

**ZIMBABWE REVENUE AUTHORITY
COMMISSIONER GENERAL**

WRITE TO:
THE COMMISSIONER
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ZIMBABWE REVENUE
AUTHORITY
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CALL AT:
RECEPTION
6th FLOOR ZB CENTRE
CORNER KWAME
NKRUMAH AVE/ FIRST
STREET
HARARE

IN REPLY PLEASE QUOTE:
NCB22/2023

10 August 2023

To All Participating Bidders

ADDENDUM NO. 1 TO ZIMRA DOMESTIC TENDER NCB22/23 FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF SOLAR SYSTEMS AT ZIMRA NYAMAPANDA, MUKUMBURA, KANYEMBA, PLUMTREE, MPHOENG, MAITENGWE AND MASVINGO

Following compulsory site meetings held at the above-mentioned The Zimbabwe Revenue Authority (ZIMRA) stations, bidders must take note of the following changes:

1. TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEET

- Bidders must disregard the Technical Specifications and Compliance sheets in the Invitation to Tender Document for both lots and consider **Annexure A** for Technical Specification and Compliance Sheet for both lots.

2. STATEMENT OF REQUIREMENTS

- All bidders must disregard the Statement of Requirements in the Invitation to Tender Document for **Lot 2** and consider **Annexure B**

3. LITHIUM BATTERIES

- For Lithium Batteries, bidders may supply any size breakdown that will achieve the minimum equivalent capacity

NB: All other requirements will remain unchanged as per Standard Bidding Document

Thank you

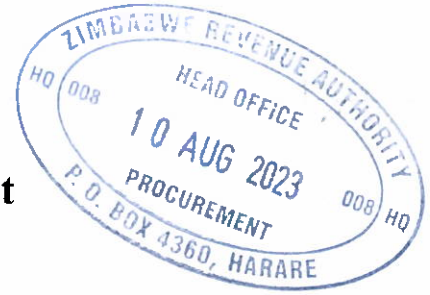


T. Shonhiwa
Director, Procurement Management Unit



ANNEXURE A TO NCB22-2023

Technical Specification and Compliance Sheet



Name of Bidder:

Bidder's Reference Number:

*The Goods and Related Services must comply with following Technical Specifications and Standards:
[Columns a and b are completed by the Procuring Entity. Column c must be completed by the Bidder to indicate the full specification of the items offered and their compliance with the specification required (in Column b)]*

LOT 1

Lot 1(a) ZIMRA NYAMAPANDA RESIDENCE 5KVA SYSTEM

NYAMAPANDA BORDER STAFF RESIDENCE	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS (COLUMN C)	Quantity	Compliant /Not Compliant
	a) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	b) Lithium Batteries	<ul style="list-style-type: none"> • 200AH Lithium Batteries 	2	
	c) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
	d) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	25mtrs	
	e) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	25mtrs	
	f) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	g) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
	h) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
	i) Lightning Protector	<ul style="list-style-type: none"> • SPD 500V 	1	
	j) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	
	k) DB	<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2 1	
	l) 6mm 4 Core flex cable	<ul style="list-style-type: none"> • 6mm 4 Core flex cable 	5	

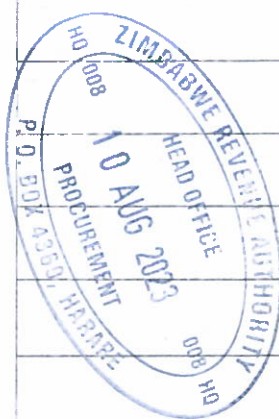
	m) Battery stand	If battery is not wall mountable	1	
	n) Solar rails	Galvanised solar rails 3 mtrs	4	
	o) Solar panel mounting	Anti theft solar clips	32	
	p) End clips	End clips	8	
	q) Trunking grey	40x40x2mtrs	3	
	r) Accessories	Bolts,nuts,fisher plugs, lugs etc		
	s) Warranty	One (1) Year	Inverter	
	t) Warranty	Two (2) Years	Batteries	
	u) Warranty	Twenty (20) Years	Solar panels	
	v) Load cable	6mm,4 core flex cable	40mtrs	
	w) Earth wire	10mm	35mtrs	
	x) Earth rod/clamp		1	



