

UPGRADING AND REFURBISHMENT OF TAFELKOP SPORTS STADIUM

Situated in

ELIAS MOTSOALEDI LOCAL MUNICIPALITY

C2.1: PRICING INSTRUCTIONS

1. GENERAL

The pricing instructions describe the criteria and assumptions which will be assumed in the Contract that the Bidder has taken into account when developing his prices. The Bills of Quantities record the Contractor's rates for providing supplies, services, engineering and construction works in accordance with the Scope of Work.

The terms of payment and the provisions for price adjustment, if applicable, are established in the Contract Data. These items are not described in the Pricing Data.

The Bidder's obligations in pricing the Bid offer and the Employer's undertakings in the checking and correction of arithmetical errors are dealt with in the Standard Conditions of Bid contained in Annexure c of SANS 10845-3:2015, as amended in and read in conjunction with the Bid Data.

2. DOCUMENTS MUTUALLY EXPLANATORY

The documents forming the Contract are to be taken as mutually explanatory of one another. The Bill of Quantities forms an integral part of the Contract Documents and shall be read in conjunction with the Bid Data, Contract Data, Scope of Work, Site Information General and Special Conditions of Contract, the Specifications and the Drawings.

3. DEFINITIONS

For the purpose of this Bill of Quantities, the following words shall have the meanings hereby assigned to them:

Unit	:	The unit of measurement for each item of work as defined in the COLTO Standard Specification for Road and Bridge Works for State Authorities (1998 edition).
Quantity	:	The number of units of work for each item
Rate	:	The payment per unit of measurement at which the Bidder Bids to do the work.
Amount	:	The product of the quantity and the rate Bided for an item
Sum	:	An amount Bided for an item, the extent of which is described in the Schedule of Quantities, the specifications or elsewhere but the quantity of work of which is not measured in any units.
Prime Cost (or PC item)	:	A sum fixed by the Engineer and entered in the Schedule of Quantities as the net sum provided to cover the cost of specific goods or materials to be supplied under the contract, or the net sum to be paid by the Contractor to merchants or others for such articles or materials. ¹
Provisional Sum	:	A sum of money fixed by the Engineer and entered in the Schedule of Quantities to provide for work not defined at the Bid stage and includes any allowance specifically made for unforeseen contingencies. ¹
Extra Over (or EO)	:	Qualifies an operation (or combination of operations) which is common in a varying degree to a number of other operations and which is scheduled once as "extra over" those other operations in order to avoid a multiplicity of items each reflecting the degree to which the common operations apply. The term "extra over" invariably denoted double measurement, no deduction being made from one on account of the other. ¹

4. **DESCRIPTIONS**

Descriptions in the Bill of Quantities are abbreviated and comply generally with those in the Standardised Specifications. Clause 8 of each Standardised Specification, read together with the relevant clauses of the Scope of Work, set out what ancillary or associated activities are included in the rates for the operations specified. Should any requirements of the measurement and payment clause of the applicable Standardised Specification, or the Scope of Work, conflict with the terms of the Bill, the requirements of the Standardised Specification or Scope of Work, as applicable, shall prevail.

5. **REFERENCES**

The general conditions of contract, the special conditions of contract (if any), the specifications (including the project specification) and the drawings are to be read in conjunction with the schedule of quantities.

Descriptions in the schedule of quantities are abbreviated and the schedule has been drawn up generally in accordance with the COLTO Standard Specification for Road and Bridge Works for State Authorities (1998 edition) as amended in the Scope of Works. Should any requirement of the measurement and payment clause of the applicable standardised specification², or the project specification², or the particular specification(s)² conflict with the terms of the schedule or, when relevant, COLTO¹, the requirement of the standardised, project or particular specification, as applicable, shall prevail.

Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance has been made for waste.

The prices and rates to be inserted in the schedule of quantities are to be the full inclusive prices to the Employer for the work described under the several items, value added tax excluded. Such prices shall cover all costs and expenses that may be required in and for the construction of the work described, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the quotation is based.

A price or rate is to be entered against each item in the schedule of quantities, whether the quantities are stated or not. An item against which no price is entered will be considered to be covered by the other prices or rates in the schedule

6. **UNITS OF MEASUREMENT**

The units of measurement indicated in the Bill of Quantities are metric units.

The following abbreviations are used in the Bill of Quantities:

%	=	per cent
h	=	hour
ha	=	hectare
kg	=	kilogram
kl	=	kilolitre
km	=	kilometre
km-pass	=	kilometre-pass
kW	=	kilowatt
l	=	litre
m	=	metre
mm	=	millimetre
MN	=	mega newton
MN-m	=	mega newton-metre

MPa	=	mega Pascal
kPa	=	kilopascal
m ²	=	square metre
m ³	=	cubic metre
m ³ -km	=	cubic metre-kilometre
m ² -pass	=	square metre-pass
no	=	number
PC sum	=	Prime Cost sum
Prov Sum	=	Provisional Sum
sum	=	lump sum
t	=	ton (1 000 kg)
R/only	=	Rate only
W/day	=	Work day

7. **NET MEASUREMENTS**

Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for off-cuts and waste.

8. **QUANTITIES**

The quantities set out in these Bills of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Bills of Quantities.

The Contract Amount to be determined in accordance with the conditions of contract identified in the Contract Data shall be computed from the actual quantities of authorized work done, value at rates determined in terms of the Contract Data, against the respective items in the Bill of Quantities.

