES, ETC				
7.6.1	8.2.3		ROCLA concrete manholes or similar complete with floor and roof slab, benching, channels, waterproofing, manhole cover cover and frame, step irons, seal of opening between manhole cover and frame, etc and test for water tightness as per specifications for the following depths:				
7.6.1.1			i. 0 m to 1.0 m	No.	4		
7.6.1.2			ii. 1.0 m to 2.0 m	No.	1		
7.6.1.3			iii. 2.0 m to 3.0 m	No.	1		
7.6.1.4			iv. 3.0 m to 4.0 m	No.	2		Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 8: WATER RETICULATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8	SANS 1200L		WATER RETICULATION				
8.1	PSL-7.3		Hydraulic Pipe Testing: Provisional amount for Pipe specials and fittings for testing and repairs related to leakages, as well as making good & refurbishing any defects Fittings and Specials for Upvc pipes Fire Hydrants Supply, install, bed and test fire hydrant assemblies in uPVC mains complete as per drawing. Cutting of pipes, concreting, couplings, hydrant tess and corrosion protection all included	Sum			R 50 000,00
8.1.1				No	3		Rate Only
8.2	PSL-2		Valves				
	SANS 1200L 8.2.5		Supply, install, bed and test line valve assemblies including valve box in Upvc mains complete as per Drawing No.IPA/BPLM/TB/DR13. Cutting of pipes and couplings included. Valves to be anti-clockwise closing.				
8.2.1			75mm diameter				
			1. Isolating Valve	No	7		Rate Only
			2. Scour Valve	No	1		Rate Only
			3. Air Valve	No	1		Rate Only
8.3	PSL-2		Water Meters				
8.3.1	SANS 1200L 8.2.5		Supply and install Meinecke or similar approved flanged flow meter including interface for 4-20mA				
			150 mm diameter	No	1		Rate Only
TOTAL CARRIED TO SUMMARY							R 50 000,00

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 9: TOPSOILING AND GRASSING

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9	SANS 1200DA 8.3.6		TOPSOILING				
			Preparing the areas for grassing				
9.1			(a) Ripping	ha			Rate Only
9.2			(b) Scarifying for loosening topsoil	ha	1,2		
9.3			(c) Topsoiling where the materials are used:				
			(i) Topsoil obtained from other sources by the Contractor (including all haul)	m³			Rate Only
9.4			(d) Providing and applying chemical chemical fertilizers and/ or soil-improvement material	kg	1 100		
9.5	8.3.7		GRASSING				
9.5.1			(a) Planting of grass cuttings	m²	8 000		
9.5.2			(b) Planting of grass from seeding	m²			Rate Only
9.5.3			(c) Planting of grass on the slopes of platforms	m²	4 000		
9.5.4			Provision for Gardening Services	Month	3		
9.6	PSHA		GOAL POSTS				
9.6.1			Supply, transport and install goalposts as specified on drawings complete with nets	No	2		
TOTAL CARRIED SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 10: PLATFORMS

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
10	SANS 1200C		SITE CLEARANCE				
10.1	8.2.1		Ripping	ha	0,10		Rate Only
10.2	SANS 1200D	(LI)	MASS EARTHWORKS				
			Site preparation				
			Remove topsoil to nominal depth 100mm and dispose	m³	49,03		
10.3	8.3.2		Bulk excavation				
10.3.1			Excavate in soft materials and use for embarkment or backfill or dispose as ordered. Compaction shall be as indicated on drawings	m³	220,64		
10.3.2			Extra over for				
			(a) Intermediate excavation	m³	110,32		
			(b) Hard Rock excavation	m³	55,16		
10.4			EARTHWORKS				
10.4.1	8.3.3		Subgrade preparation and compaction of material to (a) Minimum of 90% MOD AASHTO maximum density 150mm	m³	109,14		
10.4.2			Cut to fill				
	8.3.4		Compact to 90% of modified AASHTO maximum density	m³	82,74		
10.4.3	8.3.5		Selected layers				
			Compact to 93% of modified AASHTO maximum density 150mm G7 material obtained from commercial sources	m³	327,42		
10.5	SANS 1200 ME		SUBBASE				
10.5.1	8.3.1		Construct subbase with material from designated borrow pits or commercial sources				
			G6 material, compacted to 98% of MOD AASHTO maximum density in layers not exceeding 150 mm	m³	218,28		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 10: PLATFORMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
10.6			BASE				
10.6.1			Construct base with material from designated borrow pits or commercial sources				
			G4 material, compacted to C4 stabilised material to 95% of Mod AASHTO maximum density in 150 mm	m³	109,14		
10.7	SANS 1200D		BORROW MATERIALS				
10.7.1	8.3.4		Excess overburden in borrow pits for obtaining material for construction of platforms				
			i. 0 m to 1.0 m	m³	54,57		Rate only
			ii. 1.0 m to 2.0 m	m³	43,66		Rate only
			iii. 2.0 m to 3.0 m	m³	43,66		Rate only
			iv. Greater than 3.0 m	m³	20,00		Rate only
10.7.2			Finishing-off borrow areas in:				
			(b) Intermediate material	ha	1,00		Rate Only
			(c) Soft material	ha	1,00		Rate Only
10.7.3			Protecting borrow pits:				
			a) Stock proof fencing	km	0,80		
			b) Corner post	No.	4,00		
			c) Gates all inclusive.	No.	1,00		
10.8	SANS 1200DB		HAUL DISTANCE				
10.8.1	8.3.3.4		a) Limited overhaul (Provisional)	m³			Rate Only
			a) Long overhaul (Provisional)	m³.km	545,70		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1


Witness 2


BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 11: PAVING PARKING AREAS


ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11	SANS 1200 MJ 8.2.2	LI	SEGMENTED PAVING				
11.1			Construction of paving complete as detailed as per the Engineer's Drawings				
			Supply and Place a layer of 20mm bedding sand on top of the compacted roadworks	m ³	15		
11.1.1			(a) 60mm interlocking block,25 Mpa				
			i. Ramp	m ²	237		
			ii. Widening of existing Access road from Grandstand to Gate 2	m ²	456		
			iii. Walkways	m ²	34		
			Removal and reinstating of existing kerbs	m	228		
11.2			Provision of approved herbicide and ant poison				
			(a) Weed-killing treatment of surface under paving etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	863		
11.3	SANS 1200 MK 8.2.2	LI	KERBING AND CHANNELING				
11.3.1			Supply,lay and bed and joint concrete sections				
			(a) Figure 8C mountable kerb class 25/19				
			i. 1m length on straight	m	68		
11.4	SANS 1200MM 8.3		ROAD SIGNS				
			Road sign boards with painted or coloured semi-matt background. Symbols, lettering and borders in semi-matt black or in Class 1 retro-reflective				
11.4.1	8.3.2		(a) Prepainted galvanized steel plate (chromadek 1,6mm thick or approved equivalent)				
		LI	(i) Area not exceeding 2 m ²	m ²	6		
11.5	8.3.3		Road sign supports				
11.5.1		LI	(b) Timber 150mm	m	5		
TOTAL CARRIED FORWARD							



Contractor


Witness 1


Witness 2


Employer


Witness 1


Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 11: PAVING PARKING AREAS

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
11.5.2	8.3.4	LI	Excavation and backfilling for road sign supports	m ³	2		
11.5.3		LI	Extra over item 56.05 for cement-treated soil backfill	m ³	2		
11.6	8.4		ROAD MARKINGS				
11.6.1	8.4.1		Retro-reflective (water based) road-marking paint				
		LI	(a) White lines (broken or unbroken):				
			(i) 150 mm wide	km	2		
		LI	(b) Yellow lines (broken or unbroken):	km			
			(i) 150 mm wide	m ²	15		
		LI	(c) White lettering and symbols	m ²			
		LI	(d) Yellow lettering and symbols	m ²	15		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 12: PLATFORMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12	SANS 1200ME		ROADS AND PARKING AREAS				
12.1	8.3.5		Stabilization				
12.1.1			Chemical stabilization extra over unstabilized compacted layers				
			Base	m³	109		Rate Only
12.2	8.3.8		Chemical stabilizing agent				
12.2.1			Cement	t	8		Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 13: REMEDIAL WORKS

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13		LI	REMEDIAL WORKS <p>NATURE OF WORK Tenderers are advised to visit the site and to satisfy themselves as to the nature and extent of the work to be done and provide in their tenders for any items not specifically mentioned which they may deem necessary for the proper completion of the work.</p> <p>DIMENSIONS-The Contractor is advised to take all dimensions affecting the existing buildings on the site, as he will be held solely responsible for all new work being of the correct sizes.</p> <p>PIPES, ETC. Special care is to be taken not to interfere unnecessarily with any water supply pipes or other piping that may be met with and found necessary to disconnect or cut, are to be effectively stopped off and any new connections that may be necessary are to be made with proper fittings and to the satisfaction of the Project Manager to whom due notice must be given of any alterations to the existing services.</p> <p>PROTECTION In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the buildings. The Contractor must also protect all work not removed such as walls, floors, doors, windows or other joinery, loose and fixed fittings and electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing. The Contractor will be held solely responsible for any damage to persons or property and for the safety of the structure throughout the whole of this Contract and must make good at his own expense any damage that may occur.</p> <p>CREDITS, ETC. Old materials for re-use are to be carefully removed, stored and protected from injury including making good any damaged or defective parts as required before re-fixing. Old materials described to be handed over are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish to be immediately carted away and the site left clean and unencumbered.</p> <p>MATERIALS, ETC. The materials to be used and work to be done to be similar in all respects to that described for new work insofar as they concur. All work in making good is to be properly jointed to the existing.</p>				
13.1			REMOVAL OF EXISTING WORKS GRANDSTAND ABLUTION-SEGMENTAL PAVING <p>Remove the existing paving within a 2-meter radius from the grandstand ablution walls and lower the ground to 200 mm below the finished floor level. Afterward, re-lay the paving blocks as per the Engineer's</p>				
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 13: REMEDIAL WORKS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
13.1.1		LI	specifications to effectively channel stormwater away from the grandstand ablutions. The quoted rate should cover labor costs exclusively. Remove the existing paving 2m from the Grandstand Ablution walls and stockpile for later use.	m ²	135		
13.1.2		LI	Remove the existing sand bedding and stockpile for later use	m ³	3		
13.1.3		LI	Excavate to lower the existing ground level to 200mm below the finished floor level	m ²	135		
13.1.4		LI	Supply and Installation of Figure 8C kerbs as directed by the Site Engineer	m	66		
13.1.5		LI	Lay the 20mm Sand bedding from stockpile	m ²	135		
13.1.6			Re-laying the paving blocks	m ²	135		
13.2			Building Works Breaking down and removing brickwork etc.				
13.2.1			1. Half brick wall	m ²			Rate Only
13.2.2			2. One brick wall	m ²			Rate Only
13.3			Refixing of existing doors, windows, etc				
13.3.1			Setting up steel window not exceeding 1m ² in brickwork and replacing any broken glass panes with 4mm patterned glass	No			Rate Only
13.3.2			Glass from steel windows including cleaning out rebates & preparing for new glass	No			Rate Only
13.4			Provide an amount for concrete beam chipping and repairing any honey combing or surface defects as directed by the Engineer.	P. Sum			R 15 000,00
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM	CIVILS SUMMARY SUMMARY	AMOUNT
1	PROVISIONAL SUMS	
2	SOCCER FIELD CONSTRUCTION	
3	ATHLETICS TRACK CONSTRUCTION	
4	STORMWATER DRAINAGE	
5	SEWER RETICULATION	
6	WATER RETICULATION	R 50 000,00
7	TOP SOIL AND GRASSING	
8	PLATFORMS	
9	PAVEMENT AND PARKING	
10	STABILISING	
11	REMEDIAL WORKS	
TOTAL CARRIED TO FINAL SUMMARY		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE OF QUANTITIES