LOT 1 (b) ZIMRA NYAMAPANDA BORDER POST 5KVA SYSTEM

NYAMAPANDA BORDER POST	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant /Not Compliant
	y) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	z) Lithium Batteries	<ul style="list-style-type: none"> • 400AH Lithium Batteries 	2	
	aa) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	

	bb) DC 6mm PV cable Red single core	• DC 6mm PV cable Red single Core	50mtrs	
	cc) DC 6mm PV cable Black single core	• DC 6mm PV cable Black single core	50mtrs	
	dd) DC 25mm cable	• red	4mtrs	
	ee) DC25mm cable	• black	4mtrs	
	ff) Circuit Breaker Box	• DC disconnect 125A DC	1	
	gg) Lightning Protector	SPD 500V	1	
	hh) Change Over Switch	• 60 A 4pole	1	
	ii) DB	• 6 way surface, • DC breakers 100A • AC breakers double 30A	1 2 1	
	jj) 6mm 4 Core flex cable	• 6mm 4 Core flex cable	5	
	kk) Battery stand	If battery is not wall mountable	1	
	ll) Solar rails	Galvanised solar rails 3 mtrs	4	
	mm) Solar panel mounting	Anti theft solar clips	32	
	nn) End clips	End clips	8	
	oo) Trunking grey	40x40x2mtrs	3	
	pp) Accessories	Bolts,nuts,fisher plugs, lugs etc		
	qq) Warranty	One (1) Year	Inverter	
	rr) Warranty	Two (2) Years	Batteries	
	ss) Warranty	Twenty (20) Years	Solar panels	
	tt) Load cable	6mm,4 core flex cable	20mtrs	
	uu) Earth wire	10mm	35mtrs	
	vv) Earth rod/clamp		1	



Lot 1(c) ZIMRA NYAMAPANDA CUSTOMS HOUSE 5KVA SYSTEM

NYAMAPANDA CUSTOMS HOUSE	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant /Not Compliant
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ww) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
xx) Lithium Batteries	<ul style="list-style-type: none"> • 200AH Lithium Batteries 	2	
yy) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
zz) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	25mtrs	
aaa) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	25mtrs	
bbb) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
ccc) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
ddd) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
eee) Lightning Protector	SPD 500V	1	
fff) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	
ggg) DB	<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2 1	
hhh) 6mm 4 Core flex cable	<ul style="list-style-type: none"> • 6mm 4 Core flex cable 	5	
iii) Battery stand	If battery is not wall mountable	1	
jjj) Solar rails	Galvanised solar rails 3 mtrs	4	
kkk) Solar panel mounting	Anti theft solar clips	32	
lll) End clips	End clips	8	
mmm) Trunking grey	40x40x2mtrs	3	
nnn) Accessories	Bolts,nuts,fisher plugs, lugs etc		
ooo) Warranty	One (1) Year	Inverter	
ppp) Warranty	Two (2) Years	Batteries	



qqq) Warranty	Twenty (20) Years	Solar panels	
rrr) Load cable	6mm,4 core flex cable	20 mtrs	
sss) Earth wire	10mm	35 mtrs	
ttt) Earth rod/clamp		1	



Lot 1(d) ZIMRA KANYEMBA RESIDENCE 5KVA SYSTEM

KANYEMBA BORDER STAFF RESIDENCE	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant /Not Compliant
	uuu) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	vvv) Lithium Batteries	<ul style="list-style-type: none"> • 200AH Lithium Batteries 	2	
	www) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
	xxx) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	40mtrs	
	yyy) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	40 mtrs	
	zzz) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	aaaa) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
	bbbb) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
	cccc) Lightning Protector	SPD 500V	1	
	dddd) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	
	eeee) DB	<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2	

			1	
	ffff) 6mm 4 Core flex cable	• 6mm 4 Core flex cable	5	
	gggg) Battery stand	If battery is not wall mountable	1	
	hhhh) Solar rails	Galvanised solar rails 3 mtrs	4	
	iiii) Solar panel mounting	Anti theft solar clips	32	
	jjjj) End clips	End clips	8	
	kkkk) Trunking grey	40x40x2mtrs	3	
	llll) Accessories	Bolts,nuts,fisher plugs, lugs etc		
	mmmm) Warranty	One (1) Year	Inverter	
	nnnn) Warranty	Two (2) Years	Batteries	
	oooo) Warranty	Twenty (20) Years	Solar panels	
	pppp) Load cable	6mm,4 core flex cable	40 mtrs	
	qqqq) Earth wire	10mm	35m	
	rrrr) Earth rod/clamp		1	

