

STANDARD BIDDING DOCUMENT FOR SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

Zimbabwe Electricity Transmission & Distribution Company



STANDARD BIDDING DOCUMENT

For The Supply and Delivery of Jointing Kits

Closing Date : 22 August 2023

Closing Time : 10:00 hours

2023-08-14 10:00 AM
14 JUL 2023
Zimbabwe Electricity Transmission & Distribution Company
Procurement Centre
Harare, Zimbabwe

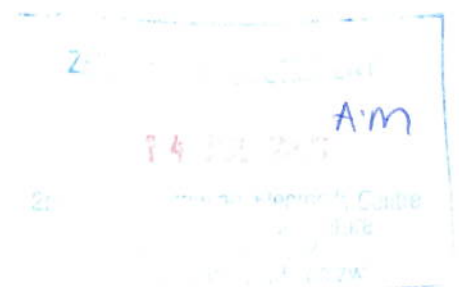
STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

Procurement Reference No: ZETDC/DOM/33/2023

Procuring Entity: ZETDC

Date of Issue: 14 July 2023



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Date
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Part 1: BIDDING PROCEDURES

1.0 References

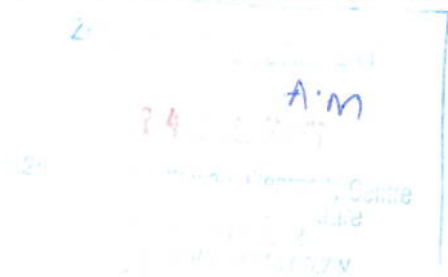
The definitions used in the Public Procurement and Disposal of Public Assets Act [Chapter 22:23] ("the Act"), the Public Procurement and Disposal of Public Assets (General) Regulations (Statutory Instrument No. 5 of 2018) ("the Regulations") and the General Conditions of Contract for the Procurement of goods apply to this Standard Bidding Document. The Act and the Regulations govern the submission of Bids and should be read by all Bidders.

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1.1 Preparation of Bids

You are requested to bid for the items described in the Statement of Requirements below, by completing and returning the following documentation:

1. The Bid Submission Sheet in this Part in the format specified in Part 1;
2. The Statement of Requirements in Part 2 in the format specified in Part 2;
3. Bidder's Detail Form must be completed and submitted together with the bid;
4. All Bidders must complete all schedules without fail for them to be eligible bidders to attach a copy of every document necessary to demonstrate eligibility in terms of section 28 (1) of the Regulations;
5. Proof of Registration with the Procurement Regulatory Authority of Zimbabwe (PRAZ) in the relevant category year 2023; Electrical Products: Cables and Materials, Power Back-Up Equipment, Transformers, Standby Generators, Consumables & Accessories (GE001);
6. A bid security of **USD500.00** payable in Zimbabwean Dollars at the RBZ prevailing Interbank rate of the day in the format specified in this part;
7. Proof of payment of **USD350.00** payable in Zimbabwean Dollars at the RBZ prevailing Interbank rate of the day to the Procurement Regulatory Authority of Zimbabwe Special Procurement Oversight Committee fee;
8. A copy of Certificate of Incorporation, CR 14; CR6 forms for local companies or equivalent company registration documents in the country of residence for foreign companies;
9. Proof of registration with ZIMRA;
10. Bid Validity of sixty (60) days must be clearly stated;
11. Delivery period is within eight (8) weeks after receipt of order and must be clearly stated.



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12. Payment terms within 30 days after delivery and must be clearly stated. **Invoices will be paid in Zimbabwean dollars at the prevailing interbank rate on the date of payment.**
13. Valid Letter of authorisation from manufacturer to be provided by Agents/Non-manufacturers.
14. Valid Copy of ISO 9001/2 certification to be provided with the bid.
15. Minimum of three (3) trade reference letters from customers with active contact details showing bidders' direct experience in the supply and delivery of new motor vehicles;
16. Manufacturer's supply history of at least 3 years to be provided with the bid.
17. **Technical Brochures with detailed literature** covering the tendered items to be included in the bid.
18. **Drawings and Diagrams** of the tendered items to be submitted with the bid
19. Results of **Type tests or type test reports** carried out by an independent Technical Institute on previously manufactured jointing kits must be submitted with the bid.
20. At least two manufacturer's trade references on an official letter head shall be submitted with the bid.
21. Bidders should note that only the main offers will be considered. No alternatives or options will be entertained unless on a separate bid.
22. Compliance statement to the technical specification **on a clause by clause basis** to be provided.
23. **Technical Guarantee schedule** to be completed in full, signed for and shall be compliant with ZETDC requirements

You are advised to carefully read the complete Bidding Document, as well as the Special Conditions of Contract in Part 3: 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. 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, the Bidder's name, and any reference number.