REFURBISHMENT OF NAMAKGALE STADIUM

B - BUILDING WORKS

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 14: PROVISIONAL SUMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
14			SUMS STATED PROVISIONALLY BY THE ENGINEER				
14.1	PSA-6.17		GATE 1 (Structural and Architectural Steelwork and Art Work)				
14.1.1			Provide the provisional amount as indicated for structural and architectural steel work, signage and artwork for Gate 1 as per drawings to be executed by a sub-contractor	P. Sum			R 100 000,00
14.1.2			Allow for Profit and Attendance	%		5,0%	
14.1.3	PSA-6.18		Provide the provisional amount as indicated for the upgrading of Access Gates (Gate 1 & 2) as directed by the Site Engineer	P. Sum			R 45 000,00
14.1.4			Allow for Profit and Attendance	%		5,0%	
14.1.5	PSA-6.20		Provide the provisional amount as indicated for the supply and installation of turnstiles for Gate 1 as per drawings to be executed by a sub-contractor	P. Sum			R 200 000,00
14.1.6			Allow for Profit and Attendance	%		5,0%	R 10 000,00
14.1.7			Provide the provisional amount as indicated for the removal and re-installation of Clearview fence at Gate 1 as instructed by the Engineer	P. Sum			R 25 000,00
14.1.8			Allow for Profit and Attendance	%			
14.2			HANDRAILS & SAFETY PANELS				
14.2.1			Provide a provisional amount as indicated for the supply and installation of Handrails as per the Engineer's specification, to be executed by a sub-contractor	P. Sum			R 100 000,00
14.2.2			Allow for Profit and Attendance	%		5,0%	
14.3			PERIMETER WALL				
14.3.1			Provide a provisional amount as indicated for the repair work on the existing perimeter wall, which includes addressing deteriorated sections, plastering, painting, and the installation of razor wire.	P. Sum			R 150 000,00
14.3.1			Allow for Profit and Attendance	%		5,0%	
14.4			GRANDSTAND ABLUTION ROOF				
14.3.1			Provide a provisional amount as indicated for the supply and installation of a canopy roof at the back of Grandstand as directed by the Engineer	P. Sum			R 35 000,00
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS:SCHEDULE OF QUANTITIES SECTION 1: PROVISIONAL SUMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
14.3.1			Allow for Profit and Attendance	%			
14.4			Breaking out for and forming openings for new windows through brick walls incg necessary precast concrete lintels and making good plaster on both sides and into reveals and with concrete thresholds with steel trowelled finish				
14.5.1			Opening for window not exceeding 2,5m² through half brick wall	No	6		
14.4			Waterproofing				
14.6.1			Grandstand ablution waterproofing	P. Sum			R 65 000,00
14.6.2			Allow for Profit and Attendance	%			
14.7			Roof Testing and Commissioning				
14.7.1			Provide an amount for the testing of the structural integrity of the Grandstand Ablution roof by a specialist	P. Sum			R 10 000,00
14.7.2			Allow for Profit and Attendance	%			
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS:SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1			BILL NO 1				
1.1			EARTHWORKS (Provisional)				
1.1.1			PREAMBLES For preambles see, " Model Preambles for Trades (2008)" as well as the provisions of SANS1200D shall apply. SANS1200D shall take precedence where there are discrepancies				
1.1.2			SUPPLEMENTARY PREAMBLES a) Nature of ground Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth", and where conditions of a more difficult characters are indicated, these are separately measured. b) Carting away of excavated material Descriptions of carting away of excavated material shall be deemed to include loading excavated material into trucks directly from excavations or, alternatively, from stock piles situated on the building site. Removal and cart away of all rubble shall be to the Employers' approved dumping site c) Filling Notwithstanding the reference to prescribed 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 any necessary multiple handling of material.				
1.2			SITE CLEARANCE, ETC				
1.2.1		LI	Site clearance Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 20mm girth where necessary.	m ²			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.2.2			EXCAVATIONS, FILLING, ETC.	m ³			Rate Only
			Excavations				
			Excavate in earth not exceeding 2m deep				
			Trenches				
1.2.3			Extra over trench and hole excavations in soft material for excavation in	m ³			Rate Only
			Soft rock				
1.2.4			Hard rock	m ³			Rate Only
1.2.5			Extra over excavation for carting away	m ³			Rate Only
			Surplus material from excavation to a dumping site to be located by the contractor				
			Risk of collapse of excavations				
1.2.6			Risk of collapse to sides of excavation for trenches and holes from natural, elevated or reduced ground level not exceeding 1,5m deep	m ²			Rate Only
			Keeping excavations free of water				
1.2.7			Allow for keeping excavations free of water other than subterranean water	Item			Rate Only
1.2.8			FILLING, ETC.	m ³			Rate Only
			Earth filling with selected material obtained from the excavation and/or stork piles on site compacted to 95% Mod AASHTO				
			Backfilling to trenches, holes, etc				
			Earth filling G7 material supplied by the contractor compacted to 95% Mod AASHTO density				
1.2.9			Under floors, etc	m ³			Rate Only
			Earth filling with selected material obtained from the excavation and/or stock piles on site compacted to 89% Mod AASHTO				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.2.10			Under floors etc including light compaction	m3			Rate Only
			Compaction of surfaces				
1.2.11			Compaction of ground surfaces under floors, etc including scarifying for a depth of 300mm breaking down oversize material,adding suitable material where necessary and compacting in 150mm layers to 95% Mod AASHTO density	m2			Rate Only
			Prescribed density tests on filling				
1.2.12			Modified AASHTO Density test	No.			Rate Only
			SOIL POISONING				
			Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years				
1.2.13			Under floors etc including forming and poisoning shallow furrows against foundation walls etc,filling in fullows and raming	m ²			Rate Only
1.2.14			To bottom and sides of trenches etc	m ²			Rate Only
1.2.15			To bottom of concrete aprons	m ²			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2			BILL NO 2				
2,1			CONCRETE, FORMWORK AND REINFORCEMENT (Provisional)				
2.1.2			PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Accuracy Accuracy of concrete works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.3 and 5.4 of SANS 10155. Formwork Formworks to soffits of solids etc shall be deemed to be slabs not exceeding 300mm thick 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 taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks" H.D. Bolts and Miscellaneous Metal Work All H.D bolts, washers and nuts to be supplied by the contractor. Rates to include for sandblasting and galvanising all bolts and metal work to applicable specification				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
2.1.3			CONCRETE UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 15MPa/19mm concrete Surface blinding under blinding footings and bases	m ³			Rate Only
2.1.4			REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 25MPa/19mm concrete Surface beds cast in panels	m ²			Rate Only
2.1.5			Strip footings	m ³			Rate Only
2.1.6			Aprons slabs 75mm thick to falls in 2000 mm long blocks with movement joints including excavation and compaction of in situ material to 95% Mod AASHTO including formwork to edges	m ³	5		
2.1.7			Test blocks Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No.			Rate Only
2.1.8			CONCRETE SUNDRIES Finish top surfaces of concrete smooth with a wood float to: Surface beds cast in panels	m ²			Rate Only
2.1.9			FORMWORK Rough formwork to sides: Edges, risers, ends and reveals not exceeding 300mm high	m ²			Rate Only
2.1.10			MOVEMENT JOINTS,ETC 10mm Thick isolation between concrete surface beds and wall Not exceeding 300mm high to edges of surface beds	m			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
2.1.11			Saw cut joints Machine cut open joint 3mm wide × 40mm deep in top of concrete surface bed including short length, etc REINFORCEMENT NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No 114 for contract price adjustment purposes Mild steel bar reinforcement to structural concrete work	m			Rate Only
2.1.12			10mm Diameter bars High tensile steel reinforcement to structural concrete work	ton			Rate Only
2.1.13			12mm Diameter bars Fabric reinforcement	ton			Rate Only
2.1.14			Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3			BILL NO.3 MASONRY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES BRICKWORK Sizes in Descriptions Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick. Hollow Walls Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole. Face Brick Bricks shall be ordered timeously to obtain uniformity in size and colour. Pointing Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc Accuracy Accuracy of masonry works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.5 of SANS 10155.				
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			BRICKWORK IN FOUNDATIONS (PROVISIONAL)				
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:				
3.1.1			One brick walls	m ²			Rate Only
3.1.2			460mm brick walls	m ²			Rate Only
			BRICK WORK IN SUPERSTRUCTURE				
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:				
3.1.3			Half brick walls	m ²			Rate Only
3.1.4			One brick walls.	m ²			Rate Only
			BRICKWORK SUNDRIES				
			Bagging of 1:3 cement and sand mixture				
3.1.6			Bag outer face or inner skin of brick wall to receive bitumen paint (elsewhere measured)	m ²			Rate Only
			Joint forming material in movement				
3.1.7			10mm thick brick impregnated softboard expansion joint filling, built in vertically as the proceeds, including all cutting and waste	m ²			Rate Only
			Brickwork reinforcement				
3.1.8			75mm wide reinforcement built in horizontally	m			Rate Only
3.1.9			150mm wide reinforcement built in horizontally	m			Rate Only
3.1.10			220mm wide reinforcement built in horizontally	m			Rate Only
			Turning pieces to lintels, etc.:				
3.1.11			230mm wide turning pieces.	m			Rate Only
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
3.1.12			Prestressed fabricated concrete lintels including necessary temporary supports 110 x 75mm Lintels in lengths not exceeding 3m	m			Rate Only
3.1.13			Facebrick FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints Extra over brickwork for face brickwork	m ²			Rate Only
3.1.14			Brick-on-edge lintels, header course copings, sills, etc. of FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints Extra over brickwork for face brick-on-edge cills	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4			BILL NO. 4 WATERPROOFING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Guarantee Provide an insurance backed guarantee from the manufacturer for the waterproofed area including flashings, skirtings, outlets, expansion joints, etc for a minimum period of 10 years. If any finish installed over the waterproofing is to be removed due to leaks it shall be replaced by the guarantor at no charge. Waterproofing Arrange a meeting with the waterproofing contractor, waterproofing manufacturer and the architect well in advance of the start of any waterproofing works, discuss all aspects of the waterproofing. After this meeting obtain from the manufacturer a written waterproofing specification and all applicable waterproofing details, submit to the architects for acceptance During the course of the works the manufacturer of the waterproofing material must inspect regularly, and upon completion of the installation must certify in writing that the application has been done in accordance with the manufacturers instructions Prior to installation of the waterproofing protection layer a 48hr flood test must be performed; provide test report on completion. 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-down DAMPPOOFING OF WALLS AND FLOORS One layer of 375 micron black embossed polyolefin damp proof coarse complying with SANS952 type B.				
4.1							
4.1.1							
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
4.1.2			Laid horizontally in unjointed lengths and with full corner laps over full width of wall 150mm above external finished ground level, under copings, stepped over lintels, under window sills and tucked in under window profiles One layer 250-micron smooth green polyolefin membrane complying with SANS952 type C.	m ²			Rate Only
4.1.3			Laid under surface beds in the largest practical sizes with 200mm laps, seal laps in accordance to manufacturers specification, fold membrane up against external walls Two coats "Brixel" bitumen emulsion waterproof coating On bag washed brick walls	m ²			Rate Only
4.1.4			JOINT SEALANTS, ETC. Jaycothane' 673 polyurethane sealant compound including 15mm compressible filler with tear off slip, etc In 10 x 10mm Isolation joints	m			Rate Only
4.1.5			Two-part "Jaycothane" 673 sealant including 10mm closed cell polyethylene backing cord "sondor cordex", bond breaker, Jaycothane' primer, etc 3 x 10mm In saw cut joints in floors	m			Rate Only
4.1.6			Silicone sealant Clear silicone to SANS1305 type B with fungicide to junctions between walls and sanitary fittings	m			Rate Only
4.1.7			Polyurathane sealant Sealant around door frames and windows to match colour of window frames	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5			BILL NO.5 ROOF COVERINGS PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Fixing of roof sheeting The sheets shall be fixed to every purlin by means of patented fixing method which will securely hold the sheets in position and lock-in both the side lap and center ribs. The clips shall be manufactured from Galvanized steel and shall be fixed to the steel purlins with two cadmium plated 16mm long self-drilling/tapping screws, or with NA2 annular nails to timber purlin 0,8mm Thick flashings Flashings shall be approved and fixed to the sheeting with clips to obviate any direct fixing perforation. Prior to flashings being fixed, all troughs at the apex shall be stop ended to the full. depth of the sheet in order to prevent any penetration of wind driven water. The trough shall be lipped at the eaves end to form a drip Flashings flanges shall be notched to the sheet profile where necessary. All these operations must be performed with special tools. Care shall be taken to ensure that no sheeting or flashing will be cut with abrasive disc on roof surface in order to prevent steel spatter from penetrating colour coated areas Certificate for Roof Covering The contractor is to submit a certificate signed by the merchant, stating that the roof covering supplied, complies with the required thickness specified Loads & Deflections Accommodate all wind loading and pressures safely during installation and after completion, without detriment to the performance of the works. Accommodate all tolerances and movements of the building structure without damage or reduction in the performance of the works				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
5.1.1			<p>Accommodate known impact loads, or transferred impact loads that occur during service life, as well as loads imposed during maintenance</p> <p>Take special care and precautions at all times to prevent scratching and or other damage to the finished surfaces. Scratched and / or damaged sheets will not be accepted.</p> <p>At all times roof boards shall be used as walking areas on the roof to avoid damage to the sheets</p> <p>All exposed fixings for roofing, fittings, accessories, atc, shall be with top speed stainless steel fixing screws or fasteners with stainless steel bonded washers unless otherwise stated</p> <p>Guarantee</p> <p>Provide 5 year material and workmanship guarantee.</p> <p>Provide 10 year paint finish guarantee.</p> <p>ROOF COVERINGS, WALL CLADDING AND ACCESSORIES</p> <p>0,5mm thick brown built kliplock profile roof sheeting @ 5-degree pitch, complete with all necessary flashing and fittings as by manufacturers.</p> <p>Roof covering with pitch not exceeding 5 degrees as specified on architectural drawings and in accordance to manufacturers recommendation</p>	m ²			Rate Only