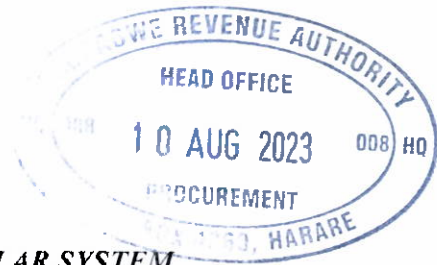


LOT 1 (e) ZIMRA KANYEMBA BORDER POST 5KVA SYSTEM

KANYEMBA BORDER POST	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant /Not Compliant
	ssss) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	tttt)Lithium Batteries	<ul style="list-style-type: none"> • 400AH Lithium Batteries 	2	

uuuu) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
vvvv) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	25mtrs	
wwww) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	25mtrs	
xxxx) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
yyyy) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
zzzz) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
aaaa) Lightning Protector	SPD 500V	1	
bbbb) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	
cccc) DB	<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2 1	
dddd) 6mm 4 Core flex cable	<ul style="list-style-type: none"> • 6mm 4 Core flex cable 	5	
eeee) Battery stand	If battery is not wall mountable	1	
ffff) Solar rails	Galvanised solar rails 3 mtrs	4	
gggg) Solar panel mounting	Anti theft solar clips	32	
hhhh) End clips	End clips	8	
iiii) Trunking grey	40x40x2mtrs	3	
jjjj) Accessories	Bolts,nuts,fisher plugs, lugs etc		
kkkk) Warranty	One (1) Year	Inverter	
llll) Warranty	Two (2) Years	Batteries	
mmmm) Warranty	Twenty (20) Years	Solar panels	
nnnn) Load cable	6mm.4 core flex cable	20 mtrs	
oooo) Earth wire	10mm	35mtrs	
pppp) Earth rod/clamp		1	





LOT 1(f) ZIMRA MUKUMBURA RESIDENCE 5KVA SOLAR SYSTEM

MUKUMBURA BORDER STAFF RESIDENCE	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/ Not Compliant
	qqqqq) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	rrrrr) Lithium Batteries	<ul style="list-style-type: none"> • 200AH Lithium Batteries 	2	
	sssss) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
	ttttt) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	25mtrs	
	uuuuu) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	25mtrs	
	vvvvv) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	wwwww) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
	xxxxx) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
	yyyyy) Lightning Protector	<ul style="list-style-type: none"> • SPD 500V 	1	
	zzzzz) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	
	aaaaa)DB	<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2 1	
	bbbbbb) 6mm 4 Core flex cable	<ul style="list-style-type: none"> • 6mm 4 Core flex cable 	5	
	cccccc)Battery stand	If battery is not wall mountable	1	
	dddddd) Solar rails	Galvanised solar rails 3 mtrs	4	
	eeeeee)Solar panel mounting	Anti theft solar clips	32	



ffffff)	End clips	End clips	8	
gggggg)	Trunking grey	40x40x2mtrs	3	
hhhhhh)	Accessories	Bolts,nuts,fisher plugs, lugs etc		
iiiiii)	Warranty	One (1) Year	Inverter	
jjjjjj)	Warranty	Two (2) Years	Batteries	
kkkkkk)	Warranty	Twenty (20) Years	Solar panels	
llllll)	Load cable	6mm,4 core flex cable	20 mtrs	
mmmmmm)	Earth wire	10mm	35 mtrs	
nnnnnn)	Earth rod/clamp		1	

LOT 1(g) ZIMRA MUKUMBURA BORDER 5KVA SOLAR SYSTEM

KANYEMBA A BORDER POST	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/ Not Compliant
	oooooo) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	pppppp) Lithium Batteries	<ul style="list-style-type: none"> • 400AH Lithium Batteries 	2	
	qqqqqq) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
	rrrrrr) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	25mtrs	
	ssssss) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	25mtrs	
	tttttt) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	uuuuuu) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	



vvvvvv)	Circuit Breaker Box	• DC disconnect 125A DC	1	
wwwwww)	Lightning Protector	SPD 500V	1	
xxxxxx)	Change Over Switch	• 60 A 4pole	1	
yyyyyy)	DB	• 6 way surface, • DC breakers 100A • AC breakers double 30A	1 2 1	
zzzzzz)	6mm 4 Core flex cable	• 6mm 4 Core flex cable	5	
aaaaaa)	Battery stand	If battery is not wall mountable	1	
bbbbbb)	Solar rails	Galvanised solar rails 3 mtrs	4	
cccccc)	Solar panel mounting	Anti theft solar clips	32	
dddddd)	End clips	End clips	8	
eeeeee)	Trunking grey	40x40x2mtrs	3	
ffffff)	Accessories	Bolts,nuts,fisher plugs, lugs etc		
gggggg)	Warranty	One (1) Year	Inverter	
hhhhhh)	Warranty	Two (2) Years	Batteries	
iiiiii)	Warranty	Twenty (20) Years	Solar panels	
jjjjjj)	Load cable	6mm, core flex cable	60 mtrs	
kkkkkk)	Earth wire	10mm	50 mtrs	
llllll)	Earth rod/clamp		1	