The item numbers appearing in the Bills of Quantities refer to the corresponding item numbers in the COLTO Standard Specification for Road and Bridge Works for State Road Authorities (1998 edition).

9. **CURRENCY**

All rates and sums of money quoted in the Bill of Quantities shall be in Rand and whole cents. Fractions of a cent shall be discounted.

10. **VALUE ADDED TAX**

Value Added Tax shall be excluded from the rates and sums contracted for the various items of work included in the Bill of Quantities. VAT will be added as a single entry to the summary.

11. **RATES AND PRICES**

11.1 **General**

- a) The Contractor must price each item in the Bill of Quantities in BLACK INK. Reproduced computer printouts of the Bills of Quantities will not be acceptable.
- b) The rates and prices to be inserted in the Bill of Quantities shall cover all the services and incidentals for the work described under the several items. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the

Bid is based, as well as overhead charges and profit. Reasonable prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.

- c) Where the Contractor is required to furnish detailed drawings and designs or other information in terms of the Contract Data, all costs thereof shall be deemed to have been provided for and included in the unit rates and sum amounts contracted for the items scheduled in the Bill of Quantities. Separate additional payments will not be made.
- d) A price or rate is to be entered against each item in the Bill of Quantities, whether the quantities are stated or not. An item against which no price is entered will be considered to be covered by the other prices or rates in the Bill. The Contractor will not be paid for items against which no rate or lump sum has been entered in the Bill of Quantities.
- e) Should the Contractor group a number of items and contract one lump sum for such group of items, this single lump sum shall apply to that group of items and not to each individual item.
- f) Should the Contractor indicate against any item that compensation for such item is included in another item; the rate for the item included in another item shall be deemed nil.
- g) A submission may be regarded as non-responsive if any rates or lump sums in the Bill of Quantities are, in the opinion of the Employer, unreasonable or out of proportion.

11.2 "Rate only" items

The Contractor shall fill in a rate (in the rate column) against all items where the words "rate only" appear in the Amount column, which rate will constitute payment for work which may be done in terms of this item. Such "rate-only" items are used where it is estimated that little or no work will be required under the item or where the item is to be considered as an alternative to another item for which a quantity is given.

11.3 Arithmetic

Excepting where Sum Amounts are required or where Provisional Sums have been indicated, the Contractor shall enter an applicable rate in the Rate Column of the Bill of Quantities for each scheduled item. He shall also enter an appropriate sum in the Amount column for each scheduled item, by determining in the applicable line item the product of the Quantity and the Unit Rate.

If there is an error in the line item resulting from the product of the unit rate and the quantity, the rate shall be binding and the error of extension as entered in the Bid offer will be corrected by the Employer in determining the Contract Price.

Where there is an error in addition, either as a result of other corrections required by this checking process or in the Bidder's addition of prices, such error will be corrected by the Employer in determining the Contract Price.

12. VARIATION IN TEXT

No alteration, erasure or addition is to be made in the text of the Bill of Quantities. Should any alteration, erasure or addition be made, it will not be recognized; the original wording of the Bill of Quantities will be adhered to.

- 13 Those parts of the contract to be constructed using labour-intensive methods have been marked in the bill of quantities with the letters LI in a separate column or as a prefix or suffix against every item so designated. The works, or parts of the works so designated are to be constructed using labour-intensive methods only.

The use of plant to provide such works, other than plant specifically provided for in the scope of works, is a deviation from the contract. The items marked with the letters 'LI' are not necessarily an exhaustive list of all the activities, which must be done by hand, and this clause does not over-ride any of the requirements in the generic labour-intensive specification in the Scope of Works.

- 14 Where minimum labour intensity is specified by the design the contractor is expected to use their initiative to identify additional activities that can be done labour-intensively in order to comply with the set minimum labour intensity target.
- 15 Payment for items which are designated to be constructed labour-intensively (either in this schedule or in the scope of works) will not be made unless they are constructed using labour-intensive methods. Any unauthorised use of plant to carry out work, which was to be done labour-intensively will not be condoned, and any works so constructed will not be certified for payment.

UPGRADING AND REFURBISHMENT OF TAFELKOP SPORTS STADIUM

**Situated in
ELIAS MOTSOLEDI LOCAL MUNICIPALITY
of the Limpopo Province**

BID No. EMLM 08/2025

C2.2: BILL OF QUANTITIES



TENDER NUMBER: EMLM 08/2025						
PRELIMINARY & GENERAL						
					SECTION 1: PRELIMINARY AND GENERAL	
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
1	SABS 1200 A	SECTION 1: PRELIMINARY AND GENERAL				
1.1	8.3	FIXED-CHARGE & VALUE RELATED ITEMS				
1.1.1	8.3.1	Contractual Requirements	Sum	1.00		R -
1.1.2	8.3.2	Establish Facilities on the Site :(SANS 1200 AB)				
1.1.2.1	8.3.2.1	Facilities for Engineer :				
		a) Engineer's office and furnishing (Furnished office. Minimal 1 desk with drawers, printer table, 3 chairs, filing cabinet and drawing rack.)	Sum	1.00		R -
		b) Ablution and latrine facilities	Sum	1.00		R -
		c) Parking facilities	Sum	1.00		R -
		d) Printer/Scanner/Copier, A4 colour	Sum	1.00		R -
		e) Percentage adjustment on items (d) for contractor's overheads and profit (state % and extend as an amount)	%	10%		R -
		f) Provision of accomodation / rented house/hotel for the Engineer represantative(s)	Psum	1.00		R -
1.1.2.2	8.3.2.2	Facilities for Contractor :				
		a) Offices and storage sheds	Sum	1.00		R -
	8.3.2.1	b) Contract Name Boards	Sum	2.00		R -
		c) Ablution and latrine facilities	Sum	1.00		R -
		d) Tools and equipment	Sum	1.00		R -
		e) Water supplies,	Sum	1.00		R -
		f) Electric Power	Sum	1.00		R -
		g) Communications	Sum	1.00		R -

