

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES



PROCUREMENT REFERENCE NUMBER: ZPC/HO/ DOM 33/2025
**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

Site Visit Date	: 05 June 2025
Site Visit time	: 10:00 hours
Site Visit Location	: Kariba South Power Station
Closing Date	: 24 June 2025
Closing Time	: 17:00 hours

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274, MT PLEASANT, HARARE
TEL 0242 258 407/415 FAX 0242 205193

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

**Bidding Document for the
Procurement of:**

**Design, Manufacture Supply and Delivery of
Three Phase Common Services Transformers at
Kariba South Power Station**

Procurement Reference No:

ZPC/HO/ DOM 33/2025

Procuring Entity:

Zimbabwe Power Company

Date of Issue:

13 May 2025

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274, MT PLEASANT, HARARE
TEL 0242 250 407/8/9 FAX 0242 705193

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

Table of Contents

Part 1: Bidding Procedures

Part 2: Statement of Requirements

Part 3: Contract

ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274, MT PLEASANT, HARARE
TEL 0242 250 407/8/9 FAX: 0242 705193

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

PART 1: BIDDING PROCEDURES

References:

References to the Act are to the Public Procurement and Disposal of Public Assets Act [Chapter 22:23] and references to the Regulations are to the Public Procurement and Disposal of Public Assets (General) Regulations (Statutory Instrument No. 5 of 2018). The terms and requirements in the Act and Regulations govern the submission of Bids and should be read by all Bidders.

Procurement Reference Number: ZPC/HO/ DOM 33/2025

Preparation of Bids

You are requested to bid for the supply of the goods specified in the Statement of Requirements below, by completing and returning the following documentation and providing the requested documents:

1. The Bid Submission Sheet in this Part (bidding procedures);
2. The Statement of Requirements in Part 2;
3. Bidders must complete all schedules without fail for them to be eligible;
4. Completed delivery schedule as specified in Part 2 of the tender document
5. A copy of every document necessary to demonstrate eligibility in terms of section 28 (1) of the Regulations;
6. For Bidders to bid for this work, there shall be a **COMPULSORY SITE VISIT** to look at the existing site conditions and get any necessary information that might assist them in their bids. Bidders must attach a site visit certificate which will be issued out on the date of site visit.
7. A signed **Bid Securing Declaration form** found in this document under Part 3 of the contract.
8. Minimum of three (3) **reference letters from different customers** from the Bidder or Original Equipment Manufacturer for the successful design, supply and delivery and installation of **transformers**.

NOTE: Zimbabwe Power Company is certified in the following standards; ISO 9001:2015; ISO 14001:2015 and OHSAS 18001:2007. Please note that preference will be given to firms certified in the above standards or equivalent. The percentage of preference to be given to ISO certified firms is 2½ %.

The following documents are also required:

1. A copy of CR 14 (List of Directors) or equivalent.
2. Copy CR6 (Company Address)
3. Copy Certificate of Incorporation
4. A valid tax clearance certificate (ITF263)
5. A copy of your company profile
6. A valid NSSA compliance certificate indicating fulfilment of NSSA social security contributions.
7. Supplier Registration Certificate with the Procurement Regulatory Authority of Zimbabwe under the relevant category for the year 2025;
8. Product Data Sheets

You are advised to carefully read the complete Bidding Document, as well as the General Conditions of Contract which are available on the Authority's website, before preparing your Bid. **Part 3: Contract is provided not for completion at this stage but to enable Bidders to note the Contract terms they will enter into if their Bid is successful.**

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

The standard forms in this document may be retyped for completion but the Bidder is responsible for their accurate reproduction. All pages of the Bid must be clearly marked with the Procurement Reference Number above and the Bidder's name and any reference number.

Number of bids allowed

No Bidder may submit more than one bid, either individually or as a joint venture partner in another Bid, except as a subcontractor. Where the procurement is divided into lots and packages, only one Bid can be submitted. A conflict of interest will be deemed to arise if bids are received from more than one Bidder owned, directly or indirectly, by the same person.

Clarification

Clarification of the bidding document may be requested in writing by any Bidder before **13 June 2025** and should be sent to:

**The Accounting Officer
Zimbabwe Power Company (ZPC)
12th Floor Megawatt House
44 Samora Machel Avenue
Harare**

**Or Email: ckadembo@zpc.co.zw ; nndlovu@zpc.co.zw; fchoga@zpc.co.zw;
supplychain@zpc.co.zw**

Bidders should ensure that they receive acknowledgement of the requests for clarification sent.

Pre-bid meeting

This procurement requires a pre-bid meeting which will be held on **05 June 2025** at **ZPC Kariba South Power Station, Zimbabwe**.

The Bidders, at their own's responsibility and risk, are advised to visit and examine the Site of Works and its surroundings and obtain for itself all information that may be necessary for preparing the Tender and entering into a contract. Attendance of Site Visit is compulsory. The costs of visiting the Site shall be at the Bidder's own expense. The Bidder and any of its personnel or agents will be granted permission by the Employer to enter the premises and lands for the purpose of such inspection, but only upon the express condition that the prospective Bidder, its personnel or agents, will release and indemnify the Employer and its personnel and agents from and against all liability and will be responsible for personnel injury (whether fatal or otherwise), loss or damage to property and any other loss, damage, costs and expenses however caused, which but for the exercise of such permission would not have arisen.

The Procuring Entity may conduct a second site visit and a pre-bid meeting whose purpose shall be to clarify issues and to answer questions on any matter that may be raised at that stage. The second site visit may be optional and is limited to only those Bidders that participated on the first site visit.

Prospective Bidders must submit to the Procuring Entity names of personnel who will participate in the site visit, copy of passport page with personal details for foreigners, and a list of names and National ID numbers for locals which should be forwarded to the Employer for Government security clearance two weeks in advance of the site visit date. It is required that Bidders send in the right person of adequate knowledge to derive value from the site visit.

Minutes of the pre-bid meeting, including the text of the questions raised and the responses given together with any responses prepared after the pre-bid/Site visit meeting will be sent to bidders within

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

three (3) working days. Bidders who attend the Pre-Bid meeting or Site Visit will be furnished with a Site Visit certificate which shall be attached to the technical envelope by the bidder without fail.

Bidders are required to bring full Personal Protective Clothing including but not limited to the following: Hard Hat, Work Suit, Safety Shoes, Goggles and Dust masks. ZPC will not allow any bidder into the area without the above-mentioned items. No bids will be accepted without a site visit certificate attached

Validity of Bids

The minimum period for which the Bidder's bid must remain valid is **sixty (60) days** from the deadline for the submission of bids.

Submission of Bids

Bids must be submitted online through the Zimbabwe Electronic Government System (e-GP) System not later than **17:00** on or before **24 June 2025**.

Late bids will be rejected. The Procuring Entity reserves the right to extend the bid submission deadline but will notify all potential bidders of the amended bid submission deadline.

Bid opening

Bidders and their representatives may witness the opening of bids, which will take place online through the e-GP System after the deadline.

Withdrawal, amendment or modification of Bids

A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative. However, no Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder or any extension of that period.

Delivery Requirements

The delivery period required (from the date of contract signing) and the final destination for delivery are as indicated in the Delivery Schedule in Part 2.

Bid Prices and Discounts

The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules must conform to the requirements specified below.

Prices must be quoted as specified in the Price Schedule included in Part 2 Statement of Requirements. In quoting prices, the Bidder is free to use transportation through carriers registered in any eligible country and similarly may obtain insurance services from any eligible country. Prices quoted must include the following costs and components:

- (a) For Goods
 - (i) the price of the Goods and the cost of delivery to the final destination, including the relevant INCOTERM, as stated in the Delivery Schedule;
 - (ii) the custom duties to be paid on the Goods on entry in Zimbabwe, if not already included;
 - (iii) Any other applicable import taxes;

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

- (iv) any sales and other taxes due within Zimbabwe which will be payable on the Goods, if not already included;
- (v) any rebate or mark-up of the local agent or representative.
- (b) for Related Services, (other than inland transportation and other services required to convey the Goods to their final destination), whenever such Related Services are specified in the Schedule of Requirements:
 - the price of each item comprising the Related Services (inclusive of any applicable taxes).