Technical Specification and Compliance Sheet

Name of Bidder:

Bidder's Reference Number:

*The Goods and Related Services must comply with following Technical Specifications and Standards:
[Columns a and b are completed by the Procuring Entity. Column c must be completed by the Bidder to indicate the full specification of the items offered and their compliance with the specification required (in Column b)]*

LOT 2

LOT 2 (a) PLUMTREE MAIN STATE WAREHOUSE 5KVA SYSTEM

PLUMTREE MAIN STATE WAREHOUSE	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS (COLUMN C)	Quantity	Compliant/Not Compliant
	mmmmmm) Inverter	<ul style="list-style-type: none"> 5KW Inverter 48V MPPT all in one Including charge control function Remote monitoring 	1	
	nnnnnn) Lithium Batteries	<ul style="list-style-type: none"> 400AH Lithium Batteries 	2	
	oooooo) Solar Panels	<ul style="list-style-type: none"> 540W Mono 	8	
	pppppp) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> DC 6mm PV cable Red single Core 	35	
	qqqqqq) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> DC 6mm PV cable Black single core 	35	
	rrrrrr) DC 25mm cable	<ul style="list-style-type: none"> red 	4mtrs	
	ssssss) DC25mm cable	<ul style="list-style-type: none"> black 	4mtrs	
	tttttt) Circuit Breaker Box	<ul style="list-style-type: none"> DC disconnect 125A DC 	1	
	uuuuuu) Lightning Protector	<ul style="list-style-type: none"> SPD 500V 	1	
	vvvvvv) Change Over Switch	<ul style="list-style-type: none"> 60 A 4pole 	1	
	wwwwww) DB	<ul style="list-style-type: none"> 6 way surface, DC breakers 100A 	1 2	



		• AC breakers double 30A	1	
xxxxxxx)	Battery stand	If battery is not wall mountable	1	
yyyyyyy)	Solar rails	Galvanised solar rails 3 mtrs	4	
zzzzzzz)	Solar panel mounting	Anti theft solar clips	32	
aaaaaaaa)	End clips	End clips	8	
bbbbbbbb)	Trunking grey	40x40	5 mtrs	
ccccccc)	conduit	25mm pvc conduit	35 mtrs	
ddddddd)	Accessories	Bolts,nuts,fisher plugs, lugs etc		
eeeeeee)	Warranty	One (1) Year	Inverter	
fffffff)	Warranty	Two (2) Years	Batteries	
ggggggg)	Warranty	Twenty (20) Years	Solar panels	
hhhhhhh)				
iiiiiii)	Load cable	4mm,3 core flex cable	12 mtrs	
jjjjjjj)	Earth wire	10mm	35 mtrs	
kkkkkkk)	Earth rod/clamp		1	

LOT 2 (b) PLUMTREE OFFICES 5KVA SYSTEM

PLUMTREE OFFICES	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/ Not Compliant
	lllllll) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	



	mmmmmmmm) Lithium Batteries	• 400AH Lithium Batteries	2	
	nnnnnnnn) Solar Panels	• 540W • Mono	8	
	oooooo) DC 6mm PV cable Red single core	• DC 6mm PV cable Red single Core	70 mtrs	
	pppppppp) DC 6mm PV cable Black single core	• DC 6mm PV cable Black single core	70 mtrs	
	qqqqqqqq) DC 25mm cable	• red	4mtrs	
	rrrrrrr)DC25mm cable	• black	4mtrs	
	sssssss) Circuit Breaker Box	• DC disconnect 125A DC	1	
	ttttttt) Lightning Protector	SPD 500V	1	
	uuuuuuuu) Change Over Switch	• 60 A 4pole	1	
	vvvvvvvv) DB	• 6 way surface, • DC breakers 100A • AC breakers double 30A	1 2 1	
	wwwwwww) 4mm 3 core flex	• 4mm 3 core flex	10mtrs	
	xxxxxxx) Battery stand	If battery is not wall mountable	1	
	yyyyyyyy) Solar rails	Galvanised solar rails 3 mtrs	4	
	zzzzzzzz) Solar panel mounting	Anti theft solar clips	32	
	aaaaaaaa) End clips	End clips	8	
	bbbbbbbbb) Trunking grey	40x40x2mtrs	3	
	cccccccc) Accessories	Bolts,nuts,fisher plugs, lugs etc		
	dddddddd) Warranty	One (1) Year	Inverter	
	eeeeeeee) Warranty	Two (2) Years	Batteries	