5.1.2			<p>ROOF INSULATION</p> <p>4mm Alu-bubble double bubble roof insulation laid all in accordance with the manufacturer's recommendations.</p> <p>Fixed to underside of roof sheeting in accordance with the manufacturer's recommendations.</p>	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6			BILL NO.6 CARPENTRY AND JOINERY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type b) SABS 1301 Particle board: interior type Descriptions The term "planted on" shall mean the nailing of timber to timber The term "screwed on" shall mean the countersunk screwing of timber to timber The term "screwed and pelleted on" shall mean the screwing of timber to timber with the heads of screws sunk and pelleted The term "screwed and pelleted on" shall mean the screwing of timber to timber with the heads of screws sunk and pelleted The term "plugged" shall mean the countersunk screwing of timber to brickwork or concrete including plastic plugs The term "plugged and pelleted" shall mean the screwing of timber to brickwork or concrete including plugs with heads of screws sunk and pelleted Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc Joinery Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes				
6.1							
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			<p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Fixing</p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p>Decorative laminate finish</p> <p>The sizes listed are Nominal sizes for solid SA pine members</p> <p>Quality Control - Doors</p> <p>Submit test certificate from door supplier / manufacturer that typical prototype type of door has been tested and meets the specified performance, exposure, and fire classification</p> <p>Shop Drawings - Joinery Fittings</p> <p>Provide shop drawings of each typical type of joinery fitting for acceptance prior to execution of the works, provide samples as called for by the architects for acceptance.</p> <p>Prefabricated Roof Trusses</p> <p>Prefabricated trusses shall be fabricated in a factory by a truss fabricator who has been awarded a Certificate of Competence by the Institute of Timber Construction and is approved by the Principal Agent.</p> <p>All trusses shall be designed by a registered Professional Engineer in accordance with SABS Code of Practice for Design of Timber Structures</p> <p>PREFABRICATED ROOF TRUSSES, ETC.</p> <p>Sawn softwood:</p>				
6.1.1			50 x 76mm Purlins	m			Rate Only
6.1.2			38 x 114mm Wall plate bedded level on and including cement mortar Plate nailed timber roof truss construction The following is applicable in respect of roof trusses	m			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
6.1.3			Mono pitched prefabricated roof trusses bearing on wall plate on both sides Mono pitched timber roof truss with 400mm overhang at the end, spanning 6 460mm	no			Rate Only
6.1.4			NUTEC, FIBRE CEMENT, ETC 12 x 225mm Fascias and barge boards, including galvanised steel H-Profile joiners	m			Rate Only
6.1.5			DOORS, ETC. 44mm Thick Semi-solid meranti doors Semi-solid manual inward opening timber single door with 15mm horizontal panels in projection, size 914 x 2032. D3	No	2		
6.1.6			Solid interior timber single door size 762 x 2032. D1	No	5		
6.1.7			Solid interior timber single door size 813 x 2032. D2	No	5		
6.1.8			FITTINGS, E.T.C Wrought meranti Timber panel bench to Architects detail, size 1 500 x 500 x 500mm high	No	1		
6.1.9			VANITY TOPS Granite Vanity top units comprising 600 x 30mm thick top, 300 x 20mm thick fascia and 100 x 20mm thick splashback skirting, complete with all necessary accessories, the whole plugged into brickwork as per architect's drawing 1 520mm Long overall with cuttings for 2 No. wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	1		
6.1.10			3 060mm Long overall with cuttings for 4 No. wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7			BILL NO.7 CEILINGS, PARTITIONS AND ACCESS FLOORING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Accuracy Accuracy of ceiling finish shall comply with Grade I as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.8 of SANS 10155 Descriptions Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete terms described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere GYPSUM FLUSH PLASTERED CEILINGS 7.1.1 9,5mm thick skimmed rhino gypsum ceiling boards fixed on metal screws up grid system suspended from trusses 7.1.2 Extra over ceiling for opening n.e. 100mm diameter downlighter (provisional) 7.1.3 Extra over ceiling for opening for lights (provisional) 7.1.4 Extra over for Trap door Pre-painted or similar shadowline perimeter trims fixed to timber battens. Pre-painted shadowline wall angles, plugged 7.1.5 15mm shadowline cornice CEILING INSULATION 7.1.6 50mm thick non-combustible light weight fibreglass Glasswool thermal ceiling insulation				
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8			BILL NO 8 IRONMONGERY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Ironmongery Arrange a meeting with the ironmongery specifier, discuss all aspects of the works. After this meeting obtain from the ironmongery specifier a written specification and all applicable, submit to the architects for acceptance advance of the start of any ironmongery works, discuss all all aspects of the works. After this meeting obtain from the ironmongery specifier a written specification and all applicable, submit to the architects for acceptance During the course of the works the ironmongery specifier must inspect regularly, and upon completion of the installation must certify in writing that the installation is in accordance with the manufacturers instructions. Master Key Provision All cylinders and lever mechanism locks shall be deemed to be under either a master key plan or suited or a combination of both and shall be agreed in writing with the architect and manufacturer / supplier prior to order placement. Key Handover Before Practical Completion, account for and adequately label all keys. Provide the architect with an itemised schedule and retain a duplicate schedule as a receipt. The master keys to be issued by the cylinder/key supplier direct to the architect Guarantee 5 year product guarantee. Finishes Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded Fixing Description of wall mounted and floor-standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories Description of proprietary items shall be deemed to include for fixing in position and all fixing accessories as specified by the manufacturer HINGES, BOLTS, ETC 8.1.1 Stainless steel Butt Hinge 8.1.2 Rebate Set 8.1.3 WC Indicator Bolts LOCKS 8.1.4 Mortice Lockset				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
8.1.5			HANDLES Stainless steel 30mm Pull Handle flange fixed	No	5		
8.1.6			DOOR CLOSERS Door closer	No	5		
8.1.7			Floor door stop	No	5		
8.1.8			Dust proof strike	No	5		
8.1.9			Hat and coat hook with buffer	No	5		
8.1.10			BATHROOM FITTINGS Grade 304 (18/10) stainless steel satin finish wall mounted lockable 3 toilet roll holder, suitable to be mounted onto toilet side wall.	No	7		
8.1.11			Industrial push / pump type lockable wall mounted soap dispenser with a grade 304 (18/10) stainless steel satin finish and 1L liquid soap capacity	No	7		
8.1.12			Grade 304 (18/10) stainless steel satin finish wall mounted fully automated vandal proof hot air hand dryer, with minimum 2500W power and 30 m/s air speed	No	3		
8.1.13			32mm stainless steel side grab rail	No	1		
8.1.14			32mm stainless steel rear grab rail	No	1		
8.1.15			LOCKERS, ETC Powder coated steel 1800mm x 300mm x 450 . double tier locker including hasp and staple for padlock facility to Architects details	No	1		
8.1.16			LETTERS, NAMEPLATES, ETC 152 x 152 x 2mm aluminium, anodised silver engraved sign with male pictogram E10	No	1		
8.1.17			152 x 152 x 2mm aluminium, anodised silver engraved sign with female pictogram E11	No	1		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
8.1.18			152 x 152 x 2mm aluminium, anodised silver engraved sign with paraplegic pictogram pictogram E14	No	1		
8.1.19			152 x 152 x 2mm aluminium, anodised silver engraved sign with words STORE	No	2		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9			BILL NO.9 METALWORK PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill STEEL WINDOWS, DOORS, ETC 1,2mm Double rebated frames suitable for one brick walls complete with crimped lugs for building in, 2 x 100mm galvanised and welded loose pin 29 hinges and adjustable chrome plated striking plate all to comply to SANS 11				
9.1.1			Frame for single door size, 813 x 2032mm. (D2)	No			Rate Only
9.1.2			Frame for single door size, 914 x 2032mm. (D3)	No			Rate Only
9.1.3			1,2mm Double rebated frames suitable for half brick walls complete with crimped lugs for building in, 2 x 100mm galvanised and welded loose pin hinges and adjustable chrome plated striking plate all to comply to SANS 1129. Frame for single door size, 762 x 1882mm. (D1)	No			Rate Only
9.1.4			STEEL WINDOWS Standard profile steel windows as per Window schedule attached Window W1 type NE1, size 533 x 654mm high including burglar bars	No	6		
9.1.5			STEEL LOVRES Custom made steel louvres as per specialist W3, size 1 513 x 406mm	No	2		
9.1.6			METAL GATES, ETC Standard NTY combi door and frame with galvanised mild steel gate and cylinder lock, size 914 x 2032m	No	1		
9.1.7			Purpose made gate made out of standard 76 x 38mm rectangular steel tubing, size 1 205 x 2 060mm, D7	No	1		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
9.1.8			Purpose made gate made out of standard 76 x 38mm rectangular steel tubing, size 1 500 x 2 060mm, D8	No	1		
9.1.9			Purpose made gate made out of standard 76 x 38mm rectangular steel tubing, size 1 673 x 2 060mm, D9	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
10			BILL NO.10 PLASTERING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SCREEDS Wood floated screeds on concrete: 10.1.1 30mm Thick on floors and landings. m ² Rate Only GRANOLITHIC 10.1.2 Untinted granolithic, on concrete finished with two coats of wax polish 30mm Thick on floors and landings. m ² INTERNAL PLASTER Cement plaster steel trowelled on brickwork on: 10.1.3 Internal walls m ² Rate Only 10.1.4 Narrow widths m ² Rate Only EXTERNAL PLASTER Cement plaster on brickwork on: 10.1.5 External walls m ² Rate Only 10.1.6 Narrow widths m ² Rate Only CORNER PROTECTORS, DIVIDING STRIPS, ETC 10.1.7 25 x 3mm Flat section brass dividing strips between different floor finish cast into concrete m Rate Only 10.1.8 40 x 3mm Flat section weather bar cast into concrete m Rate Only				
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11			BILL NO.11				
11.1			TILLING				
			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			SUPPLEMENTARY PREAMBLES				
			Accuracy				
			Accuracy of tiling works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.8 of SANS 10155.				
11.1.1			Floor tiling	m ²	64		
11.1.2			300mm x 75 x 10mm thick ceramic tile skirting to match floor tile, installed with approved tile adhesive and dove grey tile grout, to cement plastered wall. Top of tile skirting to be neat and level and prepared for painting.	m	5		
			WALL TILING				
			Supply and install 330mm x 3300mm first grade glazed ceramic wall tile with tile wear rating 4, fixed to internal wall plaster backing with quality tile adhesive mixed with bonding liquid in lieu of water, with 3mm joints continuous in both directions, and grouted with dove grey tile grout.				
11.1.3			Wall tiling	m ²	94,5		
			SUNDRIES				
11.1.4			Soap dish	No	2		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12			BILL NO. 12				
			PLUMBING AND DRAINAGE (Provisional)				
12.1			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			All plumbing and drainage to comply to SANS 10252-1 and 0252-2 and 10400 part P.				
			RAINWATER DISPOSAL				
			Galvanised steel gutters				
12.1.1			150mm wide Gutter including fixing brackets	m	13		
12.1.2			Extra over 150mm girth eaves box gutter for stopped end	No	1		
12.1.3			Extra over 150mm girth eaves gutter for angle	No	3		
12.1.4			Extra over 150mm girth eaves gutter for outlet for 75mm diameter pipe	No	3		
12.1.5			75mm Diameter rainwater pipe including holderbolts etc	m	10		
12.1.6			Extra over 75mm diameter rainwater pipe for bend	No	3		
12.1.7			Extra over 75mm rainwater pipe for shoe	No	3		
12,18			Extra over 75mm diameter rainwater pipe for eaves or plinth offset 600mm projection	No	3		
			SANITARY FITTINGS				
			SANITARY FITTINGS, INCLUDING FIXING AND BUILDING IN, BEDDING SOLID IN POSITION, SEALING ALL ROUND AT ABUTMENT WITH WHITE SILICONE AND MAKING ALL COUPLINGS AND CONNECTIONS TO PIPES				
			WC's, URINALS, BASINS ETC				
12.1.9			Vaal Sanitaryware vitreous china 2 No "Loerie" close coupled 900 outlet open rim washdown pan (code 771300) and matching 6 litre pushbutton top dual flush cistern (code 711739) complete with lid and fitments; supplied with quality thermoset seat. Colour White	No			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
12.1.10			Vaal Sanitaryware vitreous china "Protea Paraplegic" 900 outlet pan (code 750200) and matching 9 litre cistern (code 710631) complete with lid, fitments, and purpose made C.P. side-flush level left or back inlet exposed flush valve. Bottom inlet water supply must be on same side as flush lever.	No			Rate Only
12.1.11			Vaal Sanitaryware vitreous china 6 No 635x485mm rounded "Lotus" basin with one semi-punched taphole, intergrated overflow, and chainstay hole through the centre semipunched taphole. Colour White. To include: chrome fixations (Code: VAA-8448Z000), waste trap (Code: COB-303), overflow, (COB-309-32) and chrome bottle trap (Code: COB-345/50)	No	2		
12.1.11			415 x 275 x 315mm Vaal Sanitaryware white vitreous china wall mounted urinal including 38mm chromium plated domical grating, fixed on and including two hanger brackets. To include 115x50mm Junior flushmaster flushvalve (Code: COB-FJT6-000) and 215mm flush pipe (Code: COB-FJT5-5), and 70mm chrome waste trap (Code: COB-365/50)	No	4		
TAPS, SHOWERS, ETC							
Cobra							
12.1.12			Chrome-plated medical elbow action square - type pillar tap with 1/4 ceramic disc, blue indice and 1/2 BSP male inlet, and flanged backnut, ideal for medical, kitchen, and industrial installations.	No	7		
12.1.13			115mm Chrome plated metering pillar tap. Includes self-closing, non-hold open, flow controller with flow cycle of 1 - 20 seconds, 1/2" male inlet, backnut, washer, and streamline outlet for flow aesthetics. (Code: COB-KM2-100) SANS 1808-9. To include cobra angle stop valve with braid flexi hose (Code: COB-832/350F)	No	7		
12.1.14			Cobra Star bib tap chrome plated. Includes hot & cold indicates, 1/2" BSP male inlet, extended bib tap, sliding wall flange and flow straightener for flow aesthetics. SANS 226	No	2		
12.1.15			Allow a budgetary allowance of R10 000 (Ten Thousand Rands) for sanitary plumbing fittings, connecting to the existing sewer system, and performing thorough cleaning in preparation for handover)	No	1		
12.1.16			Issuing of COC for Pluming System by Registered Plumber(s)	Item	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13			BILL NO. 13				
			GLAZING				
13.1			SUPPLEMENTARY PREAMBLES				
			For preambles see "Model Preambles for Trades (2008)" as well as the documents mentioned in R of the Model Preambles for Trades which shall take precedence where there are discrepancies.				
			Note: Glazing of laminated safety glass into steel frames: all edges to be sealed with 15mm sellotape to prevent water absorption via the vinyl interlayer. Glass to be set on 25mm neoprene rubber setting blocks of 60 - 90 degree shore hardness				
			WINDOW GLAZING				
13.1.2			Obscure Glazing	m ²			
			TOPS, SHELVES, DOORS, MIRRORS, ETC				
			6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete				
13.1.2			Mirror 450 x 600mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	1		
13.1.3			Mirror 1500 x 1200mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	1		
13.1.4			Mirror 3500 x 1200mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	1		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
14			BILL NO. 14				
			PAINTWORK				
14.1			SUPPLEMENTARY PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			Ironmongery				
			Arrange a meeting with the paint specifier and the architect well in advance of the start of any painting works, discuss all aspects of the works. All paintwork to be in strict accordance to paint supplier's specifications. Paint specifier to inspect all works and substrates prior to and after painting in order to ensure valid guarantees to be issued.				
			Guarantee				
			5 year product guarantee.				
			ON FLOATED PLASTER				
			Clean and prepare surface, prime with one coat professional plaster primer with an over coating time of 16 hours and finish with three coats professional all-purpose matt eggshell enamel interior wall coating				
14.1.1			On internal plastered walls	m ²	280		
			Clean and prepare surface, prime with one coat professional plaster primer with an over coating time of 16 hours and finish with three coats professional all-purpose matt eggshell enamel exterior wall coating				
14.1.2			On external plastered walls	m ²	61		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
 REFURBISHMENT OF NAMAKGALE STADIUM
 CONTRACT No. 07/20/21
 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: CHANGE ROOMS