1.2 Lots

There are no lots in this bidding document. Award is per item.

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1.3 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. 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.

- **Bidders should note that only the main offers will be considered. No alternatives or options will be entertained unless on a separate bid.**

1.4 Clarifications

Clarification of the bidding document may be requested from ZETDC Supply Chain Manager in writing on duly signed company letterhead by email to procurement@zetdc.co.zw at any time on or before **8 August 2023**. If a prospective Tenderer sends an inquiry after the stated date or the inquiry is received by ZETDC after the stated date, ZETDC shall not respond to the inquiry but ignore it.

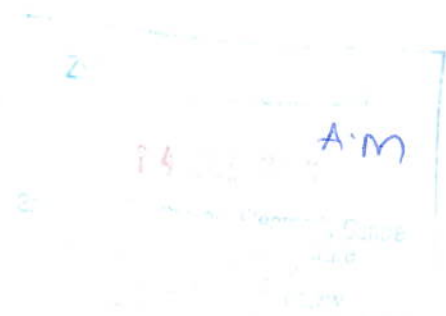
1.5 Responses to Clarifications

All responses to clarifications will be posted on ZETDC website www.zetdc.co.zw. Bidders should frequently check for updates on the website until the closing date of the tender.

1.6 Eligibility and qualification requirements

Bidders are required to meet the criteria in section 28 of the Act and section 28 (1) of the Regulations to be eligible to participate in public procurement and to be qualified for the proposed Contract. They must therefore;

1. have the legal capacity to enter into a contract;
2. 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;
3. have fulfilled their obligations to pay taxes and social security contributions in Zimbabwe;
4. not have a conflict of interest in relation to this procurement requirement;
5. not be debarred from participation in public procurement under section 72 (6) of the Act and section 74(1) I, (d) or (e) of the Regulations or declared ineligible under section 99 of the Act;
6. have the nationality of an eligible country as specified in the Special Conditions of Contract; and
7. 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.



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In addition to these eligibility requirements, Bidders must demonstrate that they have the qualifications, resources and experience to perform the contract to satisfactory standards, as indicated in the Statement of Requirements.

1.7 Pre-bid meeting and Site Visit

No pre-bid meeting and Site Visit has been organized.

1.8 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.

1.9 Submission of Bids

Bids must be submitted in writing in a sealed envelope to the address below, not later than the date and time of the deadline below. It is the Bidder's responsibility to ensure that they receive a receipt confirming submission of their bid that has correct details of the Bidder and the number of the Bid.

The Bidder must mark the envelope with the Bidder's name and address and the Procurement Reference Number.

Bids should be submitted in duplicate with one (1) original copy marked, "ORIGINAL" AND one (1) copy marked "COPY". All two (2) copies should be in sealed envelopes clearly marked with details of the tender, and should be deposited in a tender box situated at the below address. In the event of any discrepancy between the original and the copy, the original will prevail.

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

Date of deadline:	22 August 2023	Deadline Time:	10:00 hours
	ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY (ZETDC)		

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Submission address:	Ground Floor, Electricity Centre 25 Samora Machel Avenue Harare
Means of acceptance:	Bids in the sealed envelopes shall be deposited in a tender box situated at the above address. All the bidders should record their bids in the tender submission register situated thereto, in the format prescribed in the register.

1.10 Bid Opening

Bidders and their representatives may witness the opening of bids which will take place at the submission address immediately following the deadline.

1.11 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.

1.12 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 in the Price Schedule included in Part 2: Statement of Requirements.