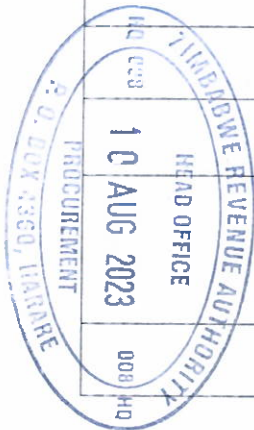
ffffff) Warranty	Twenty (20) Years	Solar panels	
gggggggg)			
hhhhhhhh) Load cable	4mm,3 core flex cable	10mtrs	
iiiiiiii) Earth wire	10mm	70 mtrs	
jjjjjjjj) Earth rod/clamp		1	

LOT 2 (c) PLUMTREE BORDER POST EXIT BOOM GATE 3KVA SYSTEM

EXIT BOOM GATE SOLAR SYSTEM PLUMTREE BORDER POST	3KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant /Not Compliant
	kkkkkkkk) Inverter	<ul style="list-style-type: none"> • 3KW Inverter • 24V MPPT all in one • Including charge control function • Remote monitoring 	1	
	llllllll) Lithium Batteries	<ul style="list-style-type: none"> • 100AH Lithium Batteries 	2	
	mmmmmmmm) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	4	
	nnnnnnnn) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	10 mtrs	
	oooooooo) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	10 mtrs	
	pppppppp) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	qqqqqqqq) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
	rrrrrrrr) Circuit Breaker	<ul style="list-style-type: none"> • DC disconnect 125A 	1	
	ssssssss) Lightning Protector	<ul style="list-style-type: none"> • SPD 500V 	1	
	tttttttt) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	
	uuuuuuuu) DB	<ul style="list-style-type: none"> • 6 way surface. • DC breakers 80A 	1 2	



		• AC breakers double 20A	1	
	vvvvvvvvv) 4mm 3 Core flex cable	• 4mm 3 Core flex cable	5mtrs	
	wwwwwwww) Battery stand	If battery is not wall mountable	1	
	xxxxxxxxx) Solar rails	Galvanised solar rails 3 mtrs	4	
	yyyyyyyyy) Solar panel mounting	Anti theft solar clips	16	
	zzzzzzzzz) End clips	End clips	4	
	aaaaaaaaa) Trunking grey	40x40	5 mtrs	
	bbbbbbbbbb) Accessories	Bolts,nuts,fisher plugs, lugs etc		
	ccccccccc) Warranty	One (1) Year	Inverter	
	dddddddddd) Warranty	Two (2) Years	Batteries	
	eeeeeeeeee) Warranty	Twenty (20) Years	Solar panels	
	fffffffffff) Load cable	4mm,3 core flex cable	5 mtrs	
	gggggggggg) Earth wire	10mm	10 mtrs	
	hhhhhhhhhh) Earth rod/clamp		1	
	iiiiiiiiiii) Solar Array stand Free standing	High end 2 mtrs Lower end 1.5 mtrs 40x40 galvanised angle iron	1	
	jjjjjjjjj)			



LOT 2 (d) PLUMTREE BORDER POST ENTRY BOOM GATE 5KVA SYSTEM

ENTRY BOOM GATE AND SEARCH BAY PLUMTREE BORDER POST	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/ Not Compliant
	kkkkkkkkkk) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	