		h) Dealing with water	Sum	1.00		R -
1.1.2.3		Comply with Occupational Health and Safety (Act 85 of 1993) and all relevant and applicable regulations,	Sum	1.00		R -
1.1.2.4	8.3.4	Removal of site establishment Removal of Engineer's and contractor's site on completion	Sum	1.00		R -
1.2	8.4	TIME-RELATED ITEMS				
1.2.1	8.4.1	Contractual Requirements	Month	6.00		R -
Total Carried Forward						R -
PRELIMINARY & GENERAL						
					SECTION 1: PRELIMINARY AND GENERAL	
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
Brought Forward						R -
	8.4.2	Operate and maintain facilities on the Site:				
	8.4.2.1	a) Facilities for Engineer for duration of construction (SANS 1200 AB)				
1.2.2		1 No. Furnished office, including stationary	Month	6.00		R -
1.2.3	AB 4.2	2 No. Carports	Month	6.00		R -
1.2.4		2 No. Contract name boards	Month	6.00		R -
1.2.5		1 No. Printer/Scanner/Copier, A4 colour (including paper and ink cartridges)	Month	6.00		R -
1.2.6		1 No. Laptop (including IT support)	Month	6.00		R -
1.2.7		Communication (Unlimited Voice Calls + 20GB data) for 1 person	Month	6.00		R -
	8.4.2.2	b) Facilities for Contractor for duration of construction, except where otherwise stated				
1.2.8		Offices and storage sheds	Month	6.00		R -
1.2.9		Ablution and latrine facilities	Month	6.00		R -
1.2.10		Water supplies, electric power and communications	Month	6.00		R -
1.2.11		Dealing with water (Subclause 5.5)	Month	6.00		R -
1.2.12		Access (Subclause 5.8)	Month	6.00		R -

1.2.13	8.4.3	Supervision for duration of the construction and head office overhead cost	Month	6.00		R -
1.2.14		Company and head office overhead costs for the duration of the contract (Including EME or QSE Contractor(s) related, e.g. payment of EME or QSE Contractor(s))	Month	6.00		R -
1.2.15		Other time-related obligations	Month	6.00		R -
1.2.16		Provision of surveyor and survey equipment required for the survey of the works and construction setting out in accordance with the specifications. Including survey works requested by Employers Agent for coordinating existing services on site.	Month	6.00		R -
1.2.17	PSA 8.4.7	Obtaining and maintaining in good standing, of wayleaves for the duration of the contract.	Month	6.00		R -
1.3		OTHER GENERAL				
	PSA 8.4.8	Community Liaison Officer				
1.3.1		a) Payment of Community Liaison Officer	Month	6.00	R 5 500.00	R
1.3.2		b) Communication for Community Liaison Officer	Prov.S	1.00	R 3 000.00	R
1.3.3		c) Overheads, charges and profit on item above	%	33000.00		R -
	PSA 8.4.9	Accredited training of local labour				
1.3.4		a) Training allowance paid for targeted labour and EME or QSE Contractors in terms of formal training	Prov.S	1.00	R 40 000.00	R
1.3.5		b) Overheads, charges and profit on item above	%			R -
	PSA 8.3.10	Obligation with regards to the Project Steering Committee - Social facilitation	Month	6.00	R 6 000.00	R
		In-service training of local labour				
1.3.6		Provision of Student In-Service Training / Internship (x 1)	Month	6.00	R 6 500.00	R
		SUMS STATED PROVISIONALLY BY THE ENGINEER				
		SPECIALIST SERVICES				
	8.3.3	Health and Safety Obligations				

1.3.7		Compliance with the OHS act, including Health and Safety file and all associated regulations	Sum	1.00		R -
1.3.8		Provision for Occupational Safety Consultant (Nominated Sub-consultant)	PSum	1.00	R 80 000.00	R
1.3.9		Provision for Health and Safety Representative (SHE REP)	Month	5.00		R -
	8.3.3	Enviromental Management Plan				
		Compliance with the Environmental Management Plan and all associated regulations	PSum	1.00		R -
1.3.10		Provision for Environmental Impact Assessment Consultant (Nominated Sub-consultant)	PSum	1.00	R 50 000.00	R
		DAYWORK				
		Labour	Prov.S	1.00		R -
		Percentage adjustment to items for labour	%	0.00		R -
		Materials	Prov.S	1.00		R -
		Percentage adjustment to items for materials	%	0.00		R -
		Plant	Prov.S	1.00		R -
1.3	8.5					
		Percentage adjustment to items for plant	%	0.00		R -
1 B		PROVISIONAL SUMS				
1.6		SUMS STATED PROVISIONALLY BY ENGINEER				
		For work to be done by Contractor and valued in terms of Clause 8.1.2.1 d) of conditions of contract				
1.6.1		a) Relocation of existing services (raising/lowering of manholes/valve chambers/etc., relocating water meters/electrical poles/etc.), including attaining wayleaves from Service Authorities.	Prov.S	1.00	R 15 000.00	R
1.6.2		b) Overheads, charges and profit on item above	%	15000.00		R -
		For work to be done by Contractor and valued in terms of Clause 8.1.2.1 d) of conditions of contract				
		a) Material testing as required by the Engineer	Prov.S	1.00	R 25 000.00	R -
		b) Overheads, charges and profit on item above	%	0.00		R -