	DESCRIPTION	AMOUNT
	SECTION SUMMARY FOR BUILDING WORKS	
1	EARTHWORKS (PROVISIONAL)	
2	CONCRETE, FORMWORK AND REINFORCEMENT	
3	MASONRY	
4	WATERPROOFING	
5	ROOF COVERING	
6	CARPENTRY AND JOINERY	
7	CEILINGS, PARTITION AND ACCESS FLOORING	
8	IRON MONGERY (PROVISIONAL)	
9	METALWORK	
10	PLASTERING	
11	TILING	
12	PLUMBING AND DRAINAGE (PROVISIONAL)	
13	GLAZING	
14	PAINTWORK	
TOTAL BUILDING WORKS CARRIED TO FINAL SUMMARY		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS:SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1			BILL NO 1				
1.1			EARTHWORKS (Provisional)				
1.1.1			PREAMBLES For preambles see, " Model Preambles for Trades (2008)" as well as the provisions of SANS1200D shall apply. SANS1200D shall take precedence where there are discrepancies				
1.1.2			SUPPLEMENTARY PREAMBLES a) Nature of ground Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth", and where conditions of a more difficult characters are indicated, these are separately measured. b) Carting away of excavated material Descriptions of carting away of excavated material shall be deemed to include loading excavated material into trucks directly from excavations or, alternatively, from stock piles situated on the building site. Removal and cart away of all rubble shall be to the Employers' approved dumping site c) Filling Notwithstanding the reference to prescribed 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 any necessary multiple handling of material.				
1.2			SITE CLEARANCE, ETC				
1.2.1		LI	Site clearance Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 20mm girth where necessary.	m ²			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.2.2			EXCAVATIONS, FILLING, ETC.	m ³			Rate Only
			Excavations				
			Excavate in earth not exceeding 2m deep				
			Trenches				
1.2.3			Extra over trench and hole excavations in soft material for excavation in	m ³			Rate Only
			Soft rock				
1.2.4			Hard rock	m ³			Rate Only
			Extra over excavation for carting away				
1.2.5			Surplus material from excavation to a dumping site to be located by the contractor	m ³			Rate Only
			Risk of collapse of excavations				
1.2.6			Risk of collapse to sides of excavation for trenches and holes from natural, elevated or reduced ground level not exceeding 1,5m deep	m ²			Rate Only
			Keeping excavations free of water				
1.2.7			Allow for keeping excavations free of water other than subterranean water	Item			Rate Only
			FILLING, ETC.				
1.2.8			Earth filling with selected material obtained from the excavation and/or stork piles on site compacted to 95% Mod AASHTO	m ³			Rate Only
			Backfilling to trenches, holes, etc				
1.2.9			Earth filling G7 material supplied by the contractor compacted to 95% Mod AASHTO density	m ³			Rate Only
			Under floors, etc				
			Earth filling with selected material obtained from the excavation and/or stock piles on site compacted to 89% Mod AASHTO				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.2.10			Under floors etc including light compaction	m3			Rate Only
			Compaction of surfaces				
1.2.11			Compaction of ground surfaces under floors, etc including scarifying for a depth of 300mm breaking down oversize material,adding suitable material where necessary and compacting in 150mm layers to 95% Mod AASHTO density	m2			Rate Only
			Prescribed density tests on filling				
1.2.12			Modified AASHTO Density test	No.			Rate Only
			SOIL POISONING				
			Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years				
1.2.13			Under floors etc including forming and poisoning shallow furrows against foundation walls etc,filling in fullows and raming	m ²			Rate Only
1.2.14			To bottom and sides of trenches etc	m ²			Rate Only
1.2.15			To bottom of concrete aprons	m ²			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2			BILL NO 2				
2,1			CONCRETE, FORMWORK AND REINFORCEMENT (Provisional)				
2.1.2			PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Accuracy Accuracy of concrete works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.3 and 5.4 of SANS 10155. Formwork Formworks to soffits of solids etc shall be deemed to be slabs not exceeding 300mm thick 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 taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks" H.D. Bolts and Miscellaneous Metal Work All H.D bolts, washers and nuts to be supplied by the contractor. Rates to include for sandblasting and galvanising all bolts and metal work to applicable specification				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
2.1.3			CONCRETE UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 15MPa/19mm concrete Surface blinding under blinding footings and bases	m ³			Rate Only
2.1.4			REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 25MPa/19mm concrete Surface beds cast in panels	m ²			Rate Only
2.1.5			Strip footings	m ³			Rate Only
2.1.6			Aprons slabs 75mm thick to falls in 2000 mm long blocks with movement joints including excavation and compaction of in situ material to 95% Mod AASHTO including formwork to edges	m ³	4.3		
2.1.7			Test blocks Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No.			Rate Only
2.1.8			CONCRETE SUNDRIES Finish top surfaces of concrete smooth with a wood float to: Surface beds cast in panels	m ²			Rate Only
2.1.9			FORMWORK Rough formwork to sides: Edges, risers, ends and reveals not exceeding 300mm high	m ²			Rate Only
2.1.10			MOVEMENT JOINTS,ETC 10mm Thick isolation between concrete surface beds and wall Not exceeding 300mm high to edges of surface beds	m			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
2.1.11			Saw cut joints Machine cut open joint 3mm wide × 40mm deep in top of concrete surface bed including short length, etc REINFORCEMENT NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No 114 for contract price adjustment purposes Mild steel bar reinforcement to structural concrete work	m			Rate Only
2.1.12			10mm Diameter bars High tensile steel reinforcement to structural concrete work	ton			Rate Only
2.1.13			12mm Diameter bars Fabric reinforcement	ton			Rate Only
2.1.14			Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3			BILL NO.3 MASONRY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES BRICKWORK Sizes in Descriptions Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick. Hollow Walls Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole. Face Brick Bricks shall be ordered timeously to obtain uniformity in size and colour. Pointing Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc Accuracy Accuracy of masonry works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.5 of SANS 10155.				
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			BRICKWORK IN FOUNDATIONS (PROVISIONAL)				
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:				
3.1.1			One brick walls	m ²			Rate Only
3.1.2			460mm brick walls	m ²			Rate Only
			BRICK WORK IN SUPERSTRUCTURE				
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:				
3.1.3			Half brick walls	m ²			Rate Only
3.1.4			One brick walls.	m ²			Rate Only
			BRICKWORK SUNDRIES				
			Bagging of 1:3 cement and sand mixture				
3.1.6			Bag outer face or inner skin of brick wall to receive bitumen paint (elsewhere measured)	m ²			Rate Only
			Joint forming material in movement				
3.1.7			10mm thick brick impregnated softboard expansion joint filling, built in vertically as the proceeds, including all cutting and waste	m ²			Rate Only
			Brickwork reinforcement				
3.1.8			75mm wide reinforcement built in horizontally	m			Rate Only
3.1.9			150mm wide reinforcement built in horizontally	m			Rate Only
3.1.10			220mm wide reinforcement built in horizontally	m			Rate Only
			Turning pieces to lintels, etc.:				
3.1.11			230mm wide turning pieces.	m			Rate Only
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
3.1.12			Prestressed fabricated concrete lintels including necessary temporary supports 110 x 75mm Lintels in lengths not exceeding 3m	m			Rate Only
3.1.13			Facebrick FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints Extra over brickwork for face brickwork	m ²			Rate Only
3.1.14			Brick-on-edge lintels, header course copings, sills, etc. of FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints Extra over brickwork for face brick-on-edge cills	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4			BILL NO. 4 WATERPROOFING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Guarantee Provide an insurance backed guarantee from the manufacturer for the waterproofed area including flashings, skirtings, outlets, expansion joints, etc for a minimum period of 10 years. If any finish installed over the waterproofing is to be removed due to leaks it shall be replaced by the guarantor at no charge. Waterproofing Arrange a meeting with the waterproofing contractor, waterproofing manufacturer and the architect well in advance of the start of any waterproofing works, discuss all aspects of the waterproofing. After this meeting obtain from the manufacturer a written waterproofing specification and all applicable waterproofing details, submit to the architects for acceptance During the course of the works the manufacturer of the waterproofing material must inspect regularly, and upon completion of the installation must certify in writing that the application has been done in accordance with the manufacturers instructions Prior to installation of the waterproofing protection layer a 48hr flood test must be performed; provide test report on completion. 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-down DAMPPOOFING OF WALLS AND FLOORS One layer of 375 micron black embossed polyolefin damp proof coarse complying with SANS952 type B.				
4.1							
4.1.1							
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
4.1.2			Laid horizontally in unjointed lengths and with full corner laps over full width of wall 150mm above external finished ground level, under copings, stepped over lintels, under window sills and tucked in under window profiles One layer 250-micron smooth green polyolefin membrane complying with SANS952 type C.	m ²			Rate Only
4.1.3			Laid under surface beds in the largest practical sizes with 200mm laps, seal laps in accordance to manufacturers specification, fold membrane up against external walls Two coats "Brixel" bitumen emulsion waterproof coating On bag washed brick walls	m ²			Rate Only
4.1.4			JOINT SEALANTS, ETC. Jaycothane' 673 polyurethane sealant compound including 15mm compressible filler with tear off slip, etc In 10 x 10mm Isolation joints	m			Rate Only
4.1.5			Two-part "Jaycothane" 673 sealant including 10mm closed cell polyethylene backing cord "sondor cordex", bond breaker, Jaycothane' primer, etc 3 x 10mm In saw cut joints in floors	m			Rate Only
4.1.6			Silicone sealant Clear silicone to SANS1305 type B with fungicide to junctions between walls and sanitary fittings	m			Rate Only
4.1.7			Polyurathane sealant Sealant around door frames and windows to match colour of window frames	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5			BILL NO.5 ROOF COVERINGS PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Fixing of roof sheeting The sheets shall be fixed to every purlin by means of patented fixing method which will securely hold the sheets in position and lock-in both the side lap and center ribs. The clips shall be manufactured from Galvanized steel and shall be fixed to the steel purlins with two cadmium plated 16mm long self-drilling/tapping screws, or with NA2 annular nails to timber purlin 0,8mm Thick flashings Flashings shall be approved and fixed to the sheeting with clips to obviate any direct fixing perforation. Prior to flashings being fixed, all troughs at the apex shall be stop ended to the full. depth of the sheet in order to prevent any penetration of wind driven water. The trough shall be lipped at the eaves end to form a drip Flashing flanges shall be notched to the sheet profile where necessary. All these operations must be performed with special tools. Care shall be taken to ensure that no sheeting or flashing will be cut with abrasive disc on roof surface in order to prevent steel spatter from penetrating colour coated areas Certificate for Roof Covering The contractor is to submit a certificate signed by the merchant, stating that the roof covering supplied, complies with the required thickness specified Loads & Deflections Accommodate all wind loading and pressures safely during installation and after completion, without detriment to the performance of the works. Accommodate all tolerances and movements of the building structure without damage or reduction in the performance of the works				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
5.1.1			<p>Accommodate known impact loads, or transferred impact loads that occur during service life, as well as loads imposed during maintenance</p> <p>Take special care and precautions at all times to prevent scratching and or other damage to the finished surfaces. Scratched and / or damaged sheets will not be accepted.</p> <p>At all times roof boards shall be used as walking areas on the roof to avoid damage to the sheets</p> <p>All exposed fixings for roofing, fittings, accessories, atc, shall be with top speed stainless steel fixing screws or fasteners with stainless steel bonded washers unless otherwise stated</p> <p>Guarantee</p> <p>Provide 5 year material and workmanship guarantee.</p> <p>Provide 10 year paint finish guarantee.</p> <p>ROOF COVERINGS, WALL CLADDING AND ACCESSORIES</p> <p>0,5mm thick brown built kliplock profile roof sheeting @ 5-degree pitch, complete with all necessary flashing and fittings as by manufacturers.</p> <p>Roof covering with pitch not exceeding 5 degrees as specified on architectural drawings and in accordance to manufacturers recommendation</p>	m ²			Rate Only
5.1.2			<p>ROOF INSULATION</p> <p>4mm Alu-bubble double bubble roof insulation laid all in accordance with the manufacturer's recommendations.</p> <p>Fixed to underside of roof sheeting in accordance with the manufacturer's recommendations.</p>	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6			BILL NO.6 CARPENTRY AND JOINERY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type b) SABS 1301 Particle board: interior type Descriptions The term "planted on" shall mean the nailing of timber to timber The term "screwed on" shall mean the countersunk screwing of timber to timber The term "screwed and pelleted on" shall mean the screwing of timber to timber with the heads of screws sunk and pelleted The term "screwed and pelleted on" shall mean the screwing of timber to timber with the heads of screws sunk and pelleted The term "plugged" shall mean the countersunk screwing of timber to brickwork or concrete including plastic plugs The term "plugged and pelleted" shall mean the screwing of timber to brickwork or concrete including plugs with heads of screws sunk and pelleted Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc Joinery Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes				
6.1							
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			<p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Fixing</p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p>Decorative laminate finish</p> <p>The sizes listed are Nominal sizes for solid SA pine members</p> <p>Quality Control - Doors</p> <p>Submit test certificate from door supplier / manufacturer that typical prototype type of door has been tested and meets the specified performance, exposure, and fire classification</p> <p>Shop Drawings - Joinery Fittings</p> <p>Provide shop drawings of each typical type of joinery fitting for acceptance prior to execution of the works, provide samples as called for by the architects for acceptance.</p> <p>Prefabricated Roof Trusses</p> <p>Prefabricated trusses shall be fabricated in a factory by a truss fabricator who has been awarded a Certificate of Competence by the Institute of Timber Construction and is approved by the Principal Agent.</p> <p>All trusses shall be designed by a registered Professional Engineer in accordance with SABS Code of Practice for Design of Timber Structures</p> <p>PREFABRICATED ROOF TRUSSES, ETC.</p> <p>Sawn softwood:</p>				
6.1.1			50 x 76mm Purlins	m			Rate Only
6.1.2			38 x 114mm Wall plate bedded level on and including cement mortar Plate nailed timber roof truss construction The following is applicable in respect of roof trusses	m			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
6.1.3			Mono pitched prefabricated roof trusses bearing on wall plate on both sides Mono pitched timber roof truss with 400mm overhang at the end, spanning 6 460mm	no			Rate Only
6.1.4			NUTEC, FIBRE CEMENT, ETC 12 x 225mm Fascias and barge boards, including galvanised steel H-Profile joiners	m			Rate Only
6.1.5			DOORS, ETC. 44mm Thick Semi-solid meranti doors Semi-solid manual inward opening timber single door with 15mm horizontal panels in projection, size 914 x 2032. D3	No	2		
6.1.6			Solid interior timber single door size 762 x 2032. D1	No	22		
6.1.7			Solid interior timber single door size 813 x 2032. D2	No	8		
6.1.8			FITTINGS, E.T.C Wrought meranti Timber panel bench to Architects detail, size 2 700 x 500 x 500mm high Timber panel bench to Architects detail, size 2 000 x 500 x 500mm high L-shaped Kitchen floor cupboard unit, overal size 4500 x 550 x 900mm high Granite Vanity top units comprising 600 x 30mm thick top, 300 x 20mm thick fascia and 100 x 20mm thick splashback skirting, complete with all necessary accessories, the whole plugged into brickwork as per architect's drawing	No	2		
6.1.9			1 520mm Long overall with cuttings for 2 No.wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
6.1.10			2 280mm Long overall with cuttings for 3 No.wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws 3 800mm Long overall with cuttings for 5 No.wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7			BILL NO.7 CEILINGS, PARTITIONS AND ACCESS FLOORING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Accuracy Accuracy of ceiling finish shall comply with Grade I as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.8 of SANS 10155 Descriptions Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete terms described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere GYPSUM FLUSH PLASTERED CEILINGS 7.1.1 9,5mm thick skimmed rhino gypsum ceiling boards fixed on metal screws up grid system suspended from trusses 7.1.2 Extra over ceiling for opening n.e. 100mm diameter downlighter (provisional) 7.1.3 Extra over ceiling for opening for lights (provisional) 7.1.4 Extra over for Trap door Pre-painted or similar shadowline perimeter trims fixed to timber battens. Pre-painted shadowline wall angles, plugged 7.1.5 15mm shadowline cornice CEILING INSULATION 7.1.6 50mm thick non-combustible light weight fibreglass Glasswool thermal ceiling insulation				
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8			BILL NO 8 IRONMONGERY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Ironmongery Arrange a meeting with the ironmongery specifier, discuss all aspects of the works. After this meeting obtain from the ironmongery specifier a written specification and all applicable, submit to the architects for acceptance advance of the start of any ironmongery works, discuss all all aspects of the works. After this meeting obtain from the ironmongery specifier a written specification and all applicable, submit to the architects for acceptance During the course of the works the ironmongery specifier must inspect regularly, and upon completion of the installation must certify in writing that the installation is in accordance with the manufacturers instructions. Master Key Provision All cylinders and lever mechanism locks shall be deemed to be under either a master key plan or suited or a combination of both and shall be agreed in writing with the architect and manufacturer / supplier prior to order placement. Key Handover Before Practical Completion, account for and adequately label all keys. Provide the architect with an itemised schedule and retain a duplicate schedule as a receipt. The master keys to be issued by the cylinder/key supplier direct to the architect Guarantee 5 year product guarantee. Finishes Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded Fixing Description of wall mounted and floor-standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories Description of proprietary items shall be deemed to include for fixing in position and all fixing accessories as specified by the manufacturer HINGES, BOLTS, ETC 8.1.1 Stainless steel Butt Hinge 8.1.2 Rebate Set 8.1.3 WC Indicator Bolts LOCKS 8.1.4 Mortice Lockset				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
8.1.5			HANDLES Stainless steel 30mm Pull Handle flange fixed	No	3		
8.1.6			DOOR CLOSERS Door closer	No	10		
8.1.7			Floor door stop	No	10		
8.1.8			Dust proof strike	No	10		
8.1.9			Hat and coat hook with buffer	No	35		
8.1.10			BATHROOM FITTINGS Grade 304 (18/10) stainless steel satin finish wall mounted lockable 3 toilet roll holder, suitable to be mounted onto toilet side wall.	No	25		
8.1.11			Industrial push / pump type lockable wall mounted soap dispenser with a grade 304 (18/10) stainless steel satin finish and 1L liquid soap capacity	No	16		
8.1.12			Grade 304 (18/10) stainless steel satin finish wall mounted fully automated vandal proof hot air hand dryer, with minimum 2500W power and 30 m/s air speed	No	4		
8.1.13			32mm stainless steel side grab rail	No	1		
8.1.14			32mm stainless steel rear grab rail	No	1		
8.1.15			LOCKERS, ETC Powder coated steel 1800mm x 300mm x 450 . double tier locker including hasp and staple for padlock facility to Architects details	No	2		
8.1.16			LETTERS, NAMEPLATES, ETC 152 x 152 x 2mm aluminium, anodised silver engraved sign with male/female/paraplegic pictogram	No	4		
8.1.17			152 x 152 x 2mm aluminium, anodised silver engraved sign with words/number	No	8		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9			BILL NO.9 METALWORK PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill STEEL WINDOWS, DOORS, ETC 1,2mm Double rebated frames suitable for one brick walls complete with crimped lugs for building in, 2 x 100mm galvanised and welded loose pin 29 hinges and adjustable chrome plated striking plate all to comply to SANS 11				
9.1.1			Frame for single door size, 813 x 2032mm. (D2)	No			Rate Only
9.1.2			Frame for single door size, 914 x 2032mm. (D3)	No			Rate Only
9.1.3			1,2mm Double rebated frames suitable for half brick walls complete with crimped lugs for building in, 2 x 100mm galvanised and welded loose pin hinges and adjustable chrome plated striking plate all to comply to SANS 1129. Frame for single door size, 762 x 1882mm. (D1)	No			Rate Only
9.1.4			STEEL WINDOWS Standard profile steel windows as per Window schedule attached Window W1 type NE1, size 533 x 654mm high including burglar bars	No			Rate Only
9.1.5			STEEL LOVRES Custom made steel louvres as per specialist W3, size 1 513 x 406mm	No			Rate Only
9.1.6			METAL GATES, ETC Standard NTY combi door and frame with galvanised mild steel gate and cylinder lock, size 914 x 2032m (D4)	No	3		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
10			BILL NO.10 PLASTERING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SCREEDS Wood floated screeds on concrete: 10.1.1 30mm Thick on floors and landings. m ² Rate Only GRANOLITHIC 10.1.2 Untinted granolithic, on concrete finished with two coats of wax polish 30mm Thick on floors and landings. m ² INTERNAL PLASTER Cement plaster steel trowelled on brickwork on: 10.1.3 Internal walls m ² Rate Only 10.1.4 Narrow widths m ² Rate Only EXTERNAL PLASTER Cement plaster on brickwork on: 10.1.5 External walls m ² Rate Only 10.1.6 Narrow widths m ² Rate Only CORNER PROTECTORS, DIVIDING STRIPS, ETC 10.1.7 25 x 3mm Flat section brass dividing strips between different floor finish cast into concrete m Rate Only 10.1.8 40 x 3mm Flat section weather bar cast into concrete m Rate Only				
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11			BILL NO.11				
11.1			TILLING				
			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			SUPPLEMENTARY PREAMBLES				
			Accuracy				
			Accuracy of tiling works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.8 of SANS 10155.				
11.1.1			Floor tiling	m ²	190		
11.1.2			300mm x 75 x 10mm thick ceramic tile skirting to match floor tile, installed with approved tile adhesive and dove grey tile grout, to cement plastered wall. Top of tile skirting to be neat and level and prepared for painting.	m	8		
			WALL TILING				
			Supply and install 330mm x 3300mm first grade glazed ceramic wall tile with tile wear rating 4, fixed to internal wall plaster backing with quality tile adhesive mixed with bonding liquid in lieu of water, with 3mm joints continuous in both directions, and grouted with dove grey tile grout.				
11.1.3			Wall tiling	m ²	162		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12			BILL NO. 12				
			PLUMBING AND DRAINAGE (Provisional)				
12.1			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			All plumbing and drainage to comply to SANS 10252-1 and 0252-2 and 10400 part P.				
			RAINWATER DISPOSAL				
			Galvanised steel gutters				
12.1.1			150mm wide Gutter including fixing brackets	m	33		
12.1.2			Extra over 150mm girth eaves box gutter for stopped end	No	4		
12.1.3			Extra over 150mm girth eaves gutter for angle	No	12		
12.1.4			Extra over 150mm girth eaves gutter for outlet for 75mm diameter pipe	No	12		
12.1.5			75mm Diameter rainwater pipe including holderbolts etc	m	38		
12.1.6			Extra over 75mm diameter rainwater pipe for bend	No	12		
12.1.7			Extra over 75mm rainwater pipe for shoe	No	12		
12,18			Extra over 75mm diameter rainwater pipe for eaves or plinth offset 600mm projection	No	12		
			SANITARY FITTINGS				
			SANITARY FITTINGS, INCLUDING FIXING AND BUILDING IN, BEDDING SOLID IN POSITION, SEALING ALL ROUND AT ABUTMENT WITH WHITE SILICONE AND MAKING ALL COUPLINGS AND CONNECTIONS TO PIPES				
			WC's, URINALS, BASINS ETC				
12.1.9			Vaal Sanitaryware vitreous china 2 No "Loerie" close coupled 900 outlet open rim washdown pan (code 771300) and matching 6 litre pushbutton top dual flush cistern (code 711739) complete with lid and fitments; supplied with quality thermoset seat. Colour White	No			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
12.1.10			Vaal Sanitaryware vitreous china "Protea Paraplegic" 900 outlet pan (code 750200) and matching 9 litre cistern (code 710631) complete with lid, fitments, and purpose made C.P. side-flush level left or back inlet exposed flush valve. Bottom inlet water supply must be on same side as flush lever.	No			Rate Only
12.1.11			Vaal Sanitaryware vitreous china 6 No 635x485mm rounded "Lotus" basin with one semi-punched taphole, intergrated overflow, and chainstay hole through the centre semipunched taphole. Colour White. To include: chrome fixations (Code: VAA-8448Z000), waste trap (Code: COB-303), overflow, (COB-309-32) and chrome bottle trap (Code: COB-345/50)	No			
12.1.11			415 x 275 x 315mm Vaal Sanitaryware white vitreous china wall mounted urinal including 38mm chromium plated domical grating, fixed on and including two hanger brackets. To include 115x50mm Junior flushmaster flushvalve (Code: COB-FJT6-000) and 215mm flush pipe (Code: COB-FJT5-5), and 70mm chrome waste trap (Code: COB-365/50)	No	12		
12.1.12			Shower tray complete including shower doors, etc	No	5		
TAPS, SHOWERS, ETC							
Cobra							
12.1.13			Chrome-plated medical elbow action square - type pillar tap with 1/4 ceramic disc, blue indice and 1/2 BSP male inlet, and flanged backnut, ideal for medical, kitchen, and industrial installations.	No	15		
12.1.14			115mm Chrome plated metering pillar tap. Includes self-closing, non-hold open, flow controller with flow cycle of 1 - 20 seconds, 1/2" male inlet, backnut, washer, and streamline outlet for flow aesthetics. (Code: COB-KM2-100) SANS 1808-9. To include cobra angle stop valve with braid flexi hose (Code: COB-832/350F)	No	15		
12.1.15			Chrome plated Stella underwall stop tap and including 1/2 BSp female inlets, sliding wall flange, and extra indice with temperature indicator (Code: COB - 3328ST-15) SANS 226 Type 2, DZR brass	No	5		
12.1.15			Cobra Star bib tap chrome plated. Includes hot & cold indicates, 1/2" BSP male inlet, extended bib tap, sliding wall flange and flow straightener for flow aesthetics. SANS 226	No	5		
BALANCE CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
12.1.16			Provide a provisional sum for sanitary plumbing and fittings. This sum covers the complete removal of existing plumbing pipes and fittings, the cleaning of existing sanitary fixtures, and the installation of the removed pipes to run via the service trench as per the provided drawings The prov sum covers (cleaning the existing plumbing works, connecting to the existing sewer system, and performing thorough cleaning in preparation for handover)	No	1		
12.1.17			Issuing of COC for Plumbing System by Registered Plumber(s)	Item	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13			BILL NO. 13				
13,1			GLAZING				
			SUPPLEMENTARY PREAMBLES				
			For preambles see "Model Preambles for Trades (2008)" as well as the documents mentioned in R of the Model Preambles for Trades which shall take precedence where there are discrepancies.				
			Note: Glazing of laminated safety glass into steel frames: all edges to be sealed with 15mm sellotape to prevent water absorption via the vinyl interlayer. Glass to be set on 25mm neoprene rubber setting blocks of 60 - 90 degree shore hardness				
			WINDOW GLAZING				
13.1.2			Obscure Glazing	m ²			
			TOPS, SHELVES, DOORS, MIRRORS, ETC				
			6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete				
13.1.2			Mirror 450 x 600mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	1		
13.1.3			Mirror 1500 x 1200mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	3		
13.1.4			Mirror 3500 x 1200mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
14			BILL NO. 14 PAINTWORK SUPPLEMENTARY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill Ironmongery Arrange a meeting with the paint specifier and the architect well in advance of the start of any painting works, discuss all aspects of the works. All paintwork to be in strict accordance to paint supplier's specifications. Paint specifier to inspect all works and substrates prior to and after painting in order to ensure valid guarantees to be issued. Guarantee 5 year product guarantee. ON FLOATED PLASTER Clean and prepare surface, prime with one coat professional plaster primer with an over coating time of 16 hours and finish with three coats professional all-purpose matt eggshell enamel interior wall coating 14.1.1 On internal plastered walls Clean and prepare surface, prime with one coat professional plaster primer with an over coating time of 16 hours and finish with three coats professional all-purpose matt eggshell enamel exterior wall coating 14.1.2 On external plastered walls ON FIBRE-CEMENT Prepare and brush to remove all loose contaminations, apply one coat primer and two coats PVA emulsion paint 14.1.3 On fascias and barge boards				
				m ²	842		
				m ²	243		
				m ²	37		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			Clean, prepare surface and apply one coat alkali water resistant paint resistant primer and two coats ON WOOD Prepare surface, treat all knots and resinous areas, apply 3 coats wooden varnish				
14.1.3			On timber doors and frames	m ²	51		
14.1.4			On ceilings	m ²	190		
			ON METAL Clean, prepare the surface and apply three coats gloss enamel paint				
14.1.5			Doors and frames	m ²	56		
14.1.6			Windows with burglar bars	m ²	26		
14.1.7			On gates (Measured over the full flat area of both sides)	m ²	12		
14.1.8			On gutters and down pipes	m	70		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
 REFURBISHMENT OF NAMAKGALE STADIUM
 CONTRACT No. 07/20/21
 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GRAND STAND ABLUTIONS