1.13 Bid Security

The Bidder must provide a bid security of **USD500.00** payable in Zimbabwean Dollars at the RBZ prevailing Interbank rate of the day in the following form:

First Option. A certified bank cheque; or

Second Option. A bank guarantee; or

Third Option. A refundable cash deposit of **USD500.00** payable in Zimbabwean Dollars at the RBZ prevailing Interbank rate of the day to the Procurement Regulatory Authority of Zimbabwe (PRAZ) – If the third option is chosen, bidders must also submit proof of payment of non-refundable Bid Bond establishment fees of **USD150.00** payable in Zimbabwean Dollars at the RBZ prevailing Interbank rate of the day.

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IF A BIDDER CHOOSES SECOND AND THIRD OPTIONS THE FOLLOWING SHOULD BE NOTED:

Second Option

The required Bank Guarantee should include the following features and be redeemable in Zimbabwe in order for it to be considered valid:

1. Letterhead of registered commercial bank (i.e. the Supplier of the Bank Guarantee)
2. The Header has to clearly state that it is a Bank Guarantee.
3. Purpose of the Bank Guarantee to be clearly stated.
4. The date when the Common Seal of the said Surety was effected should be clearly shown.
5. Conditions of the said Obligations must be stated.
6. The physical address of the Surety should be given.
7. The validity period of the Bank Guarantee must be clearly stated.
8. Signature of surety and the date when it was endorsed must be clearly shown.
9. It must be an original document that is date stamped.
10. Bid Bonds from Insurance Companies are not acceptable.

The Bank Guarantee of the unsuccessful bidders will be released immediately after the award of the Tender while that of the winning bidder will only be released after signing of the contract.

Third Option

If Option 3 is chosen bidders must pay **USD500.00** payable in Zimbabwean Dollars at the RBZ prevailing Interbank rate of the day for the Bid Security that shall be Refundable at the end of the bid validity period plus another **USD150.00** that shall be non-refundable for cash bid bond establishment fee in line with Part V of the Procurement Regulations (S.I.193 of 2022). The amount is payable at Procurement Regulatory Authority of Zimbabwe (PRAZ), 9th Floor, Pearl House, 61 Samora Machel A venue, Harare or to be deposited in the following account numbers:

1 NON-REFUNDABLE (LOCAL)

BANK NAME: COMMERCIAL BANK OF ZIMBABWE
ACCOUNT NAME: PROCUREMENT REGULATORY AUTHORITY OF ZIMBABWE
ACCOUNT NUMBER: 01121064850020
BRANCH: KWAME NKRUMAH

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2 REFUNDABLE (LOCAL)

BANK NAME: COMMERCIAL BANK OF ZIMBABWE

ACCOUNT NAME: PROCUREMENT REGULATORY AUTHORITY OF ZIMBABWE

ACCOUNT NUMBER: 01121064850030

BRANCH: KWAME NKURUMAH

NB: The bid security shall be valid for sixty (60) days after the closing of this tender and the original proof of payment must be submitted together with the bid.

Any bid not accompanied by a Bid Security in accordance with section 26 (3) of the Regulations, will be rejected by the Procuring Entity as non-responsive.

1.14 Evaluation of Bids

Bids will be evaluated using the following methodology:

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 Regulation and to confirm that the Bid is administratively compliant in terms of section 28(2) of the Regulation.
2. Technical evaluation to determine their 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.

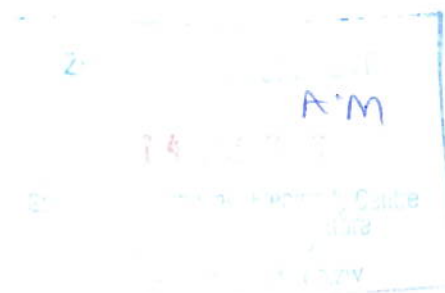
Bids failing any stage will be eliminated and not considered in subsequent stages.

1.15 Currency

Bids should be priced in United States Dollars.

1.16 Review by the Special Procurement Oversight Committee (SPOC)

Section 54 of the Act provides for review by the SPOC. This requirement will be subject to SPOC Review.



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1.17 Award of Contract

The lowest evaluated bid after the 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 the 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.