Total Carried Forward						R
PRELIMINARY & GENERAL						

TENDER NUMBER: EMLM 08/2025					SECTION 2: SITE CLEARANCE	
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
2.	SABS 1200C	SECTION 2: SITE CLEARANCE & EARTHWORKS				
2.1		CLEAR SITE				
2.1.1	8.2.1	Clear and grub Site Clear of all vegetation trees as indicated by the Engineer	ha	12.50		R -
2.1.2		Removal of existing fence and nameboard and stockpiling on site	ha	2.5		R -
2.1.3		Remove Trees and grub large trees and tree stumps	No	35.0		R -
	8.2.6	Transport materials and debris to unspecified and dispose (free haul distance of 2 km)	m³km	1500.0		R -
	PSC					
	8.2.9	<u>EARTHWORKS</u>				
	SABS					
	1200D	Rip and compact to 90 % MOD AASHTO 150 mm thickness	m³	9126.6		R -
		Provision for rockfill materials	Sum	1.0	R 155 000.00	
	8.2.11	Demolish existing pavements and discard materials to an approved dumping site to be located by the Contractor, including all haulage and dumping fees:				
2.21	PSC 8.2.11	a) Remove and dispose existing block paving (various types for walkways and driveways) along Works area	m²	325.0		R -
2.2.4	PSC 8.2.11	c) Remove and dispose of unreinforced concrete along works area (channels, edge beams, edging around fixtures, etc.)	m²	300.0		R -
2.2.6	PSC 8.2.11	e) Remove and dispose of kerbs (all types precast and cast-insitu) deemed to be in poor condition and for universal access ramps at intersections.	m	178.0		R -
Total Carried Forward To Summary						R -

TENDER NUMBER: EMLM 08/2025				SECTION 3: BOREHOLE DEVELOPMENT		
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
3.		SECTION 3: BOREHOLE DEVELOPMENT				
		<u>BOREHOLE DEVELOPMENT</u>				
3.1		i. Geohydrological Servies (to be executed by nominated sub-contractor/specialist)	Psum	1.0	R 30 000.00	R
		ii. Drilling	Psum	1.0	R 75 000.00	R
3.2		iii. Testing	Psum	1.0	R 30 000.00	R
3.3		iv.Borehole equipping (submersible pump/pipes and complete with all necessary fittings to completion	Psum	1.0	R 25 000.00	R
3.4		v. Borehole pumphouse	Psum	1.0	R 30 000.00	R
3.5		vi. Profit and Handling Fees on Item (i) to (v)	%			R -
		<u>WATER SUPPLY STORAGE & INSTALLATION</u>				
3.9		Supply and Install 1 X 10000 L for connection of water from borehole to elevated tanks (Including Suction Hose kit 32mm, Float valve kit, Uv Light & Filters)	No.	1.0		R -
3.10		Supply and Install 10000 L for connection of water from borehole	No	3.0		R -
3.11		Booster pump multistage automatic 1.1KW	No	1.0		R -
	SABS 1200					
		Excavation				
3.12	8.3.1(b)	Restricted excavation for base footings, trenches, anchor blocks etc. anchor blocks etc	m³	20.0		R -
3.12.1		Extra over item 3.12 for excavation in hard rock blocks etc. rock material	m³	8.5		R -
3.12.2		Import approved fill material from borrow pit and place in layers not exceeding 150mm and compact to 95% MOD AASHTO density.(GM>1.5PI<10,CBR>45 at 95% mA.)	m³	25.0		R -
3.13		Concrete				
3.13.1		Bedding layer in 10 Mpa/19 mm concrete, 75 mm thick	m³	3.4		R -

3.13.2		Concrete Stub Columns in Grade 25Mpa Concrete including Chamfer 30 x 30 mm Uniformed surface finishes	m³	7.0		R	-
3.13.3		Reinforcement					
3.13.4		Steel reinforcement (Mild steel bars)	t	0.7		R	-
	1200 L						
3.14	8.3	MEDIUM PRESSURE PIPELINES					
		Trenches for water pipes					
3.14.1	8.3.2	Excavate in all materials for trenches, backfill, compact to 90% Mod AASHTO, and dispose of surplus material					
		a) For pipes up to 125mm dia. For depths:					
		(i) Up to 1,0m	m	150.0		R	-
		(ii) Over 1,0m up to 2,0m	m	175.0		R	-
	8.3.3	Excavation Ancillaries					
		Make up deficiency in backfill material					
		a. From other necessary excavations on site	m³	82.5		R	-
		b. By importation from designated borrow pits	m³	35.0		R	-
		c. By importation from commercial sources	m³	20.0		R	-
3.14.2		Supply, lay and bed on flexible bedding, complete with couplings					
		(a) HDPE pipes					
		(i) 50m dia.	m	125.0		R	-
		(i) 63m dia.	m	125.0		R	-
		Provision for supplying, fixing and bedding of gate valves and line strainers on HDPE pipes	PSum	1.0		R	-
3.14.3	8.3.3	Excavation Ancillaries					
		Make up deficiency in backfill material					
		a. From other necessary excavations on site	m³	51.0		R	-
		b. By importation from designated borrow pits	m³	25.0		R	-
		c. By importation from commercial sources	m³	30.0		R	-