	DESCRIPTION	AMOUNT
	SECTION SUMMARY FOR BUILDING WORKS	
1	EARTHWORKS (PROVISIONAL)	
2	CONCRETE, FORMWORK AND REINFORCEMENT	
3	MASONRY	
4	WATERPROOFING	
5	ROOF COVERING	
6	CARPENTRY AND JOINERY	
7	CEILINGS, PARTITION AND ACCESS FLOORING	
8	IRON MONGERY (PROVISIONAL)	
9	METALWORK	
10	PLASTERING	
11	TILING	
12	PLUMBING AND DRAINAGE (PROVISIONAL)	
13	GLAZING	
14	PAINTWORK	
TOTAL BUILDING WORKS CARRIED TO FINAL SUMMARY		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS:SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1			BILL NO 1				
1.1			EARTHWORKS (Provisional)				
1.1.1			PREAMBLES For preambles see, " Model Preambles for Trades (2008)" as well as the provisions of SANS1200D shall apply. SANS1200D shall take precedence where there are discrepancies				
1.1.2			SUPPLEMENTARY PREAMBLES a) Nature of ground Descriptions of excavations shall be deemed to include all ground conditions classifiable as earth and where conditions of a more difficult characters are indicated, these are separately measured. b) Carting away of excavated material Descriptions of carting away of excavated material shall be deemed to include loading excavated material into trucks directly from excavations or, alternatively, from stock piles situated on the building site. Removal and cart away of all rubble shall be to the Employers' approved dumping site c) Filling Notwithstanding the reference to prescribed 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 any necessary multiple handling of material.				
1.2			SITE CLEARANCE, ETC				
1.2.1		LI	Site clearance Digging up and removing rubbish, debris, vegetation, hedges, shrubs & trees not exceeding 20mm girth where necessary.	m ²			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			EXCAVATIONS, FILLING, ETC.				
			Excavations				
			Excavate in earth not exceeding 2m deep				
1.2.2			Trenches	m ³			Rate Only
			Extra over trench and hole excavations in soft material for excavation in				
1.2.3			Soft rock	m ³			Rate Only
1.2.4			Hard rock	m ³			Rate Only
			Extra over excavation for carting away				
1.2.5			Surplus material from excavation to a dumping site to be located by the contractor	m ³			Rate Only
			Risk of collapse of excavations				
1.2.6			Risk of collapse to sides of excavation for trenches and holes from natural, elevated or reduced ground level not exceeding 1,5m deep	m ²			Rate Only
			Keeping excavations free of water				
1.2.7			Allow for keeping excavations free of water other than subterranean water	Item			Rate Only
			FILLING, ETC.				
			Earth filling with selected material obtained from the excavation and/or stork piles on site compacted to 95% Mod AASHTO				
1.2.8			Backfilling to trenches, holes, etc	m ³			Rate Only
			Earth filling G7 material supplied by the contractor compacted to 95% Mod AASHTO density				
1.2.9			Under floors, etc	m ³			Rate Only
			Earth filling with selected material obtained from the excavation and/or stock piles on site compacted to 89% Mod AASHTO				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
1.2.10			Under floors etc including light compaction	m3			Rate Only
			Compaction of surfaces				
1.2.11			Compaction of ground surfaces under floors, etc including scarifying for a depth of 300mm breaking down oversize material,adding suitable material where necessary and compacting in 150mm layers to 95% Mod AASHTO density	m2			Rate Only
			Prescribed density tests on filling				
1.2.12			Modified AASHTO Density test	No.			Rate Only
			SOIL POISONING				
			Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years				
1.2.13			Under floors etc including forming and poisoning shallow furrows against foundation walls etc,filling in fullows and raming	m ²			Rate Only
1.2.14			To bottom and sides of trenches etc	m ²			Rate Only
1.2.15			To bottom of concrete aprons	m ²			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2			BILL NO 2				
2,1			CONCRETE, FORMWORK AND REINFORCEMENT (Provisional)				
2.1.2			PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Accuracy Accuracy of concrete works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.3 and 5.4 of SANS 10155. Formwork Formworks to soffits of solids etc shall be deemed to be slabs not exceeding 300mm thick 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 taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks" H.D. Bolts and Miscellaneous Metal Work All H.D bolts, washers and nuts to be supplied by the contractor. Rates to include for sandblasting and galvanising all bolts and metal work to applicable specification CONCRETE UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 15MPa/19mm concrete				
2.1.3			Surface blinding under blinding footings and bases	m ³			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 25MPa/19mm concrete				
2.1.4			Surface beds cast in panels	m ²			Rate Only
2.1.5			Strip footings	m ³			Rate Only
2.1.6			Aprons slabs 75mm thick to falls in 2000 mm long blocks with movement joints including excavation and compaction of in situ material to 95% Mod AASHTO including formwork to edges	m ³	1,8		
			Test blocks				
2.1.7			Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No.			Rate Only
			CONCRETE SUNDRIES				
			Finish top surfaces of concrete smooth with a wood float to:				
2.1.8			Surface beds cast in panels	m ²			Rate Only
			FORMWORK				
			Rough formwork to sides:				
2.1.9			Edges, risers, ends and reveals not exceeding 300mm high	m ²			Rate Only
			MOVEMENT JOINTS,ETC				
			10mm Thick isolation between concrete surface beds and wall				
2.1.10			Not exceeding 300mm high to edges of surface beds	m			Rate Only
			Saw cut joints				
2.1.11			Machine cut open joint 3mm wide x 40mm deep in top of concrete surface bed including short length, etc	m			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			REINFORCEMENT NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No 114 for contract price adjustment purposes Mild steel bar reinforcement to structural concrete work 2.1.12 10mm Diameter bars	ton			Rate Only
			High tensile steel reinforcement to structural concrete work 2.1.13 12mm Diameter bars	ton			Rate Only
			Fabric reinforcement 2.1.14 Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3			BILL NO.3 MASONRY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES BRICKWORK Sizes in Descriptions Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick. Hollow Walls Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole. Face Brick Bricks shall be ordered timeously to obtain uniformity in size and colour. Pointing Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc Accuracy Accuracy of masonry works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.5 of SANS 10155.				
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			BRICKWORK IN FOUNDATIONS (PROVISIONAL)				
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:				
3.1.1			One brick walls	m ²			Rate Only
3.1.2			460mm brick walls	m ²			Rate Only
			BRICK WORK IN SUPERSTRUCTURE				
			Brickwork of NFX clay bricks complying with SANS227 (14 Mpa nominal compressive strength) in Class II (1:3) mortar in:				
3.1.3			Half brick walls	m ²			Rate Only
3.1.4			One brick walls.	m ²			Rate Only
			BRICKWORK SUNDRIES				
			Bagging of 1:3 cement and sand mixture				
3.1.6			Bag outer face or inner skin of brick wall to receive bitumen paint (elsewhere measured)	m ²			Rate Only
			Joint forming material in movement				
3.1.7			10mm thick brick impregnated softboard expansion joint filling, built in vertically as the proceeds, including all cutting and waste	m ²			Rate Only
			Brickwork reinforcement				
3.1.8			75mm wide reinforcement built in horizontally	m			Rate Only
3.1.9			150mm wide reinforcement built in horizontally	m			Rate Only
3.1.10			220mm wide reinforcement built in horizontally	m			Rate Only
			Turning pieces to lintels, etc.:				
3.1.11			230mm wide turning pieces.	m			Rate Only
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
3.1.12			Prestressed fabricated concrete lintels including necessary temporary supports 110 x 75mm Lintels in lengths not exceeding 3m	m			Rate Only
3.1.13			Facebrick FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints Extra over brickwork for face brickwork	m ²			Rate Only
3.1.14			Brick-on-edge lintels, header course copings, sills, etc. of FBS clay face bricks complying with SANS227 (14 Mpa nominal compressive strength) in class II (1:3) mortar with recessed horizontal and vertical joints Extra over brickwork for face brick-on-edge cills	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4			BILL NO. 4 WATERPROOFING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Guarantee Provide an insurance backed guarantee from the manufacturer for the waterproofed area including flashings, skirtings, outlets, expansion joints, etc for a minimum period of 10 years. If any finish installed over the waterproofing is to be removed due to leaks it shall be replaced by the guarantor at no charge. Waterproofing Arrange a meeting with the waterproofing contractor, waterproofing manufacturer and the architect well in advance of the start of any waterproofing works, discuss all aspects of the waterproofing. After this meeting obtain from the manufacturer a written waterproofing specification and all applicable waterproofing details, submit to the architects for acceptance During the course of the works the manufacturer of the waterproofing material must inspect regularly, and upon completion of the installation must certify in writing that the application has been done in accordance with the manufacturers instructions Prior to installation of the waterproofing protection layer a 48hr flood test must be performed; provide test report on completion. 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-down DAMPROOFING OF WALLS AND FLOORS One layer of 375 micron black embossed polyolefin damp proof coarse complying with SANS952 type B.				
4.1							
4.1.1							
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
4.1.2			Laid horizontally in unjointed lengths and with full corner laps over full width of wall 150mm above external finished ground level, under copings, stepped over lintels, under window sills and tucked in under window profiles One layer 250-micron smooth green polyolefin membrane complying with SANS952 type C.	m ²			Rate Only
4.1.3			Laid under surface beds in the largest practical sizes with 200mm laps, seal laps in accordance to manufacturers specification, fold membrane up against external walls Two coats "Brixal" bitumen emulsion waterproof coating On bag washed brick walls	m ²			Rate Only
4.1.4			JOINT SEALANTS, ETC. Jaycothane' 673 polyurethane sealant compound including 15mm compressible filler with tear off slip, etc In 10 x 10mm Isolation joints	m			Rate Only
4.1.5			Two-part "Jaycothane" 673 sealant including 10mm closed cell polyethylene backing cord "sondor cordex", bond breaker, Jaycothane' primer, etc 3 x 10mm In saw cut joints in floors	m			Rate Only
4.1.6			Silicone sealant Clear silicone to SANS1305 type B with fungicide to junctions between walls and sanitary fittings	m			Rate Only
4.1.7			Polyurathane sealant Sealant around door frames and windows to match colour of window frames	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5			BILL NO.5 ROOF COVERINGS PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Fixing of roof sheeting The sheets shall be fixed to every purlin by means of patented fixing method which will securely hold the sheets in position and lock-in both the side lap and center ribs. The clips shall be manufactured from Galvanized steel and shall be fixed to the steel purlins with two cadmium plated 16mm long self-drilling/tapping screws, or with NA2 annular nails to timber purlin 0,8mm Thick flashings Flashings shall be approved and fixed to the sheeting with clips to obviate any direct fixing perforation. Prior to flashings being fixed, all troughs at the apex shall be stop ended to the full. depth of the sheet in order to prevent any penetration of wind driven water. The trough shall be lipped at the eaves end to form a drip Flashing flanges shall be notched to the sheet profile where necessary. All these operations must be performed with special tools. Care shall be taken to ensure that no sheeting or flashing will be cut with abrasive disc on roof surface in order to prevent steel spatter from penetrating colour coated areas Certificate for Roof Covering The contractor is to submit a certificate signed by the merchant, stating that the roof covering supplied, complies with the required thickness specified Loads & Deflections Accommodate all wind loading and pressures safely during installation and after completion, without detriment to the performance of the works. Accommodate all tolerances and movements of the building structure without damage or reduction in the performance of the works				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
5.1.1			<p>Accommodate known impact loads, or transferred impact loads that occur during service life, as well as loads imposed during maintenance</p> <p>Take special care and precautions at all times to prevent scratching and or other damage to the finished surfaces. Scratched and / or damaged sheets will not be accepted.</p> <p>At all times roof boards shall be used as walking areas on the roof to avoid damage to the sheets</p> <p>All exposed fixings for roofing, fittings, accessories, atc, shall be with top speed stainless steel fixing screws or fasteners with stainless steel bonded washers unless otherwise stated</p> <p>Guarantee</p> <p>Provide 5 year material and workmanship guarantee.</p> <p>Provide 10 year paint finish guarantee.</p> <p>ROOF COVERINGS, WALL CLADDING AND ACCESSORIES</p> <p>0,5mm thick brown built kliplock profile roof sheeting @ 5-degree pitch, complete with all necessary flashing and fittings as by manufacturers.</p> <p>Roof covering with pitch not exceeding 5 degrees as specified on architectural drawings and in accordance to manufacturers recommendation</p>	m ²			Rate Only
5.1.2			<p>ROOF INSULATION</p> <p>4mm Alu-bubble double bubble roof insulation laid all in accordance with the manufacturer's recommendations.</p> <p>Fixed to underside of roof sheeting in accordance with the manufacturer's recommendations.</p>	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6			BILL NO.6 CARPENTRY AND JOINERY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type b) SABS 1301 Particle board: interior type Descriptions The term "planted on" shall mean the nailing of timber to timber The term "screwed on" shall mean the countersunk screwing of timber to timber The term "screwed and pelleted on" shall mean the screwing of timber to timber with the heads of screws sunk and pelleted The term "screwed and pelleted on" shall mean the screwing of timber to timber with the heads of screws sunk and pelleted The term "plugged" shall mean the countersunk screwing of timber to brickwork or concrete including plastic plugs The term "plugged and pelleted" shall mean the screwing of timber to brickwork or concrete including plugs with heads of screws sunk and pelleted Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc Joinery Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			<p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Fixing</p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p>Decorative laminate finish</p> <p>The sizes listed are Nominal sizes for solid SA pine members</p> <p>Quality Control - Doors</p> <p>Submit test certificate from door supplier / manufacturer that typical prototype type of door has been tested and meets the specified performance, exposure, and fire classification</p> <p>Shop Drawings - Joinery Fittings</p> <p>Provide shop drawings of each typical type of joinery fitting for acceptance prior to execution of the works, provide samples as called for by the architects for acceptance.</p> <p>Prefabricated Roof Trusses</p> <p>Prefabricated trusses shall be fabricated in a factory by a truss fabricator who has been awarded a Certificate of Competence by the Institute of Timber Construction and is approved by the Principal Agent.</p> <p>All trusses shall be designed by a registered Professional Engineer in accordance with SABS Code of Practice for Design of Timber Structures</p> <p>PREFABRICATED ROOF TRUSSES, ETC.</p> <p>Sawn softwood:</p>				