1.18 Right to Reject

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

1.19 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 has 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 debarment and other sanctions under section 74 (1) of the Regulations; and
3. Any conflict of interest on the part of the Bidder must be declared

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1.20 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 Price Schedule and Statement of Methodology, Work Plan and Schedule together with any other documents requested in Part 1. Any variation from the Statement of Requirements should be indicated in the Statement of Methodology, Work Plan and Schedule, otherwise you commit to complying fully with these Requirements.

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 should 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:	
Subject of Procurement:	
Name of Bidder:	
Bidder's Reference Number:	
Date of Bid:	

We offer to perform the services listed in the Statement of Requirements to the indicated specifications and standards, 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.

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:	
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Part 2: STATEMENT OF REQUIREMENTS

2.1 List of Services and Price Schedule

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Bidder's Name: _____

Bidder's Reference Number: _____



CURRENCY IS IN USD

<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>
Item No	Description of Services	Qty	UoM	Unit Price Excl Duty & VAT [to be provided by the Bidder]	Sub Total Excl Duty & VAT (<i>c x e</i>) [to be provided by the Bidder]	Duty (%) (% x <i>f</i>) [to be provided by the Bidder]	Sub Total Incl Duty & Excl VAT (<i>f + g</i>) [to be provided by the Bidder]	VAT (15%) (15% x <i>h</i>) [to be provided by the Bidder]	Total Incl Duty & VAT. (<i>h + i</i>) [to be provided by the Bidder]
1	Jointing kit 120-185mm 3C 11KV XLPE	1,500	ea						
2	Jointing kit 50-95mm ² 3C 11KV PILC	200	ea						
3	Jointing kit 50-95mm ² 3C 11KV XLPE	200	ea						

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2.2 Delivery Schedule

Procurement Reference Number: ZETDC/DOM/34/2023

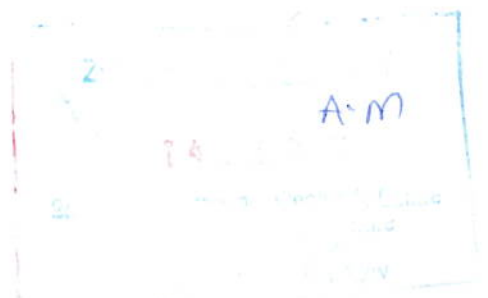
Bidder's Name: _____

Bidder's Reference Number: _____

Item No.	Description of Goods	Qty	UOM	Delivery Required Procuring and INCOTERM	Date by Entity applicable	Bidder's offered Delivery period & Incoterm
						<i>To be provided by the bidder</i>
1	Jointing kit 120-185mm 3C 11KV XLPE	1,500	ea	8 weeks or better, CIF ZETDC Stores	Central	
2	Jointing kit 50-95mm ² 3C 11KV PILC	200	ea	8 weeks or better, CIF ZETDC Stores	Central	
3	Jointing kit 50-95mm ² 3C 11KV XLPE	200	ea	8 weeks or better, CIF ZETDC Stores	Central	

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: *ZETDC Central Stores, No 1 Harare Drive, Ardbennie, Harare, Zimbabwe*



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2.3 TECHNICAL SPECIFICATIONS AND COMPLIANCE FOR JOINTING KITS

2.3.1 SCOPE

This specification calls for supply and delivery of cable jointing kits and termination kits suitable for copper and aluminium XLPE and PILC cables up to 132 kV.

The Specification also covers transition joints for jointing PILC Cables to XLPE Cables.

2.3.2 STANDARDS, LANGUAGE AND UNITS

Jointing kits, termination kits and transition jointing kits to be supplied under this specification shall conform to the following standards:

- i. VDE 0278:
- ii. IEC Standards
- iii. BS where they amplify IEC Standards

All tenders, correspondence, description upon drawings, illustrations or instructions shall be in unambiguous English Language. SI Units of measurements shall be used throughout. The termination and jointing kits shall be manufactured to high quality standards.

The kits shall be sourced from manufacturers who have ISO 9001 or 9002 Certification. Evidence of the ISO certification shall be provided with the bid. The kits shall have a shelf life of at least 3 years.

2.3.3 PARTICULARS OF ENVIRONMENT

The kits will either be subjected to Atmospheric or Underground Environment or both.