Evaluation of Bids

Bids will be evaluated using the following methodology:

No.	EVALUATION CRITERIA
1	Adherence to Product Specifications (Section 5). Bidders must state compliance to the given specification in column C by indicating their offer in full. Statements such
2	Submit a completed and signed Bid Submission Sheet
3	ZPC's policy is that no advance payment can be made for orders below US\$500,000.00. All payments are within 30 days after full delivery and acceptance of goods.
4	Bidders must clearly state their delivery period expressed in weeks.
5	A signed bid securing declaration form must be attached.
6	Bid Validity of 60 days must be stated
7	Current Tax Clearance Certificate as Proof of Registration with ZIMRA for local companies must be attached
8	Attach reference letters from at least (3) three customers with active contact details.
10	Submission of Company Profile with physical address and directorship
11	Bidders must be registered with PRAZ on the relevant category (attach proof of registration)
12	Valid NSSA Clearance Certificate must be attached
13	The lowest evaluated tender to specification or most economically tender shall be accepted.
14	State Incoterms which should be Delivered Duty Paid DDP (Incoterms 2010)
15	A site visit certificate must be attached (site visit attendance is mandatory)

1. Preliminary examination to confirm that all documents required have been provided, to confirm the eligibility of Bidders in terms of section 28 (1) of the Regulations and to confirm that the Bid is administratively compliant in terms of section 28 (2) of the Regulations.
2. Technical evaluation to determine substantial responsiveness to the specifications in the Statement of Requirements;
3. Financial evaluation and comparison to determine the evaluated price of bids and to determine the lowest evaluated bid.

Bids failing any stage will be eliminated and not considered in subsequent stages.

Evaluation criteria

The Procuring Entity's evaluation of a Bid will take into account, in addition to the Bid Price, the following criteria and methodologies.

- (a) **Delivery schedule:** Bidders must state their delivery time for the specified goods in the Delivery Schedule in Part 2.
- (b) **Deviation in payment schedule:** The payment schedule is stated in the Special Conditions of Contract (SCC) in Part 3. A Bidder may propose a deviation from the schedule and if the deviation is considered acceptable to the Procuring Entity, the Bid will be evaluated by

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate of interest indicated by the Reserve Bank of Zimbabwe on the closing date for submission of bids.

- (c) **Cost of major replacement components, mandatory spare parts, and service:** Bidders must state the unit prices for these items. The total cost of these items and quantities will be added to the Bid price, for evaluation purposes only.

Contract Administration Fees

The winning bidder shall be required to pay Contract Administration Fees as set out in Part V of SI 193 of 2022 before signing the contract.

Eligibility and Qualification Criteria

Bidders are required to meet the criteria in section 28 of the Act to be eligible to participate in public procurement and to be qualified for the proposed contract. They must therefore provide any available documentation and certify their eligibility in the Bid Submission Sheet. To be eligible, Bidders must therefore have:

Subject eligibility	Eligibility requirement/Criteria	Documentation required
Legal Capacity	have the legal capacity to enter into a contract;	Company Registration Documents - Certificate of Incorporation OR (Company registration documents showing company name and year of incorporation) - CR14 OR (Company registration documents showing the details of directors) - CR6 OR (Company registration documents showing physical address of the entity)
Bankruptcy	not be insolvent, in receivership, bankrupt or being wound up, not have had business activities suspended and not be the subject of legal proceedings for any of these circumstances;	Declaration by completing and signing the bid submission sheet in this part.
Taxes and Social Security	have fulfilled their obligations to pay taxes and social security contributions in Zimbabwe;	- Valid tax clearance certificate - Valid signed and stamped NSSA clearance certificate.
Conflict of interest	Applicants should declare not having a conflict of interest in relation to this procurement requirement by signing the bid submission sheet. Conflict of interest refers to situations in which personal interests (which may include but not limited to financial interests) may compromise, or have the appearance of, or potential for, compromising professional judgment and	A signed bid submission sheet.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

	<p>integrity and, in doing so, the best interests of the company.</p> <p>Examples of conflict of interest</p> <ul style="list-style-type: none"> • Having a financial interest in a potential tenderer, supplier, business partner, vendor or any other company or organization which does business or intends to do business with Zimbabwe Power Company. • Being employed by (as staff member or volunteer) or providing service to any potential tenderer or existing supplier, vendor or business partner • Being a member of a potential tenderer or existing supplier's or vendor's management executive or Board member. • Receiving any kind of monetary payment or non-monetary gift or incentive (including hospitality) from any tenderer, existing supplier or its representative. • Canvassing or negotiating with any person with a view to enter into any of the arrangements stated above. • Having a close member of your family (which term includes unmarried partners) or personal friends who fall into any of the categories outlined above <p>NB: The above is a non-exhaustive list of examples, and it is the responsibility of each Director to ensure that any and all potential conflicts, whether or not of the type listed above, are disclosed.</p>	
Debarment	not be debarred from participation in public procurement under section 72 (6) of the Act and section 74(1) (c), (d) or (e) of the Regulations or declared ineligible under section 99 of the Act;	A signed bid submission sheet in this part
Nationality of eligible Country	have the nationality of an eligible country as specified in the Special Conditions of Contract; and	CR14 or list of directors indicating the nationality of Directors or CR2 form list of shareholders.
Registration with PRAZ	Have been registered with the Authority as a Supplier and have paid the applicable Supplier Registration Fee set out in Part III of the Fifth Schedule to the Regulations.	Proof of registration with PRAZ in the form of a copy of government gazette or PRAZ registration certificate for the financial year 2025 in the category of Electrical Products Cables & Materials Power Back Up Equipment, Transformers, Standby Generators, Consumables & Accessories (G/E/001)

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

Participation in this bidding procedure is restricted to Zimbabwean bidders and **must** attach **Certification of Incorporation** to confirm this.

Origin of Goods

All goods and related services must have as their country of origin an eligible country, as specified in the Special Conditions of Contract.

Technical Criteria

The Technical Specifications Sheet details the minimum specification of the goods required. The goods offered must meet this specification, but no credit will be given for exceeding the specification. *Bidders must note that if they put more than one option only their main offer will be evaluated.*

Currency

Bids should be priced in Zimbabwe Gold or in United States Dollars. Bids in USD will be payable in ZWG at the prevailing RBZ interbank rate.

Award of Contract

The lowest evaluated bid, after application of any additional evaluation criteria, including any margin of preference, which is substantially responsive to the requirements of this bidding document will be recommended for award of contract. The proposed award of contract will be by issue of a Notification of Contract Award in terms of section 55 of the Act which will be effective until signature of the contract documents in accordance with Part 3: Contract. Unsuccessful Bidders will receive the Notification of Contract Award and, if they consider they have suffered prejudice from the process, they may within 14 days of receiving this Notification, submit to the Procuring Entity a Challenge in terms of section 73 of the Act, subject to payment of the applicable fee set out in section 44 of and the Third Schedule to the Regulations.

Right to Reject

The Procuring Entity reserves the right to accept or reject any Bids or to cancel the procurement process and reject all Bids at any time prior to contract award.

Corrupt Practices

The Government of Zimbabwe requires that Procuring Entities, as well as Bidders and Contractors, observe the highest standard of ethics during the procurement and execution of contracts. In pursuit of this policy:

1. the Procuring Entity will reject a recommendation for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract or been declared ineligible to be awarded a procurement contract under section 99 of the Act;
2. the Authority may under section 72 (6) of the Act impose the sanctions under section 74 (1) of the Regulations; and
3. any conflict of interest on the part of the Bidder must be declared.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

Bid Submission Sheet

{Note to Bidders: Complete this form with all the requested details and submit it as the first page of your Bid. Attach the completed Statement of Requirements and any other documents requested in Part 1. Ensure that your Bid is authorised in the signature block below. A signature and authorisation on this form will confirm that the terms and conditions of this Bid prevail over any attachments. If your Bid is not authorised, it may be rejected. If the Bidder is a Joint Venture (JV), the Bid must be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.

Bidders must mark as "CONFIDENTIAL" information in their Bids which is confidential to their business. This may include proprietary information, trade secrets or commercial or financially sensitive information}.