lllllllll) Lithium Batteries	• 400AH Lithium Batteries	2	
mmmmmmmmmm) Solar Panels	• 540W • Mono	12	
nnnnnnnnnn) DC 6mm PV cable Red single core	• DC 6mm PV cable Red single Core	20	
oooooooooooo) DC 6mm PV cable Black single core	• DC 6mm PV cable Black single core	20	
ppppppppppp) DC 25mm cable	• red	4mtrs	
qqqqqqqqqq) DC25mm cable	• black	4mtrs	
rrrrrrrrrr) Circuit Breaker Box	• DC disconnect 125A DC	1	
ssssssssss) Lightning Protector	SPD 500V	1	
ttttttttt) Change Over Switch	• 60 A 4pole	1	
uuuuuuuuuu) DB	• 6 way surface, • DC breakers 100A • AC breakers double 30A	1 2 1	
vvvvvvvvvv) 4mm 3 Core flex cable	• 4mm 3 Core flex cable	30 MTRS	
wwwwwwwww) Battery stand	If battery is not wall mountable	1	
xxxxxxxxxxx) Solar rails	Galvanised solar rails 3 mtrs	4	
yyyyyyyyyyy) Solar panel mounting	Anti theft solar clips	32	
zzzzzzzzzz) End clips	End clips	8	
aaaaaaaaaaa) Trunking grey	40x40	15 mtrs	
bbbbbbbbbbb) Conduit	25mm pvc conduit	20 mtrs	
ccccccccc) Accessories	Bolts,nuts,fisher plugs, lugs etc		
ddddddddddd) Warranty	One (1) Year	Inverter	
eeeeeeeeeee) Warranty	Two (2) Years	Batteries	
fffffffffff) Warranty	Twenty (20) Years	Solar panels	



ggggggggggg)			
hhhhhhhhhhh) Load cable	4mm,3 core flex cable	30 mtrs	
iiiiiiiiiii) Earth wire	10mm	20 mtrs	
jjjjjjjjj) Earth rod/clamp		1	

LOT 2 (e) MPHOENG 5KVA SYSTEM

MPHOENG BORDER POST	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/ Not Compliant
	kkkkkkkkkkk) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	lllllllll) Lithium Batteries	<ul style="list-style-type: none"> • 400AH Lithium Batteries 	3	
	mmmmmmmmmm) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	12	
	nnnnnnnnnn) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	15	
	ooooooooo) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	15	
	pppppppppp) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	qqqqqqqqqq) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
	rrrrrrrrr) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
	sssssssss) Lightning Protector	<ul style="list-style-type: none"> • SPD 500V 	1	
	ttttttttt) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	



uuuuuuuuuu) DB		<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2 1	
vvvvvvvvvv) 4mm 3 Core flex cable		• 4mm 3 Core flex cable	30	
wwwwwwwww) Battery stand		If battery is not wall mountable	1	
xxxxxxxxxxx) Solar rails		Galvanised solar rails 3 mtrs	4	
yyyyyyyyyyy) Solar panel mounting		Anti theft solar clips	32	
zzzzzzzzzz) End clips		End clips	8	
aaaaaaaaaaa) Trunking grey		40x40	5 mtrs	
bbbbbbbbbbb) Accessories	Ac	Bolts,nuts,fisher plugs, lugs etc		
ccccccccc) Warranty		One (1) Year	Inverter	
ddddddddddd) Warranty	Wa	Two (2) Years	Batteries	
eeeeeeeeeee) Warranty		Twenty (20) Years	Solar panels	
fffffffffff)				
gggggggggg) Lead cable	Lo	4mm,3 core flex cable	30 mtrs	
hhhhhhhhh) Earth wire	Ear	10mm	30 mtrs	
iiiiiiiiiii) Earth rod/clamp			1	

LOT 2 (f) MAITENGWE 5KVA SYSTEM

MAITENGWE BORDER POST	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/Not Compliant
	jjjjjjjjj) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	



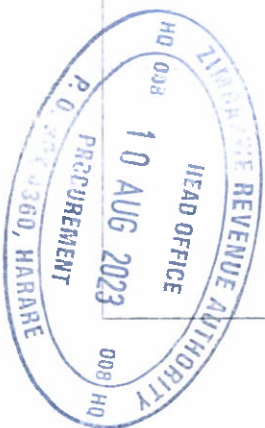
kkkkkkkkkkkkk)	Lithium Batteries	• 400AH Lithium Batteries	3	
lllllllllll)	Solar Panels	• 540W • Mono	12	
mmmmmmmmmmmm)	DC 6mm PV cable Red single core	• DC 6mm PV cable Red single Core	15	
nnnnnnnnnnnn)	DC 6mm PV cable Black single core	• DC 6mm PV cable Black single core	15	
oooooooooooo)	DC 25mm cable	• red	4mtrs	
pppppppppppp)	DC25mm cable	• black	4mtrs	
qqqqqqqqqqqq)	Circuit Breaker Box	• DC disconnect 125A DC	1	
rrrrrrrrrrr)	Lightning Protector	SPD 500V	1	
sssssssssss)	Change Over Switch	• 60 A 4pole	1	
ttttttttt)	DB	• 6 way surface, • DC breakers 100A • AC breakers double 30A	1 2 1	
uuuuuuuuuuuu)	4mm 3 Core flex cable	• 4mm 3 Core flex cable	30mtrs	
vvvvvvvvvvvv)	Battery stand	If battery is not wall mountable	1	
wwwwwwwwwww)	Solar rails	Galvanised solar rails 3 mtrs	4	
xxxxxxxxxxxxx)	Solar panel mounting	Anti theft solar clips	32	
yyyyyyyyyyyyy)	End clips	End clips	8	
zzzzzzzzzzz)	Trunking grey	40x40	5 mtrs	
aaaaaaaaaaaaa)	Accessories	Bolts,nuts.fisher plugs, lugs etc		
bbbbbbbbbbbbb)	Warranty	One (1) Year	Inverter	
cccccccccccc)	Warranty	Two (2) Years	Batteries	



