

MINISTRY OF LOCAL GOVERNMENT AND PUBLIC WORKS

The Office of the Secretary
Private Bag 7755
Causeway,
ZIMBABWE



MINISTRY OF LOCAL GOVERNMENT
AND PUBLIC WORKS
MAIN RECORDS
06 MAY 2022
P. BAG CY 7755, CAUSEWAY
HARARE

Telephone 263 4 728201/9
Fax 263 4 796204

Ref: M/7/26

5 May 2022.

Director Administration,
PSI Mazowe
P.O. Box 2278
Harare.

Att: Mr. Musonza

RE: PSI MAZOWE: COST ESTIMATE OF OUTSTANDING WORKS PHASE 1 AND PHASE 2.

The above subject matter refers.

Please be advised that the cost estimate of all outstanding works of the above project are as follows,

Builder's Works	USD 85,957,768.09
Civil Works	USD 3,416,555.00
Mechanical Works	USD 15,465,252.89
Electrical Works	USD 7,369,734.22
Grand total of works	USD 112,209,310.20

Please find attached documentation for the price build up.

Arch. P/S. Mukura (Director Architectural Services)
For SECRETARY FOR LOCAL GOVERNMENT AND PUBLIC WORKS

Cc: CD Public Works, DQS & File x3

PSI MAZOWE PHASE 1

SUMMARY OF ESTIMATE COST FOR OUTSTANDING WORKS

BUILDING TYPE	BUILDING COST	SPECIALIST WORKS	ELECTRICAL WORKS	MECHANICAL WORKS	TOTAL COST (USD)
A	671,990.65	1,137,514.00	267,279.05	331,797.63	2,408,581.33
B1	272,075.34	1,047,492.00	227,654.00	283,837.05	1,831,058.39
B2	245,906.76	1,011,103.00	198,033.55	235,161.21	1,690,204.52
B3	213,723.16	508,805.00	189,655.20	126,368.48	1,038,551.84
B4	130,647.46	357,653.00	159,064.30	126,368.48	773,733.24
B5	111,720.92	366,772.00	198,475.95	126,368.48	803,337.35
B6	1,247,679.45	1,009,314.00	227,045.00	330,252.41	2,814,290.86
C	433,063.59	1,681,680.00	125,409.00	154,805.56	2,394,958.15
D & R	771,864.25	720,648.00	136,035.00	258,460.06	1,887,007.31
G	708,049.60	852,015.00	119,808.00	129,759.27	1,809,631.87
E	554,621.39	950,575.00	161,337.00	271,707.52	1,938,240.91
U1	1,035,500.06	2,049,280.00	188,280.00	871,514.76	4,144,574.82
S3.1	1,045,292.83	1,215,188.00	141,956.68	237,043.89	2,639,481.40
S3.1	2,899,908.94	1,215,188.00	146,126.68	237,043.89	4,498,267.51
S3.3	174,289.57	137,875.00	10,710.00	71,595.71	394,470.28
Y4	46,673.77	7,590.00	19,248.00	-	73,511.77
103	2,288.76	-	9,702.65	-	11,991.41
Civil Engineering Works					1,279,044.95
Sub-Total					32,430,937.94
Less: Materials on Site					1,125,491.74
Sub-Total					31,305,446.20
Add: Preliminaries 5%					1,565,272.31
Sub-Total					32,870,718.51
Add: Contingencies 10%					3,287,071.85
Sub-Total					36,157,790.36
Add: External Retention (ZENI)					3,286,054.39
Sub-Total					39,443,844.75
Add: VAT 14.5%					5,719,357.49
GRAND TOTAL					US\$45,163,202.23