Procurement Reference Number: **ZPC/HO/DOM 33/2025**

Subject of Procurement: **Design, Manufacture, Supply and Delivery of Three
Phase Common Services Transformers at Kariba South
Power Station**

Name of Bidder:

Bidder's Reference Number:

Date of Bid:

We offer to supply the items listed in the attached Statement of Requirements, at the prices indicated on the attached Price Schedule and in accordance with the terms and conditions stated in your Bidding Document referenced above.

We confirm that we meet the eligibility criteria specified in Part 1: Procedures of Bidding.

We declare that we are not debarred from bidding and that the documents we submit are true and correct.

We declare that we do not have a conflict of interest in relation to this procurement requirement.

We declare that we shall not be involved in any fraudulent or corrupt practices. We understand that the Procuring Entity will reject a recommendation for award if it determines that we are directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract or been declared ineligible to be awarded a procurement contract under section 99 of the Act

The validity period of our bid is: {days} from the date of submission.

We confirm that the prices quoted in the attached Price Schedule are fixed and firm for the duration of the validity period and will not be subject to revision, variation or adjustment.

Bid Authorised by:

Signature	Name:
Position:	Date:(DD/MM/YY)
Authorised for and on behalf of:	
Company	
Address:	

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 1: BIDDING PROCEDURES

Bid-Securing Declaration

{The Bidder must fill in this Form in accordance with the instructions indicated, where it has been stated in the Bidding Procedures that a Bid-Securing Declaration is a requirement of bidding}.

Procurement Reference number:

Date:[date (in day, month and year
format)]

Bidder's Reference Number:

To: {full name of Procuring Entity}

We, the undersigned, declare that:

We understand that, according to the terms and conditions of your bidding documents, bids must be supported by a Bid-Securing Declaration.

We accept that we may be debarred from being eligible for bidding for any contract with a Procuring Entity in Zimbabwe for a period to be determined by the Authority, if we are in breach of our obligation(s) under the bidding conditions, because:

- (a) We have withdrawn our Bid during the period of Bid validity; or
- (b) Having been notified of the acceptance of our Bid by the Procuring Entity during the period of bid validity, we fail or refuse to execute the Contract.

We understand this Bid Securing Declaration will expire if we are not the successful Bidder, upon our receiving your notification to us of the name of the successful Bidder; or twenty-eight days after the expiration of our Bid, whichever is the earlier.

Signed	Name:
In capacity of:	Date:(DD/MM/YY)
Duly authorised for and on behalf of:	
Company	
Address:	
.....	
Corporate Seal (where appropriate)	

{Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the Bid}

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

PART 2: STATEMENT OF REQUIREMENTS

Name of Bidder:

Bidder's Reference Number:

List of Goods and Price Schedule

**Design, Manufacture, Supply and Delivery of Three Phase
Common Services Transformers at Kariba South Power Station**

Currency of Bid:.....

Item No	Description of Goods	Quantity	Unit Price Excluding VAT	Total Price Excluding VAT
1.	Design, Manufacture, Supply and Delivery of Three Phase Common Services Transformers	3		
	Total Price Excluding VAT			
	VAT			
	Total Price Including VAT			

Note 1: Lots and packages should be shown as separate items.

Note 2: The description or quantity must indicate the unit of measure where relevant.

Note 3: Unit and total prices must be for delivery through to the final destination stated in Part 1.

The price to be quoted in the Price Schedule must be the total price of the bid, excluding any discounts offered.

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274, MT PLEASANT, HARARE
TEL 0242 250 407/8/9 FAX 0242 708193

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

SCHEDULE 'B': PRICE SCHEDULE - RECOMMENDED SPARES

Item No	Description of Goods	Quantity	Unit Price Excluding VAT	Total Price Excluding VAT
1.	Recommended Spares			
2.	Recommended Spares			
3.	Recommended Spares			
4.	Recommended Spares			
	Total before VAT			
	VAT			
	TOTAL			

Note 1: Lots and packages should be shown as separate items.

Note 2: The description or quantity must indicate the unit of measure where relevant.

Note 3: Unit and total prices must be for delivery through to the final destination stated in Part 1.

The price to be quoted in the Price Schedule must be the total price of the bid, excluding any discounts offered

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274, MT PLEASANT, HARARE
TEL 0242 250 407/8/9 FAX 0242 705193

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

Delivery Schedule

Name of Bidder:

Bidder's Reference Number:

{Note to Bidders: If the delivery period offered, or any other details, differ from the requirements below, this should be stated in your tender}.

Item No.	Description	Unit of Measure	Delivery Date Required by Procuring Entity and applicable INCOTERM	Bidder's offered Delivery period and applicable INCOTERM {to be provided by the Bidder}
			<i>DDP Kariba</i>	
1	Design, Manufacture, Supply and Delivery of Three Phase Common Services Transformers at Kariba South Power Station	EA		

The delivery period required is measured from the date of the signing of the Contract between the Procuring Entity and the Bidder.

The Project Site for delivery of the goods is the final destination:

Zimbabwe Power Company, Kariba South Power Station, 1 Sable Drive Kariba

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274, MT PLEASANT, HARARE
TEL 0242 250 407/8/9 FAX: 0242 705193

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

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)]*

1. DESCRIPTION OF CONTRACT WORKS

1.1. DESCRIPTION OF SCHEME

Kariba is situated on the River Zambezi, which forms the border between Zimbabwe and Zambia. Harare, the capital of Zimbabwe is 370km distant by road.

The existing hydro-electric installation at Kariba South was constructed between 1955 and 1962. The scheme comprises an arch dam 128m high, with a crest length of 617m, and has 6 generating units of 134MVA each an installed capacity of 750MW, an underground Power House at an elevation of 400m above sea level and on the surface a switching station and auxiliary plant control building.

1.2. EXTENT OF WORK

The contractor shall Design, Manufacture and Supply three (3) x 3 phase, 1600kVA, 11/0.38kV, 50HZ, Dry Type Transformers.

The contractor shall guarantee the Transformer for 24 months from the date of commissioning or 36 months from the date of receipt at site, whichever is earlier. The contractor shall either rectify the defects developing in the transformer during guarantee period or replace the same transformer with the new one without any cost to ZPC.

1. DEFINITE WORK

The contractor shall:

1. The Design, Manufacture and Test at Manufacture Site three (3) x 3 phase, 1600kVA, 11/0.38kV, 50HZ, Dry Type Transformer.
2. Transport the Dry Type Transformer in Kariba, Zimbabwe
3. Conduct site acceptance test and handover Transformer to ZPC.

2. WORK AT THE OPTION OF THE EMPLOYER

- a. Spare apparatus and materials.

The contractor shall submit the list of spares for the consideration of ZPC. However, the following mandatory spares shall be supplied by the supplier:

- i. One complete winding limb
- ii. One complete set of winding temperature equipment.

The spares shall be the same as the main components, with the same ratings.

The recommended spare quantities of the apparatus and materials supplied by the Contractor shall be considered by ZPC and order shall be placed on the Contractor within six months from the start of the contract.

- b. Tools

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

The supplier is to supply the list of tools required for the consideration of ZPC and ZPC shall place order within six months from the start of contract.

Each separate order for Work at the option of the Employer shall constitute a section for the purpose of payment and taking over.

c. Tests

When required by the Engineer, the variation of the requirements by the carrying out or omission of any specific test required to be conducted by the supplier without any cost to ZPC.

1.3. QUALIFICATION OF BIDDER

The manufacturer of the assembly shall be the manufacturer of the major components within the assembly.

For the equipment specified herein, the manufacturer shall be ISO 9001 certified or equivalent.

The manufacturer of this equipment shall have produced similar electrical equipment for a minimum period of five (5) years. An acceptable list of installations with similar equipment shall be provided in the schedules demonstrating compliance with this requirement.

1.4. GENERAL PARTICULARS AND GUARANTEES

All plant and apparatus supplied under this contract shall be to the approval of ZPC. The contractor has to specify the guaranteed no-load losses and load losses.

The Contractor shall be responsible for any discrepancies, errors and omissions in the particulars and guarantees.