dddddddddddddd)	Warranty	Twenty (20) Years	Solar panels	
eeeeeeeeeeeeee)				
ffffffffffffff)	Load cable	4mm,3 core flex cable	30 mtrs	
ggggggggggggggg)	Earth wire	10mm	20 mtrs	
hhhhhhhhhhhhh)	Earth rod/clamp		1	

LOT 2 (g) MASVINGO 5KVA SYSTEM

MASVINGO DPC	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/Not Compliant
iiiiiiiiiii)	Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
jjjjjjjjjjj)	Lithium Batteries	<ul style="list-style-type: none"> • 400AH Lithium Batteries 	3	
kkkkkkkkkkkkkk)	Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	12	
lllllllllll)	DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	70 mtrs	
mmmmmmmmmmmmmm)	DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	70 mtrs	
nnnnnnnnnnn)	DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	



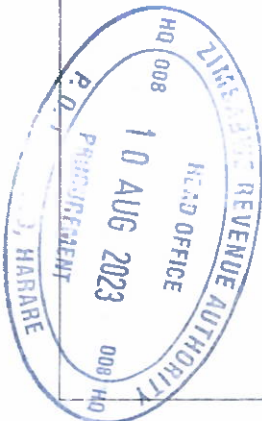
ooooooooooooo)	DC25mm cable	• black	4mtrs
ppppppppppppp)	Circuit Breaker Box	• DC disconnect 125A DC	1
qqqqqqqqqqqqq)	Lightning Protector	SPD 500V	1
rrrrrrrrrrrrr)	Change Over Switch	• 60 A 4pole	1
sssssssssssss)	DB	• 6 way surface, • DC breakers 100A • AC breakers double 30A	1 2 1
ttttttttttttt)	4mm 3 Core flex cable	• 4mm 3 Core flex cable	40
uuuuuuuuuuuuu)	Battery stand	If battery is not wall mountable	1
vvvvvvvvvvvvv)	Solar rails	Galvanised solar rails 3 mtrs	4
wwwwwwwwwwwww)	Solar panel mounting	Anti theft solar clips	32
xxxxxxxxxxxxxxx)	End clips	End clips	8
yyyyyyyyyyyyyyy)	Trunking grey	40x40	20 mtrs
zzzzzzzzzzzzz)	Accessories	Bolts,nuts,fisher plugs, lugs etc	
aaaaaaaaaaaaaaa)	Warranty	One (1) Year	Inverter
bbbbbbbbbbbbbbb)	Warranty	Two (2) Years	Batteries
ccccccccccccccc)	Warranty	Twenty (20) Years	Solar panels
ddddddddddddddd)			
eeeeeeeeeeeeeee)	Load cable	4mm,3 core flex cable	40 mtrs
fffffffffffffff)	Earth wire	10mm	20 mtrs
ggggggggggggggg)	Earth rod/clamp		1
hhhhhhhhhhhhhhh)	lighting kit	Copper lighting kit	2
iiiiiiiiiiiiiii)	Solar Array stand	7.2mtrs x 2 mtrs High side 1mtre Low side 0.3 mtrs 40x40 angle irons	2



		Frame to be painted white		
	jjjjjjjjjjjj) Stability for stand	Concrete blocks	12	
	kkkkkkkkkkkkkkk)			

