

TO: Rockside Residence
Cc: Rockside Residence Association Committee
Supervisory Committee File
From: ZESA Project Supervisory Committee
Date: August 26, 2022
Subject: Report on the Evaluation of the ZESA project Contractors

1.0 BACKGROUND

The Rockside Development Committee embarked on a project for installation of electricity within the Rockside Community. A number of initiatives were carried out with the milestones as below:

- ✓ Registration of the association with the Deeds Office
- ✓ Successful engagement with ZESA and came up with a Memorandum of Understanding (MOU)
- ✓ Purchase of 60 poles
- ✓ Evaluation and screening of ZESA implementation contractors to remain with only two (2)

After remaining with two (2) contractors, the Residence Association presented to the residence this position and it was after lengthy discussions in the ZESA group that it was decided to come up with the Supervisory Committee.

2.0 RESPONSIBILITIES OF THE COMMITTEE

The mandate of the Committee is premised on the deliberations that were done in the main ZESA updates group in which the residence could not agree on which contractor to engage between Badore and Push Forward Investments (who will be referred herein as PFI). The Committee's mandate is therefore to:

- a) Establish the quality of product by each of the two contractors
- b) To review the authenticity of the suppliers
- c) To establish what is covered by the charges of each contractor
- d) To look at the charging structures
- e) To review the payment terms
- f) Draw up recommendations regarding the most economically advantageous contractor

3.0 LIST OF CONTRACTORS

NO.	CONTRACTOR
1	Badore Trading Pvt Ltd (Badore)
2	Push Forward Investments (PFI)

4.0 EVALUATION METHODOLOGY

Contractor's proposals were evaluated using the following methodology:

1. Preliminary examination to confirm that all documents required have been provided.
2. Technical evaluation to evaluate evidence provided in regard to compliance with technical requirements.
3. Financial evaluation and comparison to determine lowest provider of service in relation to required quality.

To achieve the above objectives, the Committee conducted some surveys and gathered evidence from various sources as below:

a) Administrative evaluation

- Review of submissions by the Rockside Residence Association Secretariat
- Review of submissions by the Rockside Residence Association Treasurer
- Review of submissions by the Residence where electricity was installed
- Review of documentation from Badore and PFI i.e quotations, company profiles etc.
- Interviews with PFI and Badore representatives

b) Commercial evaluation

- Review of documentation from PFI i.e quotations, company profiles etc.
- Making comparisons of information provided by Badore and PFI

c) Technical evaluation

- Site visits of where PFI and Badore carried out some work
- Interviews with PFI and Badore references

- Making comparisons of what to be offered as informed by quotations

A) ADMINISTRATIVE EVALUATION

ADMINISTRATIVE REQUIREMENT	BADORE	PFI
Quotations	Submitted	Submitted
Company Profile	Submitted	Submitted
Site References	Submitted	Submitted
Payment Terms	Stage Payment	Stage Payment
A copy of CR14, CR6 and a certificate of incorporation or equivalent documents	Submitted	Submitted
Registration with ZETDC	Yes	Yes
Payment for Empty Stands	Residence to meet Cost	Contractor to meet cost & recover
Qualified Artisans	Yes	Yes
Professional Membership	Yes	Yes
Timelines	3 Months	3 Months
Warranty	One year	Compliant

B) TECHNICAL AND COMMERCIAL EVALUATION

- To be able to evaluate the requirements, the Committee analyzed the bill of quantities that was provided by ZESA against the quotation against the quotations that were provided by the contractors **(Annexure A)**.
- We also visited the sites where both contractors did some installations in order to assess the quality of work by the contractors.

ZETDC – BILL OF QUANTITIES

NOTES

1. Total number of stands is 866.
2. Supplying feeder is CB 39 P.E. dam.
3. CB 39 P.E. dam is rated at 220A.
4. Installed capacity is 6.2 MVA.
5. There is need to construct 2 x 11kV feeders from Hopley control (proposed) to care for the growing load in Stoneridge.

MV MATERIALS

QTY	MATERIAL
200	poles special R.C. 8,5m
138	poles standard R.C. 8,5m
316	stays MV complete
2360	insulators MV
2360	bolt & nuts M16 x 280mm
27720m	conductor HDA 100mm ²
300m	cable PVC SWA Cu 4c 185mm ²
9	terminations OHL to cable 185mm ² c
5	terminations onto OHL cable 185mm ²

HV MATERIALS

QTY	MATERIAL
15,12km	conductor SCA 100mm ²
5,04km	earth wire
40	poles special straight R.C. 12,2m
14	poles special X-arm R.C. 12,2m
30	poles standard X-arm R.C. 12,2m
43	fittings intermediate pin ass. 11kV
34	fittings terminal 11kV (100mm ² SCA)
10	transformers 315 kVA 11/0,4kV
10	earthing PMT S/S
10	cabling PMT HV & MV (150-300kVA)
30	fuse element 20A (J & P) for 'D' fuse
38	stays HV complete
10	structures PMT 11/0,4kV
6	fittings intermediate tee-off pin ass.
8	fittings strain ass. 11kV up to 100mm conductor
3	isolator gang switch
3	isolator gang switch