1. Particulars Of Atmospheric Environment

The joints and terminations shall be capable of operation under the following atmospheric conditions:

- a) At an average altitude of 1 500m above sea level.
- b) Ambient air temperatures not exceeding +45 degrees centigrade or below -10 degrees centigrade with a maximum daily average of 35°C.
- c) Humidity of 13 mg per cubic meter absolute and 65% Relative Humidity before storms with vapour pressure of 17 mm hg.
- d) Equipment will operate within the tropics and is subject to sudden ambient air temperature changes of the order of 10 degrees centigrade per hour occurring at the onset of rain, but the barometric pressure at any given place does not vary by more than ($\pm 7\%$).

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- e) Frequent and severe lightning storms occur during summer months, with isokeraunic levels varying between 50 and 100 thunderstorm days per annum.
- f) Particular attention should be paid in the design of the equipment to prevent damage due to ingress of dust, insect and vermin which are prevalent for long periods in the year.

2. Particulars of The Underground Environment

In addition to being exposed to the conditions under 5.1 the joints shall be capable of operation in the following ground conditions:-

- a) In soil with thermal resistivity of 1.2 K.m/W.
- b) The depth of burial from ground surface to centre of joint shall be 850mm for the 11kV joints, 1050mm for the 33kV joints and 1300mm for cables greater than 33kV.\
- c) The mean ground temperature at this depth being 25 degrees centigrade with maximum value of 30 degrees centigrade.
- d) A foundation or bed of washed pit sand 150mm deep is laid in the trench first followed by a second 150mm pit sand above the cable. It is then backfilled by 450mm of earth before the yellow cable marker ribbon is laid and the trench completely closed.

2.3.4 ELECTRICAL EQUIPMENT MATERIALS

All materials incorporated in the equipment shall be new and of first class commercial quality free from defects and imperfections.

The kits shall have characteristics equal to or better than the cable they are applicable for. They shall withstand the local environmental conditions stated above. The kits shall have electrical and mechanical strengths equal to or better than the cable. The kits shall consist of light and ultraviolet resistant materials which shall be non-tracking and self-cleansing.

The equipment shall withstand the impulse insulation levels and short circuit currents equal to or higher than the cable.

2.3.5 CONSTRUCTION

1. General

The kits shall have electrical and mechanical properties that are better than those of the cable to be joined or terminated. The joints and terminations shall be any of the following types:

- i. Heat shrink
- ii. Resin filled
- iii. Heat shrink/Resin filled
- iv. Cold Shrink
- v. Any other proven design, as long as adequate test reports and supply records are supplied.

All components of a kit shall have a shelf life of at least 3 years. All jointing kits shall be supplied complete with ferules. Ferules requiring use of crimping tools are not acceptable and will be rejected.

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Joints and termination kits that require use of heated compounds such as Bitumen are not acceptable and will be rejected. All resin or filling compound shall be suitable for use at ambient temperatures ranging from 15 degrees Celsius to 40 degrees Celsius.

All parts and materials shall be subjected to a programme of tests to be agreed with the manufacturer.

- a) The kits shall be suitable for both aluminium and copper cables.
- b) The terminations and jointing kits shall require minimum manual preparation of the insulation e.g tapering.
- c) The method of jointing or termination shall not require special skills beyond those normally acquired by an experienced workman.
- d) Jointing kits employing tapes are not acceptable and will be rejected.
- e) Jointing kits requiring extreme hygienic conditions for preparation are not preferred.

2. Cable Joints

The joints shall be watertight, free from sharp points or ridges, thoroughly clean internally and externally and designed to retain the filling medium at all times without leakage. The sleeves shall be of sufficient diameter and length to permit colour-to-colour jointing without undue bending, handling or deformation of the cores. The joints shall be water proof. **Joints using tapes are not acceptable and will be rejected.**

3. Instructions

Detailed instructions for jointing and terminating cables shall be included in the bid. Also each kit shall be delivered with detailed instructions for jointing or terminating the cables. **ZETDC has the right to reject any bid with jointing and termination instructions which does not comply with its standard practice.**

4. Materials

A kit shall be complete with all materials contained in a box complete with Ferules or Connectors supplied. Ferules are to be specified to accommodate both copper and aluminium cables.

Ferules that require use of a crimping tool are not acceptable and will be rejected. Each set of jointing materials shall be packed as one complete self-contained unit package for direct issue to a joiner at a work site.