**PSI MAZOWE PHASE 2
SUMMARY OF ESTIMATE COST FOR OUTSTANDING WORK**

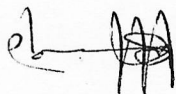
BUILDING TYPE	AREA m2	RATE (USD)	TOTAL COST(USD)
S0.10.10			
HH	31	550.00	17,050.00
Hospital and Associated ancillary buildings	33,528	1,034.90	34,698,192.32
F.Y3	4,965	1,034.90	5,138,288.14
H1	233	440.00	102,520.00
Search House	233	440.00	102,520.00
H2	233	440.00	102,520.00
Search House	233	440.00	102,520.00
I	509	440.00	223,960.00
Driving School	509	440.00	223,960.00
J1	388	715.00	277,420.00
Polytronic Shooting Range	388	715.00	277,420.00
J2	594	715.00	424,710.00
K,K,K,L	612	715.00	437,580.00
Armory Store, Ammunition Store, Weapons Workshop	612	715.00	437,580.00
M	4,540	1,034.90	4,698,454.82
Sports Complex	4,540	1,034.90	4,698,454.82
N4	2,484	825.00	2,049,300.00
Golf course club house	2,484	825.00	2,049,300.00
N2	310	550.00	170,500.00
Green Keeper's Compound	310	550.00	170,500.00
O	184	550.00	101,200.00
Stables	184	550.00	101,200.00
P	288	825.00	237,600.00
Department of works	288	825.00	237,600.00
Q1	103	825.00	84,975.00
Filling station	103	825.00	84,975.00
Q5	6,485	660.00	4,280,100.00
Mechanical Workshop, Yard	6,485	660.00	4,280,100.00
Q6-9	5,590	660.00	3,689,400.00
Mechanical Workshop, Yard	5,590	660.00	3,689,400.00
Q10	600	715.00	429,000.00
Central Stores	600	715.00	429,000.00
S1.1	1,357	880.00	1,194,160.00
Commandant's House	1,357	880.00	1,194,160.00
S1.2	897	880.00	789,360.00
Deputy Commandant's House	897	880.00	789,360.00
S1.3	885	880.00	778,800.00
Head of Dean's House	885	880.00	778,800.00
S1.4	798	770.00	614,460.00
Senior Staff House A1	798	770.00	614,460.00
S1.5	798	770.00	614,460.00
Senior Staff House A2	798	770.00	614,460.00
S1.6B	677	770.00	521,290.00
Senior Staff Housing B1	677	770.00	521,290.00
S1.7	677	770.00	521,290.00
Senior Staff Housing B2	677	770.00	521,290.00
S1.8-9	1,197	770.00	921,690.00
Senior Staff Housing (C1 & C2)	1,197	770.00	921,690.00
S2.1	7,939	742.50	5,894,707.50
Cluster House (A,B,C)	7,939	742.50	5,894,707.50
S3.2	1,475	935.00	1,379,125.00
Halls of Residence (Block B)	1,475	935.00	1,379,125.00
S5.1	1,047	770.00	806,190.00
Guest House	1,047	770.00	806,190.00
S5.2	449	770.00	345,730.00
Executive Guest Chalets	449	770.00	345,730.00
S5.3	358	605.00	216,590.00
Guest Chalets	358	605.00	216,590.00
S5.4	253	605.00	153,065.00
Guest Accomodation Support facility	253	605.00	153,065.00
S4.1	225	605.00	136,125.00
Farmworkers house FW1	225	605.00	136,125.00
S4.2	175	605.00	105,875.00
Farmworkers house FW2	175	605.00	105,875.00
S4.3	155	605.00	93,775.00
Farmworkers house FW3	155	605.00	93,775.00
T	798	605.00	482,790.00
Play centre	798	605.00	482,790.00
U2	385	1,034.90	398,437.25
Farm Compound Commercial Centre	385	1,034.90	398,437.25
V1	323	825.00	266,475.00
Lake Club House	323	825.00	266,475.00

V2	Senior Staff Sports Club	1,093	825.00	901,725.00
Y1	Main Gate Guard House	80	605.00	48,400.00
Y2	Gale Guard House	25	605.00	15,125.00
Z1	Ranger's House	64	605.00	38,720.00
Z2	Look out deck	35	605.00	21,175.00
	Civil Works (Roads, Sewer & Water Reticulation)			
	Electrical Reticulation			
	SUBTOTAL			
	Preliminaries			74,422,310.03
	External Reticulation (ZENT)			3,721,115.50
	SUBTOTAL			
	CONTINGENCIES @ 10%			78,143,425.53
				7,814,342.55
	GRAND TOTAL			USS\$85,957,768.09

Memo

BDAS

DDEF



28/04/2022

Date

From

To

Ref : PSI Mazoe – Cost Estimate for the Electrical Works.