The English language shall be used in all written communications between the Employer and the Contractor with respect to the services being rendered and with respect to all documents and drawings procured or prepared by the Contractor pertaining to the work, unless otherwise agreed by the ZPC Engineer.

The design features shall be based on the SI system of weights and measures. Estimates of quantities involved shall be made and recorded in SI units.

2. SPECIFICATIONS

2.1. GENERAL

Transformers shall comply with IEC 60076 and IEC 726, and with the requirements of this specification and conform to the following standards.

The Unit shall conform to the following British and International standards (including harmonized standards)

IEC 60076-1 Power transformers - General

IEC 60076-2 Power transformers - Temperature rise

IEC 60076-3 Power transformers - Insulation levels dielectric tests and external clearances in air.

IEC 60076-5 Power transformers - Ability to withstand short circuit.

IEC 60076-10 Power transformers - Determination of sound levels

IEC 60085 Thermal evaluation and classification of electrical insulation

IEC 60137 Insulated bushings for alternating voltages above 1000V

IEC 60214 On load tap changers

IEC 60269-1 Cartridge Fuses for Voltages up to 1000V A.C. and 1500V D.C.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

IEC 60270 High Voltage Test Techniques - Partial Discharge Measurement

IEC 60529 Degrees of Protection Provided by Enclosures

IEC 60617 Drawing Symbols and Conventions

BS381C Specification for Colours for identification, Coding and Special Purposes

BS3692:2001 Specification for ISO metric precision hexagonal bolts, screws and nuts.

BS3939 Graphical symbols for electrical power, telecommunications and electronics drawings. General information, general index

BS 5493 Code of practice for protective coating of iron and steel structures against corrosion.

BS 7671 IEE Wiring Regulations

BS EN ISO 1461 Specification for hot dip galvanized coatings on iron and steel articles

BS EN ISO 1706 Aluminum and Aluminum Alloy – Castings – Chemical Composition and Mechanical Properties.

BS EN 60269-1 Cartridge Fuses for Voltages up to 1000V A.C and 1500V D.C.

BS EN 60309-2 Plugs, Socket Outlets and Couplers for Industrial Purposes

BS EN 60898 Low Voltage Circuit Breakers for use in Household and Similar Installations

BS EN 60947-2 Low Voltage Circuit Breakers for use in Industrial and Similar Installations

BS EN 61010-031 Safety requirements for electrical equipment for measurement, control and laboratory use. Safety requirements for hand-held probe assemblies for electrical measurement and test.

All windings of the transformers shall be capable of withstanding short circuit for the periods of 3 seconds or as specified in IEC 60076 with the fault current available at the terminals as stated in the Schedules.

The design and manufacture of the transformers and auxiliary plant shall be such that the noise level is at maximum 65dB and that the level of vibration does not adversely affect any clamping or produce excessive stress in any material due to short circuit and seismic forces during the service life of the transformer.

If required by the Engineer, the transformers shall be subject to vibration tests.

Where noise measurements are specified, they shall be made at the Manufacturer's Works in the presence of the Engineer. The average surface noise level of each transformer shall not be greater than that specified in NEMA TR 1.

The transformers shall be designed with particular attention to the suppression of harmonic currents, especially the third and fifth, so as to minimize interference with communication circuits.

The transformers shall be designed to ensure that leakage flux does not cause overheating in any part of the transformer.

The transformer shall meet the following requirements:

- No risk to humans and the natural environment due to contamination.
- Non-explosive and flame-retardant.
- Heavy load cycles (cold start to maximum load), stress due to tough ambient conditions, stress due to harmonics.
- Minimized maintenance.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

2.2. PHYSICAL SIZE

The physical dimensions of the transformer enclosure should be such that it fits in a confined space. The dimensions of the enclosure should be no greater than 2m length, 2.1m height & 1.5m width. The bidders are required to physically verify these dimensions during site visit.

2.3. MAGNETIC CIRCUITS

Particular care shall be taken to secure even mechanical pressure over the whole of the core laminations. Each lamination shall be insulated with an insulation material that will not deteriorate under pressure and the action of hot air or other environmental conditions prevailing at site in an underground Power House.

Where the magnetic circuit is divided into packets tinned copper strip bridging pieces shall be inserted to maintain electrical continuity between packets.

The core shall be free from over fluxing liable to cause damage or to cause mal-operation of the protection equipment when operating under the continuous overvoltage condition specified in the schedules. Under this steady overvoltage condition the maximum flux density must not exceed what is prescribed in the latest IEC standard and the magnetizing current must not exceed 5% of the rated load current at normal rated voltage.

The cores, framework, clamping arrangements and general structure of the transformers shall be capable of withstanding any shocks to which they may be subjected during transport, installation and service. Adequate provision shall be made to prevent movement of internal parts of the transformer relative to the cubicle, to support the core and winding structure in the cubicle and to carry the weight of the core and windings when suspended.

Structural members shall be made of steel.

2.4. WINDINGS

The windings shall be of electrolytic copper and the winding insulation and all non-metallic material used in winding stacks shall be so treated that no further shrinkage shall take place after assembly during the service life of the transformer.

Coils shall be constructed to avoid abrasion of the insulation (e.g. on transposed conductors), allowing for the expansion and contraction set up by changes of temperature or the vibration encountered during normal operation. The insulation on the conductors between turns shall be enameled and epoxy resin casted.

The windings shall be designed to reduce to a minimum the out-of-balance forces inherent in the transformer. Taps shall be arranged at such positions on the windings as will preserve, as far as possible electro-magnetic balance at all voltage ratios. The windings and connections shall be braced to withstand shocks which may occur during transport or due to switching or other transient conditions during service.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

Where the yoke supporting channels are adapted for taking shrinkage in the windings, the arrangement shall be such as to throw a minimum amount of stress on any core bolt insulation.

If the winding is built up of sections or disc coils, separated by spacers, the clamping arrangements shall be such that equal pressure is applied to all columns of spacers and shall be securely located and shall be of suitable material.

2.5. INTERNAL EARTHING ARRANGEMENTS

All metal parts of the transformer with the exception of the individual core laminations, core bolts and associated individual side plates shall be maintained at earth potential.

2.6. NAMEPLATE DETAILS

The following plates shall be fixed to the transformer:

- a. A rating plate bearing the data specified in IEC 10076.

The following are minimum requirements for Nameplate Details:

- Name of manufacturer
- Serial number
- Month/year of manufacture
- Cooling class
- Number of phases
- Frequency
- MVA rating
- Voltage ratings. The voltage ratings of a transformer's windings are separated by a dash (-).
- Rated temperature rise, °C
- Phasor or vector diagram
- Percent impedance. The percent impedance is specified between each pair of windings with the voltage connection and the kVA base stated. The percent impedance shall be tested.
- Basic lightning impulse insulation levels (BIL). The BIL of each winding and each bushing are specified.
- Switching Surge Impulse Withstand Insulation level.
- Approximate mass of the core and coils, tank and fittings, total weight, and heaviest piece.
- Connection diagram. The connection diagram shows all winding terminations with a schematic plan view showing all fixed accessories. The schematic plan view generally shows the low-voltage side of the transformer at the bottom. The location and polarity shall be shown for all current transformers used for metering, relaying, or drop compensation.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

- Conductor material of each winding.
 - Type of insulation.
- b. A property plate of approved design and wording including the following:
1. Name of manufacturer
 2. Year of manufacture
 3. Maximum weight of winding
 4. Maximum number of cores
 5. Weight of cores.

2.7. OVERLOAD PROTECTION

In order to avoid thermal overloading due to high ambient temperatures, inadequate cooling, and overload operation transformers shall be equipped with a temperature warning system which shall be compatible to communicate with present SCADA system available in the Power House.