LOT 2 (h) PLUMTREE STATE WAREHOUSE 2 (SCANNER GARAGE) 5KVA SYSTEM

STATE WAREHOUSE 2 (SCANNER GARAGE)	5KVA SOLAR SYSTEM	MINIMUM REQUIREMENTS	Quantity	Compliant/ Not Compliant
	llllllllllll) Inverter	<ul style="list-style-type: none"> • 5KW Inverter • 48V MPPT all in one • Including charge control function • Remote monitoring 	1	
	mmmmmmmmmmmmmm) Lithium Batteries	<ul style="list-style-type: none"> • 400AH Lithium Batteries 	2	
	nnnnnnnnnnnnn) Solar Panels	<ul style="list-style-type: none"> • 540W • Mono 	8	
	ooooooooooooo) DC 6mm PV cable Red single core	<ul style="list-style-type: none"> • DC 6mm PV cable Red single Core 	50 mtrs	
	pppppppppppppp) DC 6mm PV cable Black single core	<ul style="list-style-type: none"> • DC 6mm PV cable Black single core 	50 mtrs	
	qqqqqqqqqqqqq) DC 25mm cable	<ul style="list-style-type: none"> • red 	4mtrs	
	rrrrrrrrrrrrr) DC25mm cable	<ul style="list-style-type: none"> • black 	4mtrs	
	sssssssssssss) Circuit Breaker Box	<ul style="list-style-type: none"> • DC disconnect 125A DC 	1	
	ttttttttttttt) Lightning Protector	<ul style="list-style-type: none"> • SPD 500V 	1	
	uuuuuuuuuuuuuu) Change Over Switch	<ul style="list-style-type: none"> • 60 A 4pole 	1	



vvvvvvvvvvvvvvv)	DB	<ul style="list-style-type: none"> • 6 way surface, • DC breakers 100A • AC breakers double 30A 	1 2 1	
wwwwwwwwwwwwwwv)	4m m 3 Core flex cable	• 4mm 3 Core flex cable	20	
xxxxxxxxxxxxxxxxx)	Battery stand	If battery is not wall mountable	1	
yyyyyyyyyyyyyyy)	Solar rails	Galvanised solar rails 3 mtrs	4	
zzzzzzzzzzzzzzz)	Solar panel mounting	Anti theft solar clips	32	
aaaaaaaaaaaaaaaaa)	End clips	End clips	8	
bbbbbbbbbbbbbbbbb)	Trunking grey	40x40x2mtrs	3	
ccccccccccccccc)	Accessories	Bolts,nuts,fisher plugs, lugs etc		
ddddddddddddddd)	Warranty	One (1) Year	Inverter	
eeeeeeeeeeeeeee)	Warranty	Two (2) Years	Batteries	
fffffffffffffff)	Warranty	Twenty (20) Years	Solar panels	
ggggggggggggggg)				
hhhhhhhhhhhhhhh)	Load cable	4mm.3 core flex cable	20mtrs	
iiiiiiiiiiiiiii)	Earth wire	10mm	20 mtrs	
jjjjjjjjjjjjj)	Earth rod/clamp		1	
kkkkkkkkkkkkkkk)	Solar array stand	Low end 2.5mtrs High end 3 mtrs Round poles 76mm Angle iron Structure painted white	1	



ANNEXURE B TO NCB22-2023

PART 2: STATEMENT OF REQUIREMENTS

Name of Bidder:

Bidder's Reference Number:

List of Goods and Price Schedule

Currency of Bid: ...US\$.....

BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF SOLAR SYSTEMS AT ZIMRA PLUMTREE, MPHONGS AND MASVINGO

PROCUREMENT REFERENCE NO: DOMESTIC TENDER ZIMRA NCB 22/2023

Lot No	Description of Goods	Quantity ²	Unit Price ³ US\$	Total Price ⁴ US\$
			[to be provided by the Bidder]	[to be provided by the Bidder]
Lot 2	Supply , Delivery, Installation and Commissioning of Solar Systems at ZIMRA Plumtree , Mphoengs, Maitengwe and Masvingo			
	(Include all other costs up to commissioning)			
	a) Plumtree Main State Warehouse 5KVA	1		
	b) Plumtree Offices 5KVA	1		
	c) Plumtree Entry Boom Gate 5KVA	1		
	d) Plumtree Exit Boom Gate 3KVA	1		
	e) Mphoengs 5KVA	1		
	f) Maitengwe 5KVA	1		
	g) Masvingo 5KVA	1		
	h) Plumtree State Warehouse 2 5KVA	1		
	SUB-TOTAL			
	VAT 15%			
	TOTAL			