Total Carried Forward					
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TENDER NUMBER: EMLM 08/2025				SECTION 4: PERIMETER FENCING		
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
4		SECTION 5: PERIMETER FENCING FOR SPORTS FACILITY				
	1200C	CLEAR AND GRUB				
4.1.1		Clear and grub strips for	ha	1.5		R -
		NEW FENCING MEASURED ALL INCLUSIVE				
4.1.2		Concrete palisade Fencing supplied and fixed complete, including all posts, stays, standards, droppers, excavation, backfilling, concrete bases, etc				
		Concrete Palisade Fence up to 1.8m	m	1546.0		R -
		GATES				
4.2.1		Sports fields (main entrance- vehicular gates, 3.5m width each)	set	3.0		R -
4.2.2		Sports Fields (pedestrian entrances- 0.8m width each)	set	2.0		R -
Total Carried Forward						R -

TENDER NUMBER: EMLM 08/2025				SECTION 5: SOCCER FIELD & ATHLETIC RUNNING TRACK		
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
5		SECTION 5: SOCCER FIELD & ATHLETIC RUNNING TRACK				
	SANS 1200DM	EARTHWORKS				
		Main Soccer Field and Running Surface Track				
5.1.	8.3.2	Cut to fill, compacted to 90% mod AASHTO	m³	3565		R -
		TREATMENT OF ROADBED				
5.2	8.3.3	Road-bed preparation and compaction of material Compact to 93% mod. AASHTO maximum density	m³	800		R -
5.3		Selected layer (G7) compacted to 93% mod AASHTO	m³	800		R -
5.4		Extra Over for Item 4.2.1 above. a)Intermediate excavation b)Hard Rock Excavation Treatment of subgrade	m³	150		R -

	SANS 1200ME	SUBBASE (Compact to 95% MOD AASHTO)				
5.5		Construct 150mm layer of gravel material from designated excavations or stockpile (Borrow Pits)	m ³	800		R -
	8.3.4	Importing of Materials				
5.6		a. Extra Over Item for importation of				
5.7		ii. Borrow pits	m ³	2500		R -
		iii Provision for underground water	Sum	1	R 185 000.00	
5.8		b. Opening up and closing down of designated				
		borrow pit	PSum	1	R 10 000.00	R -
	8.3.6	Overhaul				
5.9		a. Limited overhaul (freehaul of 2 km)	m ³	650		R -
5.10		b. Long overhaul	m ³ km	4500		R -
5.11		Supply and install galvanised, official standard permanent soccer goals, including netting (two sets) from Disa Sport or similar approve supplier.	set	2.0		R -
5.12		Mark-out formal soccer field with chalk as per standard soccer field specifications.	Sum	1.0		R -
		BASE (Compact to 97% MOD AASHTO)				
5.13		Construction of base within gravel material (G6) from borrow pit compacted to C4 stabilised material to 95% MOD AASHTO in layers not exceeding 150mm	m ³	800		R -
	SANS					
	1200 ME					
		Chemical stabilizing agent:				
5.14		(a) Ordinary portland cement (32.5N)	t	35		R -
5.15		Provision and application of water for curing	kℓ	50		R -
		ALL WEATHER SEAL LAYERS SURFACING				
5.16		Supply and apply approved non-skid all-weather surfacing by a specialist (As specified by the Engineer) from commercial sources including hauling: Apply 2mm tack coat to the prepared base (binder), Spread a nominal 6mm stone to a 30mm thickness (chip and spray), 2mm bituminous slurry, 2mm bara mastic slurry, 1mm modified rubber cement (final colours)	m ²	4500		R -

5.17		Handling fee on items 3.8.1 and 3.8.2 above	%	5%		R -
		LINE MARKINGS				
5.18		Installation of field demarcation painting lines by a specialist, and as per specifications and drawings	m	1000		R -
5.19		Supply and Install (Roll-on lawn):				
		Roll-on-lawn (kikuyu, bermuda or similar)	m ²	7560		R -
5.20		Landscapping Planting: Shrub, groundcover & lawn planting area preparation				
		Spread additives & compost to all shrub & groundcover + lawn planting areas & mix into soil to a depth of 300mm	m ³	7500		R -
Total Carried Forward To Summary						R -

TENDER NUMBER: EMLM 08/2025				SECTION 6: BASKET BALL & VOLLEYBALL		
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
6.0		SECTION 7: COMBI COURT: BASKETBALL & VOLLEYBALL				
	SABS 1200 LB					
		SITE CLEARANCE				
6.1	8.2.1	Clear and grub site of all vegetation trees as indicated by the Engineer.	ha	0.1		R -
		EXCAVATION				
6.2		Excavate in soft materials and use for embankment or backfill or dispose as ordered by engineer	m ³	380.0		R -
6.3	8.2.2	Subgrade preparation and compact to 90 % MOD AASHTO 150 mm thick	m ³	130.0		R -
	SANS 1200ME	SUBBASE (Compact to 95% MOD AASHTO)				
6.4		Construct 150mm layer of gravel material from designated excavations or stockpile (Borrow Pits)	m ³	130.0		R -
		BASE (Compact to 97% MOD AASHTO)				