2.8. SITE CONDITIONS

Item	Description	Units	Value/specification
1.1	Site conditions:		
1.1.1	Temperatures		
	1.1.1.1 Absolute minimum	°C	5
	1.1.1.4 Absolute maximum	°C	45
	1.1.1.5 Mean of maximum temperature rarely passed more than 12 times a year	°C	37.7
	1.1.1.6 Mean of the minimum temperature rarely passed more than 12 times.	°C	9.4°C
1.1.2	Relative humidity		
	1.1.2.1 Absolute maximum	%	98
	1.1.2.2 Absolute minimum	%	19
1.1.3	Altitude (above sea level)	m	383
1.1.4	Pressure range	mbar (millibar)	942 to 969
1.1.5	The site is subject to earthquake activity and the contract works shall be designed in accordance with the document, Uniform building Code (USA) Zone 2", with an importance factor 1 equal to 1.5		

CR

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

3. TESTS

Tests are to be organized, prepared and funded by Contractor. The Client shall witness such tests at the cost of the contractor. The contractor shall give notice of such tests at least six (6) weeks before the intended dates.

3.1. INSPECTION AND TESTS

The plant and equipment are subject to inspection and tests by the Contractor in the presence of three (3) ZPC Engineers during the course of and on completion of manufacture and erection to ensure compliance with this specification and to provide the necessary operating data.

To permit the Engineer to be present, the Contractor shall give not less than one calendar month notice of his intention to carry out tests or of material available for inspection;

The Contractor and his sub-contractors shall supply to the ZPC Engineers as soon as practicable after tests have been witnessed three copies of the relevant test certificates, which shall contain details of each test performed and shall be prepared to the requirements of the Engineers. Records, results and calculations of all electrical tests shall be provided

All tests shall be carried out in the presence of the three (3) ZPC Engineers unless otherwise agreed in writing.

The subsequent sections of this Schedule list specific inspections and tests which the Engineer requires. This shall not preclude the Engineer's right in order to ensure compliance with the Specification, whether under test conditions or in ordinary working, or to cover materials and methods of construction different from those indicated in the scheduled inspections.

All instruments and their calibration shall be to approval and, if required by the Engineer, shall be calibrated by a National Testing Laboratory or other such body as may be approved by the Engineer. Calibration data shall be made available to the engineer. All inspection, measuring and test equipment that is required to carry out the inspection and tests shall be provided by the Contractor.

After the plant has passed the Site tests required under this Contract, and has become available for commercial operation, certain additional tests may be carried out in order to investigate the response and recovery of the system during events such as the switching of various items of plant, systems faults and load rejection.

3.2. TESTS IN THE MANUFACTURER'S WORKS

The tests shall be arranged to represent working conditions as closely as possible. Unless otherwise stated, type tests when called for shall be made on equipment which has previously passed its routine tests.

Routine, type and special tests shall be carried out in accordance with the latest IEC standards. The following additional tests shall be made:

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

ROUTINE TESTS

1. Magnetic circuit insulation
 - A power frequency voltage of 2kV for 1 minute applied as follows:
 - Core bolts to core, to yoke clamps and to core leg side plates
 - Core to yoke clamps and to core leg side plates.
 - Immediately prior to dispatch, 2kV for 1 minute applied between core and earth. An IR tester may be used for this test.
2. No load current at:
 - 90% rated voltage.
 - 100% rated voltage.
 - 110% rated voltage.
 - The maximum voltage equivalent to the value quoted in the Schedules.
3. Noise level.
4. Impedance Voltage Test:
 - The impedance voltage test should also be carried out on the maximum and minimum tapping positions.
5. Short circuit impedance and load loss tests.
6. 1-minute power frequency withstand test on HV.
7. Measurement of winding resistance.
8. Measurement of voltage ratio on all taps.
9. Appearance check.
10. Measurement of impedance voltage.
11. Test for auxiliary equipment.
12. Test for instruments.
13. Calculation of efficiency and voltage regulation.

Type tests.

1. Capacitance.
 - The capacitance between windings and between each winding and earth shall be measured.
2. Temperature rise test.
 - During the temperature rise test the accuracy of winding temperature indicating devices shall be determined.
3. Lightning impulse test.
4. Partial discharge measurement.
5. Short circuit test
6. Environmental test.
7. Climatic test.
8. Fire behavior test

Where temperature rise tests have previously been carried out on equipment similar in all essential respects to that included in this contract, the Engineer may waive one or all these tests on production of complete test records which they consider satisfactory.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

3.3. TESTS ON SITE

After the equipment has been delivered on Site, Site acceptance tests shall be carried out to the satisfaction of the ZPC Engineers. These tests are required to prove compliance with the Specification, independently of any carried out at the manufacturer's works.

The ZPC Engineers shall have the right to witness all tests, and the results must be available to him as the tests proceed. He may recommend waiving of some tests, or may add further tests if considered necessary to prove compliance with the Specification.

Minimum Acceptable Site tests

The Site tests, full details which are to be submitted by the Contractor shall include the tests described in outline below.

1. Transformers

- Insulation resistance of core and windings.
- Ratio and no-load current
- Vector relation check.
- Calibration checks of temperature, instruments, including secondary current injection and proving contact settings.
- Complete functional tests of cooling equipment if provided, manual/automatic sequence, indications, alarms and interlocks, measurement of fan motor currents if provided, adoption of suitable fan motor protection settings and proof of protection operation for stalled or single-phase conditions.
- Insulation resistance of all secondary circuits.
- Final checks before energizing:
- Earthing of star-point(s) and operation of kiosk heaters, resetting of maximum temperature indicators.

2. Tests when energized:

- Maintenance of 1.1 p.u volts on winding for continuous 30 minutes.

3. Tests on load

- Temperature instrument readings.

4 SCHEDULES

The following schedules must be filled with the tender in the format presented in this document

- A. Technical Schedule.
- B. Price Schedule.
- C. Warranty and Guarantee schedule.
- D. Spares
- E. Experience of Supplier and Similar Installations Completed
- F. Wiring and Termination Accessories

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

Design, Manufacture, Supply and Delivery of Three Phase Common Services Transformers

<i>a</i>	<i>b</i>			<i>c</i>
<i>Item No</i>	<i>Item description and full technical Specification required (including applicable standards)</i>			<i>{Confirm full specification of items offered by Bidder and compliance of items to detail in column b}</i>
Item	Description	Units	Particulars	Bidders' Offer
1	Technical particulars	-		
2	Description of Transformer	-	Common Services Transformer Three phase Dry type	
3.1	Continuous maximum rating (cmr) corresponding to full power tappings when operating under site conditions.	kVA	1600	
3.2	HV terminal rating Delta	kV	11 ±2½% ±5%	
3.3	LV terminal rating Star	kV	0.380	
4	Phase connections: IEC vector group symbols		41Dy11	
5	Impedance	%	7.5±tolerances	
6	Rated frequency	Hz	50±4%	
7	System highest Voltage			
7.1	HV	kV	16.8 at 50Hz for 5 sec. 15 for 1 min, 12 continuous.	
7.2	LV	kV	0.532	
8	Method of System Earthing:			
8.1	HV System		Via SF6 – Vacuum Circuit breaker earthing protection	
8.2	LV System		Solid through link	
9	Method of Earthing of Transformer			
9.1	HV System	-	N/A	
9.2	LV System	-	Solid through link	
10	Impulse withstand level (full wave 1.2/50 microsecond) under site conditions:			
10.1	HV	KVp	95	
10.2	LV	KVp	N/A	
10.3	1-minute power frequency withstand voltage.	rms	38 kV	
11	System frequency range	Hz	47.5-52.5	
12	Tap Changer			
12.1	Type		Off Circuit	

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

12.2	Tapping Steps:	%	±2.5 ±5	
12.3	Number of taps	-	5	
13	Degree of protection		IP31	
14	Efficiency at normal ratio, unit power factor		Supplier to guarantee the value	
15	Temperature class	°C	155	
16	Insulation class		F	
17	Partial discharge	pC	<10	
18	Temperature rise	K	70	
19	Environmental class		E2	
20	Climatic class		C2	
21	Fire class		F1	
22	Manufacturing standards		IEC 726; CENELEC HD 538; IEC 76; CENELEC HD 464; IEC 146; BS171:1978	
23	Cooling			
23.1	Type of cooling		AN/AF with fans	
23.2	Cooling Fans			
23.2.1	Quantity		≥6	
23.2.2	Power Rating	kW	Bidder to specify	
23.2.3	Flow rate		Bidder to specify	
24	Maximum system symmetrical rms fault current (1 phase or 3 phase) at the terminals of the transformer which the windings must be capable of withstanding;			
24.1	HV Terminals	kA	70	
24.2	LV Terminals	kA	25	
24.3	Asymmetrical crest factor		2.55	
25	Whether star connected windings shall be fully insulated or graded.			
25.1	HV Winding		Fully insulated	
25.2	LV Winding		Fully insulated	
26	Whether control cubicle shall be provided and installed If so: Whether metal clad heater to be provided	Y/N	Yes	
27	Winding temperature indicators			
27.1	HV winding WTI	Y/N	Yes	
27.2	LV winding WTI	Y/N	Yes	
27.3	HV & LV winding WTI with necessary transducers to connect with the present SCADA system available in the Power House	Y/N	Yes	
28	Impulse Tests:			