LEGEND

--- PROPOSED 11kV OHL 3w SCA 100mm²
 --- EXISTING 11kV OHL 3w SCA 100mm²

EVALUATION REPORT

MATERIAL	QUANTITY	BADORE	PFI
BILL OF QUANTITIES AS PRESCRIBED BY ZETDC			
MV MATERIALS			
Poles special R.C 8.5m	200	40,000.00	26,000.00
Poles standard R.C 8.5m	138	24,840.00	19,320.00
stays MV complete	316	7,928.00	4,140.00
Insulators MV	2360	11,800.00	Not Quoted
bolts and nuts M16*280mm	2360	9,440.00	5,900.00
Conductor HDA 100MM2	27720M	52,668.00	48,510.00
Cable PVC SWA Cu 4c 185mm2	300M	52,500.00	51,000.00
Terminations OHL to cable 185mm24c	9	4,797.00	Not Quoted
Terminations onto OHL cable 185mm2	5	2,665.00	Not Quoted
HV MATERIALS			
Conductor SCA 100mm2	15.12kM	33,264.00	Not Quoted
Earth wire	5.04kM	7,506.00	Not Quoted
Poles special straight R.C 12.2mm	40	21,600.00	16,000.00
Poles special straight X-arm R.C 12.2m	14	8,120.00	5,740.00
Poles standard X-arm R.C 12.2m	30	16,800.00	11,850.00
Fittings intermediate pin ass.11kV	43	1,075.00	Not Quoted
Fittings terminal 11kV(100mm2SCA	34	680.00	Not Quoted
Transformers 315kVA 11/0.4kV	10	105,000.00	95,000.00
Earthing PMT S/S	10	630.00	Not Quoted
Cabling PMT HV& MV(150-300kVA)	10	1,850.00	Not Quoted
Fuse element 20A (J&P) for 'D' fuse	30	600.00	Not Quoted

Stays HV complete	38	1,710.00	Not Quoted
Structures PMT 11/0.4kV	10	4,000.00	Not Quoted
Fittings intermediate tee-off pin ass.11kV		120.00	Not Quoted
Fittings intermediate tee-off pin	8	Not Quoted	Not Quoted
Fittings staright ass 11kV up to 100mm conductor	8	160.00	Not Quoted
Isolator gang switch	3	Not Quoted	Not Quoted
MATERIALS NOT PRESCRIBED BY ZETDC			
Other Items not specified by ZESA		31,863.00	12,000.00
Labour		112,575.75	89,432.00
Stay insulator MV	316	1,580.00	828.00
Stay Wire MV	3476m	7,110.00	1,821.60
TOTALS		562,881.75	387,541.60

5.0 EVALUATION

- Badore total costs amounted to US\$562,881.75
- PFI costs amounted to US\$387,541.60
- The amounts include the provision of transformers at costs of US\$105,000.00 and US\$95,000.00 respectively.

6.0 CONTRACTOR'S WORK EVALUATION

The committee visited sites where the contractors did some work. The following sites were visited:

- ✓ N' Extension – Chitungwiza (PFI)
- ✓ Glaudina – (PFI)
- ✓ Fidelity – (Badore)
- ✓ Ishewekunze (Badore)

BADORE – PICTURES OF WORK CARRIED OUT





PFI – PICTURES OF WORK CARRIED OUT





7.0 FINDINGS

After careful deliberations, site visits, discussions with Badore and PFI and review of documentation supplied, the Committee recommend noted the following:

- ✓ Badore total costs amounted to **US\$562,881.75**. This translates to **US\$649.98** per household if all the stands were occupied. At the current level of occupancy Badore requires that they get the full amount from the current residence which translate to **US\$994.49** per household assuming occupancy of 566 stands.
- ✓ PFI costs amounted to **US\$387,541.60**. Payments translate to **US\$447.51** per household. The contractor is willing to shoulder the cost for those units which are not yet occupied and recover such costs from the prospective residence when they come.
- ✓ The quoted amounts include the provision of transformers at costs of US\$105,000.00 (Badore) and US\$95,000.00 (PFI) respectively.
- ✓ Badore did some installations using concrete poles both in Ushewokunze and Fidelity
- ✓ PFI did some installations in Chitungwiza and Glaudina. The Chitungwiza projected was done using wooden poles and that in Glaudina was done using concrete poles.
- ✓ The installation work by PFI when they installed electricity in Chitungwiza was done about 10 years ago when wooden poles were not an issue.
- ✓ From discussions that we conducted with the residence of the areas visited, the indication of the amounts they paid for them to be connected is around US\$300 per household.
- ✓ For the items that were not quoted by the suppliers, they indicated that the quotes are correct as is and the quotes were informed by inspections done in our area. The nitty gritty will be dealt with in the contract at the quoted prices.
- ✓ Both the contractors need three (3) months to complete the installation if funds are available
- ✓ PFI committed to start work immediately if appointed firstly with the installation of the 60 poles while the residence put together resources which are already there.

8.0 RECOMMENDED BY SUPERVISORY COMMITTEE

After the said considerations and the findings, the committee therefore recommend that the cheapest contractor be contracted, and all the other requirements be dealt with in the contract.

Signed:

T. Mapfudza _____

Committee Member

Date

E. Black _____

Committee Member

Date

W. Manjemu _____

Committee Member

Date

S. Taona _____

Committee Member

Date