Upgrading and Refurbishment of Tafelkop Sports Stadium

6.5		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	130.0		R	-
		Chemical stabilizing agent:					
6.6		(a) Ordinary portland cement (32.5N)	t	7.0		R	-
6.7		Provision and application of water for curing	kℓ	20.0		R	-
6.8		Extra Over for stabilisation of gravel	m³	125.0		R	-
6.9		Cutting berm to form sitting terraces for spectators	m³	70.0		R	-
6.10		Grassing around berm for stability	m²	144.0		R	-
6.11		Supply and apply approved non-skid all-weather surfacing by a specialist including hauling: Apply 2mm tack coat to the prepared base (binder), Spread a nominal 6mm stone to a 30mm thickness (chip and spray), 2mm bituminous slurry, 2mm bara mastic slurry, 1mm modified rubber cement (final colours)	m²	1600.0		R	-
6.12		LINE MARKINGS					
		Installation of field demarcation painting lines by a specialist, and as per specifications and drawings	m	200		R	-
6.13		Supply and install 3,5m high diamond mesh fence / chain link gate, including two pedestrian gates	P.Sum	1.0	R 5000.00	R	-
6.14	1.2.13	Supply and install galvanised, removable, heavy duty multipurpose Volleyball / basket ball goals with ring, net and ground sleeves from Disa Sport or similar approve supplier.	set	4.0		R	-
6.15	1.2.5.1	Provide for the building of seat walls (including modular precast coping, colour: charcoal,).	m	32.0		R	-
Total Carried Forward						R	-

TENDER NUMBER: EMLM 08/2025				SECTION 7: TENNIS COURT & NETBALL		
ITEM NO	PAYMENT	DESCRIPTION	UNIT	SCHED QTY	RATE	AMOUNT
		SECTION 8: COMBI: TENNIS COURT & NETBALL				
7	SABS 1200 LB					
		SITE CLEARANCE				
7.1	8.2.1	Clear and grub site of all vegetation trees as indicated by the Engineer.	ha	0.1		R -
		EXCAVATION				
		Excavate in soft materials and use for embankment or backfill or dispose as ordered by engineer	m³	350.0		R -
7.2	8.2.2	Subgrade preparation and compact to 90 % MOD AASHTO 150 mm thick	m³	120.0		R -
		SUBBASE (Compact to 95% MOD AASHTO)				
		Construct 150mm layer of gravel material from designated excavations or stockpile (Borrow Pits)	m³	120.0		R -
7.3		BASE (Compact to 97% MOD AASHTO)				
		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	120.0		R -
		Chemical stabilizing agent:				
		(a) Ordinary portland cement (32.5N)	t	6.0		R -
		Provision and application of water for curing	kℓ	13.0		R -
		Extra Over for stabilisation of gravel	m³	95.0		R -
		Cutting berm to form sitting terraces for spectators	m³	60.0		R -
		Grassing around berm for stability	m²	120.0		R -
		Supply and apply approved non-skid all-weather surfacing by a specialist including hauling: Apply 2mm tack coat to the prepared base (binder), Spread a nominal 6mm stone to a 30mm thickness (chip and spray), 2mm bituminous slurry, 2mm bara mastic slurry, 1mm modified rubber cement (final colours)	m²	1600.0		R -
7.4		LINE MARKINGS				
		Installation of field demarcation painting lines by a specialist, and as per specifications and drawings	m	200.0		R -

Upgrading and Refurbishment of Tafelkop Sports Stadium

7.5		Supply and install 3,5m high diamond mesh fence / chain link gate, including two pedestrian gates	Psum	1.0	R 5000.00	R -
7.6		Supply and install galvanised, removable, heavy duty multipurpose Volleyball / basket ball goals with ring, net and ground sleeves from Disa Sport or similar approve supplier.	set	4.0		R -
7.7		Provide for the building of seat walls (including modular precast coping, colour: charcoal,).	m	32.0		R -
Total Carried Forward						R -

TENDER NUMBER: EMLM 08/2025			SECTION 8: STORMWATER DRAINAGE			
ITEM No.	PAYMENT	DESCRIPTION	UNIT	BILL QTY	RATE	AMOUNT
	SANS 1200DB					
8		STORMWATER DRAINAGE				
8.1		Excavation & Backfilling				
8.1.1	8.3.2	Excavate in all materials, backfill and compact to 90% mod AASHTO density, and dispose of surplus and unsuitable materials within the freehaul distance for trenches				
8.1.1.1		(i) 0 m up to 1,5 m	m ³	534		-
8.1.1.2		(ii) Exceeding 1,5 m and up to 3,0 m	m ³	401		-
8.1.2	8.3.3	Extra over items 8.3.2 (a) for				
8.1.2.1		(iii) Hard rock excavation	m ³	115		-
		(iv) Provision for underground water	P.Sum	1	R 150 000.00	-
	SANS 1200LB					-
8.2		Bedding				-
		Provision of bedding from trench excavation				-
	8.2.1	(a) Selected granular material	m ³	780		-
						-
		(b) Selected fill material	m ³	650		-
						-
	8.2.2	Supply only of Bedding by Importation				-
	8.2.2.5	From commercial sources (Provisional)	m ³	345		-
						-
	8.2.3	Concrete Bedding Cradle	m ³	8		-