6.1.1			50 x 76mm Purlins	m			Rate Only
6.1.2			38 x 114mm Wall plate bedded level on and including cement mortar Plate nailed timber roof truss construction The following is applicable in respect of roof trusses	m			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
6.1.3			Mono pitched prefabricated roof trusses bearing on wall plate on both sides Mono pitched timber roof truss with 400mm overhang at the end, spanning 6 460mm	no			Rate Only
6.1.4			NUTEC, FIBRE CEMENT, ETC 12 x 225mm Fascias and barge boards, including galvanised steel H-Profile joiners	m			Rate Only
6.1.5			DOORS, ETC. 44mm Thick Semi-solid meranti doors Semi-solid manual inward opening timber single door with 15mm horizontal panels in projection, size 914 x 2032. D3	No	2		
6.1.6			Solid interior timber single door size 813 x 2032. D2	No	5		
6.1.9			VANITY TOPS Granite Vanity top units comprising 600 x 30mm thick top, 300 x 20mm thick fascia and 100 x 20mm thick splashback skirting, complete with all necessary accessories, the whole plugged into brickwork as per architect's drawing	No	1		
6.1.10			780mm Long overall with cuttings for 1 No. wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	2		
6.1.11			1 520mm Long overall with cuttings for 2No. wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	2		
6.1.11			3 060mm Long overall with cuttings for 4No. wash hand basins elsewhere measured) including fixing in position to brackets with and including brass screws	No	2		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7			BILL NO.7				
7.1			CEILINGS, PARTITIONS AND ACCESS FLOORING				
			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			SUPPLEMENTARY PREAMBLES				
			Accuracy				
			Accuracy of ceiling finish shall comply with Grade I as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.8 of SANS 10155				
			Descriptions				
			Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete terms described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere				
			GYPSUM FLUSH PLASTERED CEILINGS				
7.1.1			9,5mm thick skimmed rhino gypsum ceiling boards fixed on metal screws up grid system suspended from trusses	m ²			Rate Only
7.1.2			Extra over ceiling for opening n.e. 100mm diameter downlighter (provisional)	No.			Rate Only
7.1.3			Extra over ceiling for opening for lights (provisional)	No.			Rate Only
7.1.4			Extra over for Trap door	No.			Rate Only
			Pre-painted or similar shadowline perimeter trims fixed to timber battens. Pre-painted shadowline wall angles, plugged				
7.1.5			15mm shadowline cornice	m			Rate Only
			CEILING INSULATION				
7.1.6			50mm thick non-combustible light weight fibreglass Glasswool thermal ceiling insulation	m ²			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8			BILL NO 8 IRONMONGERY PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SUPPLEMENTARY PREAMBLES Ironmongery Arrange a meeting with the ironmongery specifier, discuss all aspects of the works. After this meeting obtain from the ironmongery specifier a written specification and all applicable, submit to the architects for acceptance advance of the start of any ironmongery works, discuss all all aspects of the works. After this meeting obtain from the ironmongery specifier a written specification and all applicable, submit to the architects for acceptance During the course of the works the ironmongery specifier must inspect regularly, and upon completion of the installation must certify in writing that the installation is in accordance with the manufacturers instructions. Master Key Provision All cylinders and lever mechanism locks shall be deemed to be under either a master key plan or suited or a combination of both and shall be agreed in writing with the architect and manufacturer / supplier prior to order placement. Key Handover Before Practical Completion, account for and adequately label all keys. Provide the architect with an itemised schedule and retain a duplicate schedule as a receipt. The master keys to be issued by the cylinder/key supplier direct to the architect Guarantee 5 year product guarantee. Finishes Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
			SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded Fixing Description of wall mounted and floor-standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories Description of proprietary items shall be deemed to include for fixing in position and all fixing accessories as specified by the manufacturer HINGES, BOLTS, ETC				
8.1.1			Stainless steel Butt Hinge	No.	9		
8.1.2			Rebate Set	No.	3		
8.1.3			WC Indicator Bolts	No.	1		
			LOCKS				
8.1.4			Mortice Lockset	Each	3		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
8.1.5			HANDLES Stainless steel 30mm Pull Handle flange fixed	No	2		
8.1.6			DOOR CLOSERS Door closer	No	3		
8.1.7			Floor door stop	No	2		
8.1.8			Dust proof strike	No	2		
8.1.9			Hat and coat hook with buffer	No	3		
8.1.10			BATHROOM FITTINGS Grade 304 (18/10) stainless steel satin finish wall mounted lockable 3 toilet roll holder, suitable to be mounted onto toilet side wall.	No	1		
8.1.11			Industrial push / pump type lockable wall mounted soap dispenser with a grade 304 (18/10) stainless steel satin finish and 1L liquid soap capacity	No	1		
8.1.12			Grade 304 (18/10) stainless steel satin finish wall mounted fully automated vandal proof hot air hand dryer, with minimum 2500W power and 30 m/s air speed	No	1		
8.1.13			32mm stainless steel side grab rail	No	1		
8.1.14			32mm stainless steel rear grab rail	No	1		
8.1.15			LOCKERS, ETC Powder coated steel 1800mm x 300mm x 450 . double tier locker including hasp and staple for padlock facility to Architects details	No	0		
8.1.16			LETTERS, NAMEPLATES, ETC 152 x 152 x 2mm aluminium, anodised silver engraved sign with male/female/paraplegic pictogram	No	1		
8.1.17			152 x 152 x 2mm aluminium, anodised silver engraved sign with words/number	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9			BILL NO.9				
9.1			METALWORK				
			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			STEEL WINDOWS, DOORS, ETC				
			1,2mm Double rebated frames suitable for one brick walls complete with crimped lugs for building in, 2 x 100mm galvanised and welded loose pin 29 hinges and adjustable chrome plated striking plate all to comply to SANS 11				
9.1.1			Frame for single door size, 813 x 2032mm. (D2)	No			Rate Only
9.1.2			Frame for single door size, 914 x 2032mm. (D3)	No			Rate Only
			1,2mm Double rebated frames suitable for half brick walls complete with crimped lugs for building in, 2 x 100mm galvanised and welded loose pin hinges and adjustable chrome plated striking plate all to comply to SANS 1129.				
9.1.3			Frame for single door size, 762 x 1882mm. (D1)	No			Rate Only
			STEEL WINDOWS				
			Standard profile steel windows as per Window schedule attached				
9.1.4			Window W1 type NE1, size 533 x 654mm high including burglar bars	No	1		
			STEEL LOVRES				
9.1.5			Custom made steel louvres as per specialist W3, size 1 513 x 406mm	No	4		
			METAL GATES, ETC				
9.1.6			Standard NTY combi door and frame with galvanised mild steel gate and cylinder lock, size 914 x 2032m	No	2		
9.1.7			Purpose made gate made out of standard 76 x 38mm rectangular steel tubing, size 1 205 x 2 060mm, D7	No	1		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
9.1.8			Purpose made gate made out of standard 76 x 38mm rectangular steel tubing, size 1 500 x 2 060mm, D8	No	1		
9.1.9			Purpose made gate made out of standard 76 x 38mm rectangular steel tubing, size 1 673 x 2 060mm, D9	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
10			BILL NO.10 PLASTERING PREAMBLES NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill SCREEDS Wood floated screeds on concrete: 10.1.1 30mm Thick on floors and landings.	m ²			Rate Only
10.1.2			GRANOLITHIC Untinted granolithic, on concrete finished with two coats of wax polish 30mm Thick on floors and landings.	m ²			
10.1.3			INTERNAL PLASTER Cement plaster steel trowelled on brickwork on: Internal walls	m ²			Rate Only
10.1.4			Narrow widths	m ²			Rate Only
10.1.5			EXTERNAL PLASTER Cement plaster on brickwork on: External walls	m ²			Rate Only
10.1.6			Narrow widths	m ²			Rate Only
10.1.7			CORNER PROTECTORS, DIVIDING STRIPS, ETC 25 x 3mm Flat section brass dividing strips between different floor finish cast into concrete	m			Rate Only
10.1.8			40 x 3mm Flat section weather bar cast into concrete	m			Rate Only
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11			BILL NO.11				
11.1			TILLING				
			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			SUPPLEMENTARY PREAMBLES				
			Accuracy				
			Accuracy of tiling works shall comply with Grade II as described in SANS 10155 Accuracy of Building Works, refer to paragraph 5.8 of SANS 10155.				
11.1.1			Floor tiling	m ²	15		
11.1.2			300mm x 75 x 10mm thick ceramic tile skirting to match floor tile, installed with approved tile adhesive and dove grey tile grout, to cement plastered wall. Top of tile skirting to be neat and level and prepared for painting.	m	12		
			WALL TILING				
			Supply and install 330mm x 3300mm first grade glazed ceramic wall tile with tile wear rating 4, fixed to internal wall plaster backing with quality tile adhesive mixed with bonding liquid in lieu of water, with 3mm joints continuous in both directions, and grouted with dove grey tile grout.				
11.1.3			Wall tiling	m ²	18		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12			BILL NO. 12				
			PLUMBING AND DRAINAGE (Provisional)				
12.1			PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			All plumbing and drainage to comply to SANS 10252-1 and 0252-2 and 10400 part P.				
			RAINWATER DISPOSAL				
			Galvanised steel gutters				
12.1.1			150mm wide Gutter including fixing brackets	m	40		
12.1.2			Extra over 150mm girth eaves box gutter for stopped end	No	6		
12.1.3			Extra over 150mm girth eaves gutter for angle	No	6		
12.1.4			Extra over 150mm girth eaves gutter for outlet for 75mm diameter pipe	No	6		
12.1.5			75mm Diameter rainwater pipe including holderbolts etc	m	42		
12.1.6			Extra over 75mm diameter rainwater pipe for bend	No	6		
12.1.7			Extra over 75mm rainwater pipe for shoe	No	6		
12.1.8			Extra over 75mm diameter rainwater pipe for eaves or plinth offset 600mm projection	No	6		
			SANITARY FITTINGS				
			SANITARY FITTINGS, INCLUDING FIXING AND BUILDING IN, BEDDING SOLID IN POSITION, SEALING ALL ROUND AT ABUTMENT WITH WHITE SILICONE AND MAKING ALL COUPLINGS AND CONNECTIONS TO PIPES				
			WC's, URINALS, BASINS ETC				
12.1.9			Vaal Sanitaryware vitreous china 2 No "Loerie" close coupled 900 outlet open rim washdown pan (code 771300) and matching 6 litre pushbutton top dual flush cistern (code 711739) complete with lid and fitments; supplied with quality thermostet seat. Colour White	No			Rate Only
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE BROUGHT FORWARD							
12.1.10			Vaal Sanitaryware vitreous china "Protea Paraplegic" 900 outlet pan (code 750200) and matching 9 litre cistern (code 710631) complete with lid, fitments, and purpose made C.P. side-flush level left or back inlet exposed flush valve. Bottom inlet water supply must be on same side as flush lever.	No			Rate Only
12.1.11			Vaal Sanitaryware vitreous china 6 No 635x485mm rounded "Lotus" basin with one semi-punched taphole, intergrated overflow, and chainstay hole through the centre semipunched taphole. Colour White. To include: chrome fixations (Code: VAA-8448Z000), waste trap (Code: COB-303), overflow, (COB-309-32) and chrome bottle trap (Code: COB-345/50)	No			
12.1.11			415 x 275 x 315mm Vaal Sanitaryware white vitreous china wall mounted urinal including 38mm chromium plated domical grating, fixed on and including two hanger brackets. To include 115x50mm Junior flushmaster flushvalve (Code: COB-FJT6-000) and 215mm flush pipe (Code: COB-FJT5-5), and 70mm chrome waste trap (Code: COB-365/50)	No			
TAPS, SHOWERS, ETC							
Cobra							
12.1.12			Chrome-plated medical elbow action square - type pillar tap with 1/4 ceramic disc, blue indice and 1/2 BSP male inlet, and flanged backnut, ideal for medical, kitchen, and industrial installations.	No	1		
12.1.13			115mm Chrome plated metering pillar tap. Includes self-closing, non-hold open, flow controller with flow cycle of 1 - 20 seconds, 1/2" male inlet, backnut, washer, and streamline outlet for flow aesthetics. (Code: COB-KM2-100) SANS 1808-9. To include cobra angle stop valve with braid flexi hose (Code: COB-832/350F)	No	1		
12.1.14			Cobra Star bib tap chrome plated. Includes hot & cold indicates, 1/2" BSP male inlet, extended bib tap, sliding wall flange and flow straightener for flow aesthetics. SANS 226	No	1		
12.1.15			Allow a budgetary allowance of R2 000 (Two Thousand Rands) for sanitary plumbing fittings, connecting to the existing sewer system, and performing thorough cleaning in preparation for handover)	No	1		
12.1.16			Issuing of COC for Pluming System by Registered Plumber(s)	Item	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13			BILL NO. 13				
13,1			GLAZING				
			SUPPLEMENTARY PREAMBLES				
			For preambles see"Model Preambles for Trades (2008)"as well as the documents mentioned in R of the Model Preambles for Trades which shall take precedence where there are discrepancies.				
			Note: Glazing of laminated safety glass into steel frames:all edges to be sealed with 15mm sellotape to prevent water absorption wia the vinyl interlayer. Glass to be set on 25mm neoprene rubber setting blocks of 60 - 90 degree sure hardness				
13.1.2			WINDOW GLAZING				
			Obscure Glazing	m ²			
			TOPS, SHELVES, DOORS, MIRRORS, ETC				
			6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete				
13.1.2			Mirror 450 x 600mm with polished edges, fixed to wall with chromium plated dome head screws to administration bathrooms	No	1		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
14			BILL NO. 14				
14.1			PAINTWORK				
			SUPPLEMENTARY PREAMBLES				
			NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
			Ironmongery				
			Arrange a meeting with the paint specifier and the architect well in advance of the start of any painting works, discuss all aspects of the works. All paintwork to be in strict accordance to paint supplier's specifications. Paint specifier to inspect all works and substrates prior to and after painting in order to ensure valid guarantees to be issued.				
			Guarantee				
			5 year product guarantee.				
			ON FLOATED PLASTER				
			Clean and prepare surface, prime with one coat professional plaster primer with an over coating time of 16 hours and finish with three coats professional all-purpose matt eggshell enamel interior wall coating				
14.1.1			On internal plastered walls	m ²	35		
			Clean and prepare surface, prime with one coat professional plaster primer with an over coating time of 16 hours and finish with three coats professional all-purpose matt eggshell enamel exterior wall coating				
14.1.2			On external plastered walls	m ²	57		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 BUILDINGS: SCHEDULE OF QUANTITIES SECTION 2: GATE 1		
	DESCRIPTION	AMOUNT
	SECTION SUMMARY FOR BUILDING WORKS	
1	EARTHWORKS (PROVISIONAL)	
2	CONCRETE, FORMWORK AND REINFORCEMENT	
3	MASONRY	
4	WATERPROOFING	
5	ROOF COVERING	
6	CARPENTRY AND JOINERY	
7	CEILINGS, PARTITION AND ACCESS FLOORING	
8	IRON MONGERY (PROVISIONAL)	
9	METALWORK	
10	PLASTERING	
11	TILING	
12	PLUMBING AND DRAINAGE (PROVISIONAL)	
13	GLAZING	
14	PAINTWORK	
TOTAL BUILDING WORKS CARRIED TO FINAL SUMMARY		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BILLS OF QUANTITIES