Heat shrink tubing and moulded parts shall be flexible, flame retardant, material of electrical insulating quality, and shall be obtained from an approved manufacturer. They shall be suitable for use indoors and outdoors in the conditions prevailing on site.

Each part shall bear the manufacturer's mark, part number and any other necessary markings to ensure correct identification for use on the correct size and type of cable. Each set of parts shall be packed as one unit with full and complete installation instructions and clearly marked to show the application.

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The materials shall reduce to the predetermined size and shape when heated above 120°C. The components shall also be provided with an internal coating of hot melt adhesive compound which shall not flow or exude at temperatures below 85°C.

5. Voltage Rating

The Cable terminations kits, jointing kits and transition joints will be used on networks with nominal voltages that is given in the schedule of requirements. The maximum continuous voltage will be 110% of the nominal voltage of the particular network. The rated one minute power frequency withstands shall be 28, 70 and 275kV for 11, 33 and 132kV kits. The basic Insulation level shall be 75, 170 and 650kV for the 11, 33 and 132kV kits.

The Specific wet flashover voltage shall be at least 3kV/cm

6. Tests Certificates

Test certificates from internationally recognised and unbiased Test Institute (eg. KEEMA) shall be submitted with the bid. Proof that the Test Institute is recognised by IEC shall be provided with the bid. A minimum requirement is that the Test Institute is used by international clients in testing their products. The tests shall be in accordance with the relevant IEC Standards or other relevant standards of equal standing.

7. Supply and Delivery

Each kit shall be delivered with enclosed manuals in unambiguous English language giving detailed and illustrated step by step instructions for use as well as detailed explanation of each component's task and purpose.

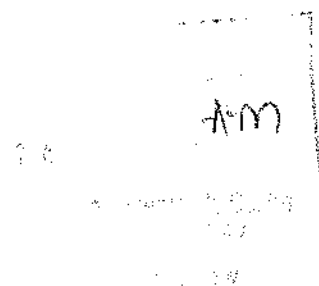
All technical literature relating to the terminations and jointing system shall be provided with the Tender.

8. XLPE to XLPE Joints

The kit can be any of the types mentioned in clause 7.1. The kits shall be suitable for both aluminium and copper cables, armoured and unarmoured cables. The kits shall not contain components that are likely to adversely affect the XLPE cables, and shall be fully compatible with all components of an XLPE cable.

9. PILC Cable joints

These will be required mostly for maintenance, as the procurement of PILC cables has been stopped in favour of XLPE cables. All components in a kit shall be fully compatible with components making up the PILC cable.



STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

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10. Transition Joints: XLPE to PILC Cable

Transition Joints will be used for jointing XLPE to PILC Cables as ZESA is phasing out use of PILC cables. The kits shall ensure that the oil contained in the PILC cable does not interfere with the XLPE insulation. All components in the kit shall be fully compatible with both XLPE and PILC cables. The kits shall be supplied complete with solid centre ferrules, compound, jointing tube. The transition joints shall be resin filled, and shall be supplied with connectors.

11. Joints for Low Voltage Cables (Cables rated up to 1000 volts)

The joints shall comply with SAZS 555 Part 1 of 1997. This standard is available from Standards Association of Zimbabwe. The joints shall be supplied complete with ferrules suitable for both aluminium and copper conductor. Soldered connectors are not acceptable.

The certificate shall be submitted as per requirements of SAZ 5555.

Joints using heat shrink tubing are not acceptable. Kits requiring use of heat are not acceptable.

The following type of kits are required:

- a) PVC SWA to PVC SWA: cable
- b) PVC SWA to PILC: cable-Transition
- c) PVC SWA to XLPE: cable-Transition
- d) PILC to XLPE: cable-Transition
- e) PILC to PILC cable
- f) XLPE to XLPE-cable

All other requirements are as per clause 1 to 7.4

12. Terminations

The terminations shall be suitable for terminating XLPE and PILC cables. Kits that incorporate Porcelain insulators or require filling with oil are not acceptable and will be rejected. The terminations shall be of any design stated in clause 7.1. They shall be suitable for either indoor or outdoor terminating, as indicated in the schedule of requirements. They shall incorporate suitable stress control and ram sheds (where applicable) for outdoor use.