						-
	8.2.5	Encasing of Pipes in Concrete	m ³	203		-
						-
8.3	SANS 1200 LE					-
8.3.1	8.2.1	Supply, lay, bed (class B bedding) and test UPVC 110mm dia., pipe culverts including all cutting to ends	m	550		-
						-
8.3.2		Supply, lay, bed, Precast-Concrete channel covered with galvanised steel	m	650		-
8.4		Cast in-situ concrete and formwork				
		(c) In inlet and outlet structures, skewed				
		ends, catchpits, manholes, thrust and				
		anchor blocks, excluding formwork but				
		including class U2 surface finish				
		(i) Class 30/19 concrete	m ³	25		-
8.50		Steel reinforcement				
		(a) Mild steel bars	t	0.8		-
		(b) High-tensile steel bars	t	0.7		-
		(c) Welded steel fabric	t	1		-
8.6		Manholes, catchpits, precast inlet and outlet structures complete:				
		(f) Inlet and outlet structures Manhole (1250mm Dia)	No.	8		-
		Inclusive of all material except for the concrete in item				-
TOTAL CARRIED FORWARD						-

TENDER NUMBER: EMLM 08/2025						SECTION 9: ABLUTION AND GUARD HOUSE			
Item	Payment	Description				Unit	Qty	Rate	Amount
	Reference							(R)	(R)
	SANS								
	1200 G	<u>CONCRETE (STRUCTURAL)</u>							
		-							
		Site clearing removing all debris and dispose off site				m²	250		
		<u>EXCAVATION AND BACKFILLING</u>							
		-							
9.1		Excavate in all materials, backfill and compact to 90% mod AASHTO density, and dispose of surplus and unsuitable materials within the freehaul distance for trenches							
		(a)	Over 1m and up to 2m wide						
			1	Up to 1m deep		m³	150		
			2	Over 1m and up to 2m deep		m³	350		
			3	Hard rock excavation		m³	78		
		-							
9.2	8.1.1	<u>FOUNDATION FORM WORK</u>							
		(a)	<u>Foundation Formwork (boxing earth / excavation)</u>						
			.1	Boxing out for Strip Footings (up to 1000mm wide and less than 1500mm deep		m	96.0		
9.2.2		(b)	Surfaced formwork						
			.1	Vertical formwork for expansion joints as per the drawing		m²	62.9		
9.3	8.1.2	<u>REINFORCEMENT</u>							
			Y bars						
			(a)	Strip footings		t	1.85		
			(c)	245 Mesh for surface bed		t	0.6		
9.4	8.1.3	<u>CONCRETE</u>							
9.4.1		-	Class 25/19						
			(a)	Surface bed (floated as per the drawings)		m³	20		
9.4.2			(b)	Strip footings		m³	13.16		
		Per Architect's sepcification, and strength as per Engineer's specification							

9.5	Foundation Brickwork								
	Masonry work built with brickforce								
		(a)	Single brickwork (110mm)			m²	44		
		(b)	Single brickwork (220mm)			m²	70		
9.6	Brick wall from surface bed level up to 3,2m								
9.6.1		(a)	Single Wall -brickwork (110mm)			m²	245		
9.6.2		(b)	Double wall -brickwork (220mm)			m²	385		
9.7	STRUCTURAL TIMBER								
	Procure, fabricate, supply and and assemble as per the drawings					m²	150		
9.8	ROOF COVERINGS ETC								
	"Chromadek" or equally approved Z200 longspan roof sheeting with end flashing and SONDOR polyclosure on 75x50mm sap purlins at maximum 900mm ctrs								
	Supply and Install Roof covering with pitch not exceeding 25 degrees (Ablution + Guard House)					m²	120		
9.9	EAVES, VERGES, ETC								
	Supply and Fit 10 X 225 PVC Barge board fixed to 38 x 38 trimmer purlins twiced screwed with 12 x 40mm countersunk stainless steel screws with PVC H- profile joiner between board and at apex of roof					m	40		
	Supply and Fit 225mm Fascia Board fixed with solid brass screws to rafter ends					m	25		
9.10	ROOF INSULATION								
	"Isotherm" or equally approved insulation								
	Supply and Install 100mm Insulation closely fitted and laid on top of brandering between roof timbers etc (Ablution + Guard House)					m²	85		
9.11	NAILED UP CEILINGS								
	Supply and Install 9.5 Rhinoboard with tapared joints on 38 X 38mm sap brandering laid one way at 400mm cc (Admin + Guard House)					m²	85		
	"Everite Nutec" or similar equally approved fibre cement cornices								
	75mm Coved cornices					m	58		
9.12	SKIRTINGS								
	Supply and Fit 70x16mm hollow backed Meranti skirting (Ablution + Guard House)					m	45		
9.13	METALWORK								
	NOTE: All door frames to be fitted with one and a half pair chromium plated on steel, brass butts with double nylon washers for each door leaf unless otherwise described and chromium plated striking plates								
9.14	GALVANISED PRESSED STEEL DOOR FRAMES								