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

28.1	Whether recurrent surge oscillograph tests are to be carried out.		Yes	
28.2	For tests of HV winding impedance to earth from:			
28.2.1	Other HV terminals		Earthed	
28.2.2	LV terminals		Earthed (except test terminal)	
28.3	Whether LV winding to be directly impulse tested.	Y/N	N A	
	Earth screen between HV & LV Windings	Y/N	Yes	
29	Cables			
29.1	a) HV terminations			
29.1.1	i. Entry		Bottom Entry	
29.1.2	ii. Terminals		3 pole, air insulated cable terminations with non-magnetic gland plate.	
29.1.3	iii. Cable type		1 x 3 core, Cu, XLPE, SWA, PVC	
29.2	b) LV Terminations			
29.2.1	i. Entry		Bottom Entry	
29.2.2	ii. Terminals		3 pole + Neutral air insulated cable terminations with non-magnetic gland plate.	
29.2.3	iii. Cable type		11 x single core, Cu, PVC, SWA, PVC	
30	Fittings			
30.1	a) Earthing Terminals	Y/N	Yes	
30.2	b) Core Earthing Test Link	Y/N	Yes	
30.3	c) Lifting eye bolts	Y/N	Yes	
30.4	d) Rating Plate	Y/N	Yes	
30.5	e) Auxiliary Terminal Box	Y/N	Yes	
30.6	f) Diagram plate	Y/N	Yes	
30.7	g) Plant Identification label	Y/N	Yes	
30.8	h) Device Labels	Y/N	Yes	
30.9	i) Anti-condensation heaters & switch	Y/N	Yes	
30.10	j) Removable gland plates	Y/N	Yes	
31	Enclosure			

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

31.1	a) Description		Ventilated Steel Sheet enclosure	
31.2	b) IP Rating		IP31 to IEC529	
31.3	c) Dimensions (L x W x H)	mm	2000x2100x1500	
31.4	d) Paint Finish		Light Grey, eggshell, to BS4800, shade 10- A-03	

ma

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

SCHEDULE 'C': TECHNICAL GUARANTEES

The Supplier undertakes to the following guarantees. The values stated in the guarantees shall be without tolerance. The bidder/ Contractor shall make due allowance for any tolerance which he /shall need including errors in measurement. **The Supplier Is required to specify all the values asked in offer column.**

<i>a</i> Item No	<i>b</i> Item description and full technical Specification required (including applicable standards)	<i>c</i> {Confirm full specification of items offered by Bidder and compliance of items to detail in column b}
Item	Description	Bidders' Offer
1	Type of Transformer	
1.1	Shell or core	Supplier to specify
1.2	Three phases.	Supplier to specify
2.	IEC rated power at terminals of:	
2.1	2.2.1 HV Winding	kVA 1600
2.2	2.2.2 LV Winding	kVA 1600
3	Maximum AN rating of winding terminals irrespective of tapping position, when operating under site conditions	
3.1	HV Winding	kVA Supplier to specify
3.2	LV Winding	kVA Supplier to specify
4	Type of cooling (IEC letter symbols) Maximum temperature rise above ambient at IEC rated power of Windings:	
4.1	a. hot spot	(80+40) ⁰ C ambient
4.2	b. Average (By resistance)	(70+40) ⁰ C ambient
5	Maximum flux density in iron at rated voltage and power frequency and rated voltage ratio:	
5.1	Wound limbs	T Supplier to specify
5.2	Unwound limbs	T Supplier to specify
5.3	Yokes	T Supplier to specify
5.4	Shields	T Supplier to specify

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

6	Maximum flux density in iron under the most onerous voltage conditions and at power frequency:			
6.1	Wound limbs	T	Supplier to specify	
6.2	Unwound Limbs	T	Supplier to specify	
6.3	Yokes	T	Supplier to specify	
6.4	Shields	T	Supplier to specify	
7	Maximum current density in winding at IEC rated power:			
7.1	HV	A/mm ²	~3.41	
7.2	LV	A/mm ²	~3.41	
8	Magnetizing current (HV winding)			
8.1	At 90% rated voltage	A	Should exceed maximum rated current	
8.2	100% rated voltage	A	Should exceed maximum rated current	
8.3	At 110% rated voltage	A	Should exceed maximum rated current	
8.4	At the maximum voltage equivalent to value stated in minimum requirements.	A	Should exceed maximum rated current	
9	No load losses at rated voltage ratio	kW	Supplier should guarantee these values	
10	Load losses at 75°C and rated voltage ratio:	kW	Supplier to guarantee these values	
11	TOTAL LOSSES AT 75°C and rated voltage ratio and with all windings loaded at:			
11.1	IEC rating	%	Supplier should guarantee value	
11.2	Proportion of sum of fixed and load losses at rated power which will be supplied during the temperature rise test.	%	Supplier should guarantee value	
12	Impedance voltage at 75°C on principal tapping per cent on 0.4MVA base (including all tolerances): Between HV and windings	%	<u>MAX</u> <u>7.5%</u>	

Handwritten signature

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

13	Impedance voltage 75°C at each tapping range-per cent on 0.4MVA base (including all tolerances): <u>Between HV and LV windings</u>			
13.1	At maximum voltage ratio	%	Supplier to specify	
13.2	At minimum voltage ratio	%	Supplier to specify	
14	Resistance of winding at 75°C on principal tapping:			
14.1	HV	Ω	Supplier to specify	
14.2	LV	Ω	Supplier to specify	
15	Types and arrangement of windings:			
15.1	HV		Supplier to specify	
15.2	LV		Supplier to specify	
15.3	Tapping		Supplier to specify	
15.4	Winding arrangements i.e. Core /HV/LV/Taps		Supplier to specify	
16	Conductor material:			
16.1	HV windings		Electrolytic copper	
16.2	LV windings		Electrolytic copper	
16.3	Tapping windings		Electrolytic copper	
17	Conductor insulation:			
17.1	HV windings		Epoxy resin	
17.2	LV windings		Epoxy resin	
17.3	Tapping winding		Epoxy resin	
17.4	Connecting leads from winding to tap changer		Insulated impregnated with epoxy resin	
18	Maximum fault current in winding on which mechanical stresses are based:			
18.1	HV winding			
18.1.8	Symmetrical components	kA rms	70	
18.1.2	Asymmetrical crest current	kA	70x2.55	
18.2	LV winding			
18.2.1	Symmetrical components	kA rms	25	
18.2.2	Asymmetrical components	kA	25x2.55	
19	Current density in winding on principal tapping under the most onerous symmetrical earth fault condition:			

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

19.1	HV	A/mm ²	~3.41	
19.2	LV	A/mm ²	~3.41	
20	Hoop stress in winding conductors:			
20.1	HV	N/m ²	Supplier to specify	
20.2	LV	N/m ²	Supplier to specify	
21	Total axial compressive force in windings:			
21.1	HV	N	Supplier to specify	
21.2	LV	N	Supplier to specify	
22	Position and magnitude of maximum axial stress on inter-run insulation in:			
22.1	HV windings	N/m ²	Supplier to specify	
22.2	LV windings	N/m ²	Supplier to specify	
23	Maximum stress on transposition crossover conductors (if any):			
23.1	HV windings	N/m ²	Supplier to specify	
23.2	LV windings	N/m ²	Supplier to specify	
24	Total axial end thrust in windings			
24.1	HV	N	Supplier to specify	
24.2	LV	N	Supplier to specify	
25	Total stress in end insulation and supports:		Supplier to specify	
25.1	HV windings	N/m ²	Supplier to specify	
25.2	LV windings	N/m ²	Supplier to specify	
26	Relative axial displacement of the windings assumed in items 4 & 5 above	%	Supplier to specify	
27	Calculated thermal time constant Natural cooling	Hr	Supplier to specify	
28	Core construction:			
28.1	Tapped/banded/bolted limbs		Supplier to specify	
28.2	Taped/banded/bolted yokes		Supplier to specify	
28.3	Taping/banding material		Supplier to specify	
28.4	Number of limbs		Supplier to specify	