FOR

REFURBISHMENT OF NAMAKGALE STADIUM

C - ELECTRICAL AND MECHANICAL WORKS

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 18 :ELECTRICAL & MECHANICAL: PROVISIONAL SUMS

ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
18	PE1 & SAN 1042		PROVISIONAL SUMS				
18.1			BULK POWER CONNECTION				
18.1.1	PSA-6.20		Provide the provisional amount as indicated for 200kVA bulk power connection to be executed by a subcontractor	P. Sum			R 500 000,00
18.1.2			Percentage adjustment to item above to cover Contractor's expenses with regard to items	%		5%	
18.2	PE15		LIGHTNING & EARTHING PROTECTION				
18.2.1	PSA-6.21		Provide the provisional amount as indicated for Lightning & Earthing Protection to be executed by a sub-contractor	P. Sum			R 165 000,00
18.2.2			Percentage adjustment to item above to cover Contractor's expenses with regard to items	%		5%	
18.3	PSA-6.22		ACCESS CONTROL SYSTEM FOR SECURITY CONTROL GATES				
18.3.1			Provide the provisional amount as indicated for construction of Access Control	P. Sum			R 200 000,00
18.3.2			Percentage adjustment to item above to cover Contractor's expenses with regard to items	%		5%	
18.4			FIRE DETECTION & PROTECTION SYSTEM				
18.4.1			Provide the provisional amount as indicated for Fire Detection System to be executed by a Specialist Fire Services Sub-Contractor	P. Sum			R 500 000,00
18.4.2			Percentage adjustment to item above to cover Contractor's expenses with regard to items.	%		5%	
18.5	PE16.2		MASTS FOR FLOOD LIGHTS				
18.5.1			Provide provisional amount as indicated for Refurbishment of existing stadium masts structure to allow functionality including Electrical DB box & Splitter boxes & new wiring	P. Sum			R 210 000,00
18.5.2			Percentage adjustment to item above to cover Contractor's expenses with regard to items.	%		5%	
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY
REFURBISHMENT OF NAMAKGALE STADIUM
CONTRACT No. 07/20/21