		1,2mm Double rebated frames suitable for double brick walls				
		Frame for door 1050 x 2186mm high	No	5		
		Frame for door 1050x 2100mm high	No	5		
		EXTERNAL DOOR:Supply and fit new (1050 x 2100) at Ablution Block	No	3		
		EXTERNAL DOOR:Supply and fit new (1050 x 2186) at Guard House	No	1		
		INTERNAL DOORS: Supply and fit new "Elegance" semi-solid (2032 x 762 x 44mm thick) pressed masonite veneered doors or similar and approved with hardwood edges in 32mm thick meranti door liners. 1 x coat pink wood primer and 1 x coat Plascon Velvaglio Matt Enamel -	No	10		
9.15		IRONMONGERY				
		LOCKS				
		"Union" or equally approved				
9.15.1		Supply and Fit Three lever lockset Ablution	No	5		
		Supply and Fit Union 3 lever solid brass lockset (Guard House)	No	5		
		HANDLES				
9.15.2		"Union" or equally approved				
		Supply and Fit a Georgian Scroll Keyhole Solid Brass Handle or similar (Ablution + Guard House)	No	15		
		WINDOWS and Accessories etc.				
		Supply and Fit Window size 1025 x 1449mm high (SS21) - Durowin standard steel windows, internally glazed industrial hot dip galvanized, residential profile, including 10mm square burglar bars at 150mm centers (Guard House)	No	6		
		Supply and Fit Bathroom Window Steel Top Hung - (standard profile)-600 x 600mm	No	6		
		GLAZING TO STEEL WITH PUTTY				
		6mm Clear toughened safety glass puttied in with steel window putty as per SANS 10400:N				
		Panes exceeding 0,1m² and not exceeding 0,5m²	m²	20		
9.16		BATHROOM FITTINGS				
		Supply and Fit ("Protea" paraplegic 90 degree outlet pan (750246) with double flap plastic seat and matching 9 litre cistern (710631) with lid and fitments including purpose-made CP side-flush lever mounted on wall adjacent to cistern)	No	8		
		Supply and Fit "CHR675" Toilet roll holder fixed to wall	No	8		
		Supply and Fit (510 x 405mm "Hibiscus" wash hand basin (7023), white colour with two tap configuration	No	6		

		bolted to wall using 1 x 2 x 8mm bolts (8448ZO)				
		Supply and Fit framed bathroom mirrors 400 X 600mm - Mocca Elegant Sleek Rectangular or similar	No	4		
		Sanitary fitting: VAAL 7035 SPRINGBOK BOWL URINAL size 560 x 275 x 310 mm c.w. Hanger brackets, 38 mm dia chromium plated waste pipes and installed with flush pipe	No	8		
9.17		INTERNAL PLASTER				
		Cement plaster on brickwork				
		On walls	m²	380		
		Screeds on concrete floor				
		25mm Thick on floors and landings	m²	150		
9.18		PAINTING WORKS				
		Prepare surfaces and remove all loose material, apply one coat "Plascon or equally aproved Professional Plaster Prime (PP700)" thinned 20% and two coats "Plascon Egg Shell Enamel (PSB700)" paint				
		On internal walls	m²	380		
		Prepare surfaces and remove all loose material, apply one coat "Plascon Merit Plaster Primer or equally aproved" and two coats "Plascon Velvaglo Polyurethane Enamel or equally aproved" paint				
		On ceilings and cornices	m²	55		
		On fascias and barge boards	m²	45		
		On Metal works				
		One coat primer, one undercoat and two coats "Dulux Easigloss D189-0734" gloss enamel paint (Colour to be approved by Consultant)	m²	20		
9.19		PLUMBING & DRAINAGE				
		1. 25 mm Brass Fullway Gate Valve	No	11		
		2. Standard hose reel complete with 30 m rubber hose , chromium plated stopcock, shut off nozzle and wall bracket	No	4		
		3. Water Supplies				
		a. 32 mm dia Class 9 pressure pipes	m	120		
		b. 25 mm dia Class 9 pressure pipes	m	120		
		c. 32 x 25 mm Reducing Tee	No	9		
		d. 25 mm adaptor coupling	No	9		
		e. 25 mm dia copper piping	m	200		
		f. 25 mm dia copper fittings				

			No	100		
		4. Drainage Pipes				
		a. 110 mm dia	m	150		
		b. 110 x 75 mm couplings	No	31		
		c. 110 mm gulleys	No	32		
		d. 110 mm dia Cleaning eyes	No	12		
		Provisions Sums				
		Septic Tank	Psum	1	R 55 000.00	
		Carried forward to Summary of Schedules				

PROJECT NAME:	UPGRADING AND REFURBISHMENT OF TAFELKOP SPORTS STADIUM		
TENDER NO.:	EMLM 08/2025		
EMPLOYER:	ELIAS MOTSOALEDI LOCAL MUNICIPALITY		
TENDERER:			
ENGINEER:	MARUNGANE PROJECTS (Pty) Ltd		
SUMMARY BOQ			
SUMMARY OF SECTIONS: PART A - PRELIMINARY AND GENERAL			AMOUNT (R)
	SECTION 1: PRELIMINARY AND GENERAL		
	SUB-TOTAL PART A	Sub-total	
SUMMARY OF SECTIONS: PART B - CIVIL ENGINEERING SERVICES			
	SECTION 2: SITE CLEARANCE & EARTHWORKS		
	SECTION 3: BOREHOLE DEVELOPMENT		
	SECTION 4: PERIMETER FENCING FOR SPORTS FACILITY		
	SECTION 5: SOCCER FIELD & ATHLETIC SURFACE RUNNING TRACK		
	SECTION 6: COMBI COURTS: BASKET BALL & VOLLEYBALL		
	SECTION 7: COMBI COURTS: TENNIS & NETBALL		
	SECTION 8: STORMWATER DRAINAGE		
	SECTION 9: ABLUTION AND GUARD HOUSE		
	SUB-TOTAL PART B	Sub-total	
PRELIMINARY TOTAL 1 (A+B)			
Contingencies (5%)		Sub-total	
PRELIMINARY TOTAL 2			
VAT 15%			
TOTAL		Sub total	
TOTAL AMOUNT (CONSTRUCTION)			