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

28.5	Number of limbs wound		Supplier to specify	
29	Type of joint in magnetic core (90% butt, overlap, mitre etc)		Overlap mitred joint	
30	Whether flux shields are incorporated		Supplier to specify	
31	Specific loss of core steel at 1.5 tesla	W kg	Supplier to specify	
32	Voltage rating of neutral bushing or cable box:			
32.1	HV neutral	kV	N/A	
32.2	LV neutral	kV	2	
33	Tapings:			
33.1	Which winding is tapped and where (e.g. neutral end)		HV	
33.2	Size and step as percentage of winding rated voltage		At the rate of 2.5%	
33.3	Number of steps		5	
34	Mass of core and windings	kg	Supplier to specify	
35	Mass of copper required in the complete transformer	kg	Supplier to specify	
36	Mass of core laminations	kg	Supplier to specify	
37	Mass of protective enclosure	kg	Supplier to specify	
38	Total mass of complete transformer including cooling gear, voltage regulating equipment, all fittings and protective enclosure	kg	Supplier to specify	
39	Maximum noise level ('A' weighted)	dB	65	
40	Dimensions of transformer arranged for transport			
40.1	Height	m	Supplier to specify	
40.2	Width	m	Supplier to specify	
40.3	Length	m	Supplier to specify	
2.37	Time to which transformer can safely withstand 140% overvoltage	s	≥5	
2.38	Temperature class - Hot spot	°C	(80+40)°C	

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGA WATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P O BOX MP 274 MT PLEASANT, HARARE
TEL 0242 250 407/8/9 FAX 0242 705193

la

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

SCHEDULE 'D': WARRANTY AND GUARANTEE

The Bidder shall clearly specify in this schedule the service plan he shall employ within the warranty period.

	Period in months	Conditions
Warranty		
Guarantee		

SCHEDULE 'E': SPARES

The spares which the Bidder recommends for the consideration of ZPC are to be priced as indicated:

Description	Quantity	Delivery price Currency.....

**SCHEDULE 'F': EXPERIENCE OF SUPPLIER & SIMILAR INSTALLATIONS
COMPLETED**

The Bidder shall provide a full reference list of at least 5 similar installations undertaken in the last 5 years including traceable contacts in the format provided below:

COMPANY WITH EQUIPMENT	SUPPLIED	CONTACT DETAILS OF COMPANY SUPPLIED WITH EQUIPMENT	CONTRACT VALUE

SCHEDULE 'G': WIRING AND TERMINATION ACCESSORIES

Bidder shall specify the list of accessories i.e.: lug kits and termination accessories to be provided by manufacturer of transformer and listed in this schedule. These are part of the total price. Please note that all the consumables required during erection & commissioning of transformer are all inclusive in the scope of work.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

The following is a list of drawings to be provided by the Bidder.

Drawing Number	Title
a)	Drawings showing the arrangements of core and winding and tap changer
b)	Drawings showing the equipment mounted on the transformer cubicle
c)	Drawings showing the arrangement of the bushing of the HV and LV.
d)	Drawings showing the overall arrangement of the transformer cubicle.

The following is a list of drawings and manuals to be submitted by the Contractor for the approval of ZPC within 3 months of contract signing.

ITEM	TENDER NUMBER	DRG	TITLE
1)			Dimension drawings, showing outline of transformer and arrangement and position of important external features including enclosure, terminals, cooling equipment and other essential appurtenances. These drawings shall show masses, crane lift, size of lifting lugs or eyes, towing holes and directional wheels. Parts to be removed for transport shall be indicated and their masses stated.
2)			Detailed drawings corresponding to all drawings required to be submitted by the contractor with his tender.
3)			Detailed section arrangement drawings of the windings with details of the insulation at each point. Method of coil bracing.
4)			Detailed arrangement of the connections between the windings and terminals.
5)			Contract works progress chart.
6)			Detailed sub-order chart.
7)			Drawings showing any special features likely to need special attention during inspection, testing, maintenance or repair.
8)			Drawings showing the arrangement of core and windings.
9)			Elementary wiring diagram for winding temperature and core temperature.
10)			Wiring schematic diagram.
11)			Drawings giving typical mechanical and electrical details of the voltage control apparatus.
12)			Transport outline.
13)			Diagram of connections showing method of voltage control.
14)			Foundation plan drawings for the transformer.

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

ITEM	TENDER NUMBER	DRG	TITLE
15)			Name, diagram and rating plate and diagram of connections of the transformer and voltage ratio and exact relation of leads.
16)			Detailed arrangement drawings of the connections between the windings and terminals with details of terminal board for tapping connections.
17)			Drawings giving mechanical and electrical details of voltage control equipment.
18)			Sectional and elevation drawing showing details of bushing, insulators, cable boxes and fittings and provision for currents transformers.
19)			6 copies of operation and maintenance manuals

The detailed technical evaluation will examine the technical specification of the items offered in column C and determine whether this meets the minimum specification in column B. Bidders must complete column C – Bidders' Offer without fail. **Bidders are required to include technical literature to positively support the details/ write in full their specifications provided in column C. Simple statements such as e.g. Comply or Compliant will not be accepted unless supported by relevant technical literature.**

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P. O. BOX MP 274 MT PLEASANT HARARE
TEL. 0242 250 407/8/9 FAX 0242 705193

ll

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

Declaration by the Accounting Officer

I declare that the procurement is based on neutral and fair technical requirements and bidder qualifications.

.....
Signed

...../2025
Date

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

PART 3 CONTRACT

Contract Agreement

Procurement Reference:

THIS CONTRACT AGREEMENT is made the *[insert: date]* day of *[insert: month]*, *[insert: year]*.

BETWEEN

- (1) *Zimbabwe Power Company*, a subsidiary of ZESA Holdings *incorporated under the laws of Zimbabwe* and having its principal place of business at 44 Samora Machel Avenue 12th Floor Megawatt House (hereinafter called "the Procuring Entity"), and
- (2) *[insert name of Contractor]*, a corporation incorporated under the laws of *[insert: country of Contractor]* and having its principal place of business at *[insert full postal address of Contractor]* (hereinafter called "the Contractor").

WHEREAS the Procuring Entity invited Bids for certain Goods viz., Design, Manufacture, Supply and Delivery of Three Phase Common Services Transformers at Kariba South Power Station and has accepted a Bid by the Contractor for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are assigned to them in the General and Special Conditions of Contract referred to below.
2. The following documents shall constitute the Contract between the Procuring Entity and the Contractor, and each shall be read and construed as an integral part of the Contract:
 - (a) This Contract Agreement;
 - (b) Special Conditions of Contract;
 - (c) General Conditions of Contract;
 - (d) Technical Requirements (including Schedule of Requirements and Technical Specifications);
 - (e) The Contractor's Bid, original Price Schedules and Delivery Schedule;
 - (f) The Procuring Entity's Notification of Contract Award;
3. This Contract Agreement shall prevail over all other Contract Documents. In the event of any discrepancy or inconsistency within the Contract Documents, then the documents shall prevail in the order listed above.
4. In consideration of the payments to be made by the Procuring Entity to the Contractor as mentioned below, the Contractor hereby agrees with the Procuring Entity to provide the Goods and Services and to remedy any defects in them in conformity with the Contract.
5. The Procuring Entity hereby agrees to pay the Contractor in consideration of the provision of the Goods and Services and the remedying of any defects in them, the Contract Price or such other sum as may become payable under the Contract at the times and in the manner prescribed by the Contract.

CM

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Zimbabwe on the day, month and year indicated above.