SCHEDULE OF QUANTITIES SECTION 19: PERIMETER LIGHTNING AND PITCH LIGHTNING

ITEM NO	PAYMENT REF	LI	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
19	PW 354 & SAN 1042		PERIMETER LIGHTING & PITCH LIGHTING				
19.1			For the supply, delivery to Site and Installation of the following Perimeter Lights Units complete as per Specification:Galvanised Steel Stepped poles complete with Spigot, Glandplate & 5A breaker.				
19.1.1			Galvanised Steel Stepped poles 9,5m (Total Height) & 8.0 m mounting height complete with Spigot, Glandplate & 5A breaker	e.a	8		
19.1.2			LUXMO II 48 F/L 215W 4K 41815 RAW (Complete with all accessories) or Equivalent As Approved by the Engineer	e.a	8		
19.1.3			Galvanised steel stepped poles 10m mounting height complete with Spigot, Glandplate, 1 cubic meter Grade 30Mpa Steel reinforced Concrete Plinth &5A breaker	e.a	4		
19.1.4			KRATOS MK2-1 F/L 0435W 4K 41819 MS (complete with all accessories) or Equivalent As Approved by the Engineer	e.a	12		
19.1.5			Beka Zela 37W LED Type Post top Light Complete with the Pole or Equivalent As Approved by the Engineer	e.a	3		
19.1.6			KRATOS MK2-2 F/L 0885W 5K 41821 MS ENB Floodlight (Complete with all accessories) or Equivalent as Approved by the Engineer	e.a	16		
19.1.7			KRATOS MK2-2 F/L 0885W 5K 41821 MS ENB Floodlight (Complete with all accessories) or Equivalent as Approved by the Engineer	e.a	8		
19.2			WIRING ON THE POLE				
19.2.1			600/1000V grade PVC insulated stranded copper conductors compete with terminations and accessories				
19.2.2			2,5mm² PVC insulated stranded copper conductors	m	1 246		
19.2.3			1.5mm² Stranded bare copper earth wire	m	625		
19.3			TESTING AND COMMISSIONING				
19.3.1			Supply all Test equipment and Labour for Testing, Commisioning and Adjustment at Completion, as well las being in attendance for any Inspections and Tests that the Engineer may call for.	Sum			
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 20: ELECTRICAL SITE RETICULATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
20	PW 354 & SAN 1042		LOW VOLTAGE CABLE				
20.1			For the Supply, delivery to Site and installation of the following Low Voltage Cable:(600/1000V PVC PVC SWA Copper)				
20.1.1			6mm ² x 2 core	m	340		
20.1.2			10mm ² x 4 core	m	150		
20.1.3			16mm ² x 4 core	m	660		
20.1.4			25mm ² sq x 4 core	m	70		
20.1.5			35mm ² sq x 4 core	m	0		
20.1.6			50mm ² sq x 4 core	m	240		
20.1.7			70mm ² sq x 4 core	m	40		
20.2			BARE COPPER EARTH WIRE (STRANDED)				
			For the Supply and Installation of the following BCE Wire to run with LV Cables:				
20.2.1			50mm ² (With 95mm ² Cable)	m	0		
20.2.2			35mm ² (With 70mm ² Cable)	m	40		
20.2.3			25mm ² (With 50mm ² Cable)	m	240		
20.2.4			16mm ² (With 35mm ² Cable)	m	70		
20.2.5			10mm ² (With 10 - 25mm ² Cable)	m	810		
20.2.6			6mm ² (With 6mm ² Cable)	m	340		
20.3			LOW VOLTAGE CABLE TERMINATIONS				
			For the supply of Indoor terminations including suitable Lugs and Glands for the Low Voltage Cable and BCE Wire:				
20.3.1			95mm ² x 4 core	e.a	0		
20.3.2			70mm ² x 4 core	e.a	4		
20.3.3			50mm ² x 4 core	e.a	2		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 20: ELECTRICAL SITE RETICULATION							
ITEM NO	PAYMENT REF	LI	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BALANCE CARRIED FORWARD							
20.3.4			35mm ² x 4 core	e.a	0		
20.3.5			25mm ² x 4 core	e.a	2		
20.3.6			16mm ² x 4 core	e.a	15		
20.3.7			10mm ² x 2 core	e.a	4		
20.3.8			6mm ² x 2 core	e.a	10		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 ELECTRICAL & MECHANICAL: SCHEDULE OF QUANTITIES SECTION 5: GRAND STAND LIGHTNING & POWER							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
21	PW3548 1042		GRANDSTAND LIGHTING & POWER The Contractor shall price for supply, delivery and installation as per the specifications & drawings. Cable and Data Sleeves Supply and installation of PVC Sleeves through floor construction to power distribution board and communication board complete with standard radius sleeve bends Radius bends: 21.1.1 75mm Diameter 21.1.2 110mm Diameter Draw Wires 21.2.1 and conduit for data installation Other Items 21.3.1 2300W /220-240V Automatic Stainless Steel hot air Hand dryer Electrical Tests Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the certificate. 21.4.1 Building installation				
							Rate Only
21.1							
21.1.1			75mm Diameter	No			
21.1.2			110mm Diameter	No	5		
21.2							
21.2.1			and conduit for data installation	m			
21.3							
21.3.1			2300W /220-240V Automatic Stainless Steel hot air Hand dryer	No	7		
21.4							
21.4.1			Building installation	Sum			
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 ELECTRICAL & MECHANICAL:SCHEDULE OF QUANTITIES SECTION 6: CHANGE ROOMS & PUBLIC TOILETS LIGHTING & POWER							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
22	PW 354 & SAN 1042		CHANGE ROOMS & PUBLIC TOILETS LIGHTING & POWER The Contractor shall price for supply, delivery and installation as per the specifications and drawings.				
22,1			Round LED Bulkhead Luminaire 21W Lumen output >= 2500. The Luminare shall consisting of high ingress protection and non-discolouring diffuser compartment permanently to IP65 and also eliminates tampering with the LED's.	No	6		
22,2			Circular LED Downlighters 19W, Lumen output >= 2000. The Light shall consists of a pressed metal ceiling flushed trim, reflector, ceiling brackets and reinforced luminaire frame	No	35		
22,3			Telephone				
22.3.1			Supply and Installation of a 300 x 300mm - Telephone System DB	No			
22,4			Electrical Tests Making provision for the required inspection, test and the commissioning of the complete installation and issuing of the required certificate.				
22.4.1			Building installation	Sum			
22,5			Other Items				
22.5.1			2300W /220-240V Automatic Stainless Steel hot air hand dryer	No	6		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 23: SECURITY CONTROL GATE 1 LIGHTING & POWER							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
23	PW 354& SAN 1042		SECURITY CONTROL GATE 1 LIGHTING & POWER The Contractor shall price for supply, delivery and installation as per the specifications & drawings				
23.1			Light Fittings Supply, delievery to site, storage and installation of the below specified light fittings complete with lamps, fixing material, mounting and tubes. Allowance must be made in the rates for all the required fixing materials and accessories.				
23.1.1			46W LED Tubes Type with vapour proof cover, Lumen output >= 7760lm in compliance with SANS 60598-2-1	No	4		
23.1.2			Round LED Bulkhead Luminaire 21W Lumen output >= 2500. The Luminaire shall consisting of high ingress protection and non-discolouring diffuser compartment permanently to IP65 and also eliminates tampering with the LED's.	No	3		
23.1.3			Circular LED Downlighters 19W, Lumen output >= 2000. The Light shall consists of a pressed metal ceiling flushed trim, reflector, ceiling brackets and reinforced luminaire frame.	No	3		
23.2			Electrical Tests Making provision for the required inspection, tests and the commissioning of the complete installation and the issuing of the required certificate.				
23.2.1			Building installation	Sum			
23.3			Other Items				
23.3.1			1 Lever 20A Isolators complete with galvanise steel wall box	No	3		
23.3.2			2300W /220-240V Automatic Stainless Steel hot air Hand dryer	No	1		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 24: GRAND STAND PLUMBING, WATER HEATING & STORAGE AND VENTILATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
24			PLUMBING, WATER HEATING & STORAGE AND VENTILATION				
24.1			PLUMBING				
24.1.1			Water Supply System Water Supply Piping and Equipment - Supply, Installation, testing & commissioning including all necessary sundries, galvanized hangers & support complete, in accordance with specification drawings. 1. Isolating valve diameter 40 mm 2. Isolating valve diameter 32 mm 3. Isolating valve diameter 25 mm 4. Isolating valve diameter 20 mm Stainless Steel Braided Flexible Connector 1. Diameter 15 mm 2. Diameter 20 mm 3. Diameter 25 mm Copper Class 1 (Uninsulated) Water Supply Piping 1. Diameter 15 mm 2. Diameter 20 mm 3. Diameter 25 mm 4. Diameter 32 mm Copper Class 1 (Insulated) Water Supply Piping 1. Diameter 15 mm 2. Diameter 20 mm 3. Diameter 25 mm 4. Diameter 32 mm				
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY							
REFURBISHMENT OF NAMAKGALE STADIUM							
CONTRACT No. 07/20/21							
SCHEDULE OF QUANTITIES SECTION 24: GRAND STAND PLUMBING, WATER HEATING & STORAGE AND VENTILATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD							
24.1.2			Copper Class 1Fittings for Water Supply Piping				
			1. Diameter 15 mm	No	20		
			2. Diameter 20 mm	No	12		
			3. Diameter 25 mm	No	17		
			4. Diameter 32 mm	No	4		
			Water Drainage System				
			Water Supply Piping and Equipment - Supply, Installation,testing & commissioning including all necessary trenching and backfilling (up to a depth of 1m and width of 0.6m), sundries, galvanized mountings and support complete, in accordance with specifications and associated drawings.				
			uPVC Drainage Piping				
			1. Diameter 32 mm	m	20		
			2. Diameter 40 mm	m	70		
			3. Diameter 50 mm	m	40		
			4. Diameter 80 mm	m	15		
			5. Diameter 110mm	m	112		
			6.Diameter 150 mm	m	35		
			uPVC Drainage Piping Fittings, Bends, Rodding Eyes etc...				
			1. Diameter 32 mm	No	8		
			2. Diameter 40 mm	No	20		
			3. Diameter 50 mm	No	12		
			4. Diameter 80 mm	No	6		
			5. Diameter 110mm	No	90		
			6. Diameter 150 mm	No	25		
TOTAL CARRIED FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 24: GRAND STAND PLUMBING, WATER HEATING & STORAGE AND VENTILATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD							
24.2			WATER HEATING AND STORAGE Supply, delivery, installation, commissioning equipment and testing of hot water generating and storage equipment complete with fixtures and fittings as well as commissioning as specified and shown on the drawing. The equipment supplied should be Stainless Steel according to unless stated otherwise below.				
24.2.1			200 litre high pressure water heater complete with heating elements, drain cock, air relief valve, including hangers, brackets, bolts, geyser tray where necessary, etc	No	2		
24.3			VENTILATION Supply, delivery, installation, commissioning and testing of Ventilation equipment complete with fixtures and fittings as well as commissioning as specified and shown on the drawing. Ducting supplied should be not less than 1mm thick Galvanized Steel unless stated otherwise below.				
	EAG		1. 150 x 150mm Extraction Air Grille	No	10		
	WLG		2. 300 x 300mm Weather Louver with Reducer to Ø200mm	No	2		
	SWF		3. Wall Mounted Extraction Fan Diameter: Ø250mm Extraction Pressure: 150Pa Air Flowrate: 600L/s	No	2		
	EXF 1		4. In-Line Extraction Fan Diameter: Ø450mm Extraction Pressure: 600Pa Air Flowrate: 1200L/s	No	1		
	D1		5. 150mm Diameter GS Ducting @ 0.8mm Thick	m	25		
	D2		6. 250mm Diameter GS Ducting @ 0.8mm Thick	m	10		
	D3		7. 300mm Diameter GS Ducting @ 0.8mm Thick	m	10		
	D4		8. 350mm Diameter GS Ducting @ 0.8mm Thick	m	10		
	D5		9. 400mm Diameter GS Ducting @ 0.8mm Thick	m	10		
TOTAL CARRIED TO FORWARD							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 24: GRAND STAND PLUMBING, WATER HEATING & STORAGE AND VENTILATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD							
24.4	DCF		10. Ducting transformers fixtures, fittings, hangers, couplers and clamps	Sum			
24.4.1			WORKSHOP DRAWINGS, TESTING, COMMISSIONING AND COCs				
			Plumbing Systems				
			1. Pressure Testing of All Plumbing Systems	Sum			
			2. Provision for Final Drawings for Plumbing Systems	Sum			
			3. Issuing of COC for Plumbing System by Registered Plumber(s)	Sum			
24.4.2			Water Heating System				
			1. Provision for Final Drawings for Water Heating System	Sum			
			2. Issuing of COCs for Water Heating System (Electrical and Plumbing)	Sum			
24.4.3			Ventilation System				
			1. Provision for Workshop Drawings for All Ventilation Systems	Sum			
			2. Issuing of COC for All Ventilation Systems	Sum			
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE OF QUANTITIES SECTION 25:CHANGE ROOM PLUMBING, WATER HEATING & STORAGE AND VENTILATION

Witness 2

SCHEDULE OF QUANTITIES SECTION 25:CHANGE ROOM PLUMBING, WATER HEATING & STORAGE AND VENTILATION

Contractor Witness 1 Witness 2 Employer Witness 1 Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 25:CHANGE ROOM PLUMBING, WATER HEATING & STORAGE AND VENTILATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD							
25.2			WATER HEATING AND STORAGE Supply, delivery, installation, commissioning equipment and testing of hot water generating and storage equipment complete with fixtures and fittings as well as commissioning as specified and shown on the drawing The equipment supplied should be Stainless Steel according to unless stated otherwise below.				
25.2.1			200 litre high pressure water heater complete with heating elements, drain cock, air relief valve, including hangers, brackets,bolts, geyser tray where necessary, etc	No	2		
25.3			VENTILATION Supply, delivery, installation, commissioning and testing of Ventilation equipment complete with fixtures and fittings as well as commissioning as specified and shown on the drawing. Ducting supplied should be not less than 1mm thick				
25.3.1			Galvanized Steel unless stated otherwise below.				
	EAG		1. 150 x 150mm Extraction Air Grille	No	16		
	WLG		2. 300 x 300mm Weather Louver with Reducer to Ø200mm	No	4		
	SWF		3. Wall Mounted Extraction Fan Diameter: Ø250mm Extraction Pressure: 150Pa Air Flowrate: 600L/s	No	4		
	EXF 1		4. In-Line Extraction Fan Diameter: Ø450mm Extraction Pressure: 600Pa Air Flowrate: 1200L/s	No	2		
	D1		5. 150mm Diameter GS Ducting @ 0.8mm Thick	m	50		
	D2		6. 250mm Diameter GS Ducting @ 0.8mm Thick	m	22		
	D3		7. 300mm Diameter GS Ducting @ 0.8mm Thick	m	16		
	D4		8. 350mm Diameter GS Ducting @ 0.8mm Thick	m	24		
	D5		9. 400mm Diameter GS Ducting @ 0.8mm Thick	m	30		
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SCHEDULE OF QUANTITIES SECTION 25:CHANGE ROOM PLUMBING, WATER HEATING & STORAGE AND VENTILATION							
ITEM NO	PAYMENT REF	LIC	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD							
25.4	DCF		10. Ducting transformers fixtures, fittings, hangers, couplers and clamps	Sum			
			WORKSHOP DRAWINGS, TESTING, COMMISSIONING AND COCs				
25.4.1			Plumbing Systems				
			1. Pressure Testing of All Plumbing Systems	Sum			
			2. Provision for Final Drawings for Plumbing Systems	Sum			
			3. Issuing of COC for Plumbing System by Registered Plumber(s)	Sum			
25.4.2			Water Heating System				
			1. Provision for Final Drawings for Water Heating System	Sum			
			2. Issuing of COCs for Water Heating System (Electrical and Plumbing)	Sum			
25.4.3			Ventilation System				
			1. Provision for Workshop Drawings for All Ventilation Systems	Sum			
			2. Issuing of COC for All Ventilation Systems	Sum			
TOTAL CARRIED TO SUMMARY							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM	ELECTRICAL AND MECHANICAL ENGINEERING SUMMARY	AMOUNT
1	ELECTRICAL & MECHANICAL PROVISIONAL SUMS	
2	PERIMETER & PITCH LIGHTING	
3	ELECTRICAL SITE RETICULATION	
4	GRAND STAND- LIGHTING & POWER	
5	CHANGE ROOMS & PUBLIC TOILETS LIGHTING & POWER	
6	SECURITY CONTROL GATE- 1 LIGHTING & POWER	
7	GRAND STAND - PLUMBING, WATER HEATING & STORAGE AND VENTILATION	
8	CHANGE ROOMS - PLUMBING, WATER HEATING & STORAGE AND VENTILATION	
TOTAL		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BA-PHALABORWA LOCAL MUNICIPALITY REFURBISHMENT OF NAMAKGALE STADIUM CONTRACT No. 07/20/21 SUMMARY OF SCHEDULE	
SUMMARY OF SCHEDULE	TENDERED AMOUNT
SECTION 1 PRELIMINARY AND GENERAL SECTION 2 CIVILS SECTION 3 BUILDINGS SECTION 4 ELECTRICAL AND MECHANICAL	
SUB-TOTAL 1	
CONTIGENCIES The sum provided here is under the sole control of the Employer and may be deducted in whole or in part. The tenderer shall add 7.5% of the tendered sum	
SUB-TOTAL 2	
VALUE ADDED TAX (VAT) 15% :	
VALUE TO BE ADDED TO THE FORM OF OFFER	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2