The following are the cost estimates for the electrical works needed to be done at the Proposed PSI Mazoe in Mazoe.

Cost Estimates.

Bill 1 Transformers.

Item No.	Item Description.	Quantity.	Price per unit.	Subtotal.	USDS
1	Main Sub Station (2 x 5 MVA Txs)	1	5 200000	5 200000.00	
2	1600 KVA (indoor)	4	33745.86	134983.43	
3	1000 KVA (indoor)	2	18674.03	37348.07	
4	630 KVA (indoor)	3	15801.10	47403.31	
5	500 KVA (indoor/outdoor)	1	12132.60	12132.60	
6	315 KVA (5 outdoor + 1 indoor)	6	8397.79	50386.74	
7	250 KVA (4 outdoor + 1 indoor)	5	8397.79	41988.95	
8	30 KVA (1 outdoor)	1	2543.87	2543.87	
9	Ring Main Units – Various sizes.				
10	1600 KVA	4	33812.15	135248.62	
11	1000 KVA	2	18674.03	37348.07	
12	800 KVA	3	15801.10	47403.31	
13	500 KVA	1	12154.70	12154.70	
14	315 KVA	11	8397.79	92375.69	
15	Subtotal 1			5 851 317.36	
16	Add Contingency (10%)			585131.74	
17	Sub Total 2			6436449.10	
18	Add VAT (14.5%)			933 285.12	
19	Grand Total			7369734.22	

Bill 2 Buildings including Hospital buildings.

Item No.	Item Description.	Quantity.	Price per unit. US\$	Subtotal. US\$
1	Phase One Buildings	25	39000	975000
2	Phase Two Buildings	30	18000	540000
3	Hospital	1	690000	690000
4	HV Reticulation	1	200000	200000
5	MV Reticulation	1	129000	129000
6	Sub total			2 534 000
	Add Contingency (10%)			253 400
	Sub total			2 787 400
	Add VAT (14.5%)			404 173
7	Grand Total			3 191 573

Bill 3 Generators.

Item No.	Item Description.	Qty.	Price per unit. US\$	Subtotal. US\$
1	15 KVA (outdoor)	3	17479.56	52438.68
2	35 KVA (outdoor)	1	21919.89	21919.89
3	45 KVA (outdoor)	1	25692.27	25692.27
4	50 KVA (outdoor)	3	28664.09	85992.27
5	75 KVA (outdoor)	1	31634.25	31634.25
6	125 KVA (outdoor)	2	47751.38	95502.76
7	500 KVA (outdoor)	2	126276.80	252553.60
	Subtotal 01			565733.72
	Add Contingency (10%)			56573.37
13	Subtotal 02			622307.09
	Add VAT (14.5%)			93346.06
14	Grand Total			712 541.62

Bill 4 Various Equipment.

Item No.	Item Description.	Quantity.	Price per unit. US\$	Subtotal. US\$
1	Alarm System Design Equipment.	55	2000	110000.00
2	Communication Equipment.	10	15000	150000.00
3	Data Equipment.	25	8500	212500.00
4	Closed Circuit Television Surveillance, (CCTV)	30	11000	330000.00
5	UPS Sets - various sizes	13	450000	450000.00
6	Sub total			1252500.00
	Add Contingency (10%)			125250.00
	Sub total			1377750.00
	Add VAT (14.5%)			199 773.75
7	Grand Total			1 577 523.8

Bill No. 5 Summary

Bill 1	7 369 734.22
Bill 2	3 191 573.00
Bill 3	712 541.62
Bill 4	1 577 523.75
Sub Total	12 851 372.59
Grand Total	12 851 372.59

Recommended.
G. Manonose
Project Eng.

M. Sifeku.
CTE

S. M. Singo.
DDEF.
Cc; file.

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CIVIL ENGINEERING ESTIMATED COSTS

SEWER RETICULATION	US\$ 800,000.00
WATER RETICULATION	US\$ 616,555.00
ROAD AND STORM WATER	US\$ 2,000,000.00
TOTAL	<u>US\$ 3,416,555.00</u>