For and on behalf of the Procuring Entity

Signed:	
Name:	
In the capacity of:	<i>[Title or other appropriate designation]</i>

For and on behalf of the Contractor

Signed:	
Name:	
In the capacity of:	<i>[Title or other appropriate designation]</i>

General Conditions of Contract

Any resulting contract is subject to the Zimbabwe General Conditions of Contract (GCC) for the Procurement of Goods (copy available on request) except where modified by the Special Conditions below.

Special Conditions of Contract

Procurement Reference Number: ZPC/HO/ DOM 32/2025

The clause numbers given in the first column correspond with the relevant clause number of the General Conditions of Contract.

GCC reference	Special Conditions
GCC 7.5	Eligible Countries: All countries are eligible.
GCC 8.1	Notices: Any notice shall be sent to the following addresses: For the Procuring Entity, the address shall be as given in the Contract document and the contact shall be: <i>Zimbabwe Power Company, 12th floor, Megawatt House 44 Samora Machel Avenue Harare, Zimbabwe +263 242 250407-9 nmatarutse@zpc.co.zw; ckadembo@zpc.co.zw</i> For the Contractor, the address shall be as given in the Bid and the contact shall be

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

GCC reference	Special Conditions
	{state name of contract}
GCC 19.1	Liquidated Damages: Liquidated Damages in terms of section 88 of the Act shall/shall not apply. <i>The rate of liquidated damages shall be 0.05% of the contract price per week up to 10%. Thereafter the contract shall be subject to cancellation.</i>

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

CC 21.2

The goods shall meet the following special packing requirements in addition to the general requirements stated in GCC clause 21.1. Suitable packaging.

The documents to be furnished by the Contractor are:

1. A negotiable bill of lading when the goods are coming by sea
2. An airway bill, when the goods are coming by Air
3. A road consignment note, when the goods are coming by road
4. Insurance certificate.

For Imported Goods

Upon shipment, the Contractor shall notify the Procuring Entity and the insurance company in writing of the full details of the shipment. In the event of Goods sent by airfreight, the Contractor shall notify the Procuring Entity a minimum of forty-eight (48) hours ahead of dispatch, the name of the carrier, the flight number, the expected time of arrival, and the waybill number. The Contractor shall email and then send by courier the following documents to the Procuring Entity, with a copy to the insurance company:

- (i) one original and two copies of the Contractor's invoice, showing the Procuring Entity as the consignee; the Contract number, Goods description, quantity, unit price, and total amount. Invoices must be signed in original;
- (ii) one original and two copies of the negotiable, clean, on-board through bill of lading marked "freight prepaid" and showing Procuring Entity as the consignee and Notify Party as stated in the Contract, with delivery through to final destination as per the Schedule of Requirements and two copies of non-negotiable bill of lading, road consignment note, truck or air waybill, or multimodal transport document, marked "freight prepaid" and showing delivery through to final destination as per the Schedule of Requirements;
- (iii) two copies of the packing list identifying contents of each package;
- (iv) copy of the Insurance Certificate, showing the Procuring Entity as the beneficiary;
- (v) one original of the manufacturer's or Contractor's Warranty Certificate covering all items supplied;
- (vi) original copy of the Certificate of Inspection furnished to the Contractor by the nominated inspection agency and six copies *in line with the Consignment Based Conformity Assessment (CBCA) Programme*.

For Goods from within Zimbabwe

Upon or before delivery of the Goods, the Contractor shall notify the Procuring Entity in writing and deliver the following documents to the Procuring Entity:

- (i) one original and two copies of the Contractor's invoice, showing the Procuring Entity, the Contract number, Goods' description, quantity, unit price, and total amount. Invoices must be signed in original;
- (ii) two copies of delivery note, road consignment note, truck or air waybill, or multimodal transport document showing Procuring Entity as the consignee and delivery through to final destination as stated in the Contract;

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

- (iii) copy of the Insurance Certificate, showing the Procuring Entity as the beneficiary;
- (iv) four copies of the packing list identifying contents of each package;
- (v) one original of the manufacturer's or Contractor's Warranty certificate covering all items supplied;
- (vi) original copy of the Certificate of Inspection furnished to the Contractor by the nominated inspection agency and six copies (where inspection is required);
- (vii) *[other procurement-specific documents required for delivery/payment purposes]*.

The above documents shall be received by the Procuring Entity before arrival of the Goods and, if not received, the Contractor will be responsible for any consequent expenses.

ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE HARARE
P O BOX MP 274 MT PLEASANT HARARE
TEL 0242 250 407/8/9 FAX 0242 706193

BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER STATION

PROCUREMENT REFERENCE NO: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

GCC reference	Special Conditions
GCC 22.1	Insurance: The Goods shall be insured <i>in accordance with the specified Incoterms (Delivered Duty Paid)</i> .
GCC 23.1 & 23.2	Inspections and tests: Applicable in this Contract
GCC 24.1	Performance security: The Contractor shall provide a performance security of 10 % of the Contract Price. The performance security shall be denominated in the currency of the Contract and issued by a Bank located in Zimbabwe or a foreign Bank through correspondence with a Bank located in Zimbabwe or from another financial institution acceptable to the Procuring Entity. The format shall be based on the template following the Special Conditions of Contract in this Part.
GCC 24.4	Reduction of performance security: <i>Not Applicable in this Contract</i>
GCC 25.1	Warranty: The period of the warranty shall be 12 months against material and manufacturing defects.
GCC 25.6	Failure to remedy a defect: The period allowed to the Contractor to remedy a defect during the period of the Warranty shall be 30 days.
GCC 29.1	Price adjustments: Prices shall be fixed for the duration of the contract unless agreed by both parties in writing.
GCC 30.1	Terms of Payment: The structure of payments shall be: 30 days after provision of services. No advance payments will be issued for orders whose values are below US\$500,000.00 . All advance payments require advance payment guarantees. Where applicable, costs for establishing advance payment guarantees are to the bidders account. Advance payment payable to bidders shall not exceed 15% for domestic bidders and 10% for international bidders. All local payments will be paid in Zimbabwean Gold (ZWG).
GCC 31.1	Contract Administration Fee: The Contract Administration Fee set out in Part V of the Fifth Schedule of the Regulations is due upon the signing of the Contract (S.I 193 of 2022).

**ZIMBABWE POWER COMPANY
(PRIVATE) LIMITED**
12TH FLOOR MEGAWATT HOUSE
44 SAMORA MACHEL AVENUE, HARARE
P. O. BOX MP 274 MT PLEASANT, HARARE
TEL: 0242 280 407/5/9 FAX: 0242 705193

Handwritten signature

**BIDDING DOCUMENT FOR DESIGN, MANUFACTURE, SUPPLY AND DELIVERY OF
THREE PHASE COMMON SERVICES TRANSFORMERS AT KARIBA SOUTH POWER
STATION**

PROCUREMENT REFERENCE No: ZPC/HO/ DOM 33/2025

PART 3 CONTRACT

Bank Guarantee for Performance Security

*[This is the format for the Performance Security to be issued by a commercial bank in Zimbabwe in
accordance with GCC 18.1]*

Contract No:

Date:

To:

[Name and address of Procuring Entity]

PERFORMANCE GUARANTEES No:

We have been informed that *[name of supplier]* (hereinafter called "the Supplier") has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called "the Contract") for the supply of *[description of goods and related services]* under the Contract.

Furthermore, we understand that, according to your conditions, Contracts must be supported by a performance guarantee.

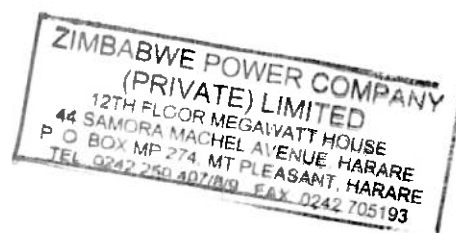
At the request of the Supplier, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil, delay or argument, any sum or sums not exceeding in total an amount of *[insert amount in figures and in words]* upon receipt by us of your first written demand accompanied by a written statement that the Supplier is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

This guarantee is valid until full recovery of the entire sum of money above stated, consequently, we must receive at the above-mentioned office any demand for payment under this guarantee in case of default.

Signature

Signature

--



al