Stress cones or other approved means shall be provided for grading the voltage stress on the core insulation of screened cables.

Provision shall be made for earthing all sealing end base plates, cable boxes, glands and armour clamps.

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13. Termination Kits for Low voltage cables

The cable Termination kits shall consist of a bushing and an impact resistant polyethylene hood. There shall be slots inside the bushing, to enable the cores of the cable to be bent over and be pushed into these slots, before the hood is pushed over them.

14. Information to be supplied by the Supplier

The following information shall be supplied with the bid and included in each kit on delivery.

- a) the maximum voltage
- b) the diameter of cable entries and conductor types and the sizes that are accommodated.
- c) Installation instructions that are specific to the joint;
- d) the contents;
- e) the name of the manufacturer and the reference number;
- f) Instructions on how to use the resin compound in the manner necessary to develop the properties and to reach the level of performance specified in this standard.
- g) Instructions on how to keep the resin compound before use in conditions that will comply with any relevant regulations and that will ensure that the resin compound retains its properties for one year (see 6.1.2.4)

15. MARKING AND LABELLING, PACKAGING AND INFORMATION TO BE GIVEN BY THE MANUFACTURER

15.1 Marking and Labelling

All joint shells or outer coverings shall be permanently and legibly marked with a reference that will enable the range of cables for which the joint is suitable to be identified from the manufacturer's literature.

All conductor connectors shall be permanently and legibly marked with the conductor type and size or a reference number that will enable this information to be obtained from the manufacturer's literature.

Individual resin kits shall be permanently and legibly marked with the following information:

- a) the manufacturer's name;
- b) the type of cold pour resin compound (when specified).
- c) The contents;
- d) The batch number(s);
- e) The reference number;
- f) The defined storage conditions and expiry date (for resin kits)
- g) The health and safety marking and handling instructions (for resin kits)
- h) The mixing instructions (for resin kits)
- i) This SAZ standard number;

STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

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15.2 Packaging

Packaging shall be sufficient to ensure that deterioration of the components will not happen under cover, dry storage within the stated ambient air temperatures such that the performance of these kits will not be affected.

2.3.6 TECHNICAL GUARANTEE SCHEDULE

Please complete this schedule by stating the actual tendered HDA conductor specification in the column labeled Guaranteed Value.

1. TECHNICAL GUARANTEE SCHEDULE FOR XLPE-XLPE JOINTING KITS

JOINTING KITS: XLPE-XLPE				
Item	Description	Unit	Requirement	Guaranteed Value
1	Number of Cores		3	
2	Cable Type		XLPE-XLPE	
3	Voltage Rating	kV	11	
4	Conductor Size Range	mm sq.	50 -95	
5	Specific wet flashover	kV/cm	at least 3kV/cm	
6	Basic Insulation Level	kV	75	
7	Short circuit current rating	kA	At least 25kA for 3 seconds	
8	Specific creepage distance	mm/kV	25	
9	Rated one minute power frequency withstand Voltage	kV	28	
10	Ferules that require use of a crimping tool	Yes/No	No	
11	kits shall be suitable for both aluminium and copper cables	Yes/No	Yes	
12	Kit shall be complete with all materials contained in a box complete with Ferules or Connectors supplied	Yes/No	Yes	
13	Shelf life of all components Supplied		At least 3 years	
14	Depth of laying	mm (min)	500	

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STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

2. TECHNICAL GUARANTEE SCHEDULE FOR XLPE-XLPE JOINTING KITS

JOINTING KITS: XLPE-XLPE				
Item	Description	Unit	Requirement	Guaranteed Value
1	Number of Cores		3	
2	Cable Type		XLPE-XLPE	
3	Voltage Rating	kV	11	
4	Conductor Size Range	mm sq.	120-185	
5	Specific wet flashover	kV/cm	at least 3kV/cm	
6	Basic Insulation Level	kV	75	
7	Short circuit current rating	kA	At least 25kA for 3 seconds	
8	Specific creepage distance	mm/kV	25	
9	Rated one minute power frequency withstand Voltage	kV	28	
10	Ferules that require use of a crimping tool	Yes/No	No	
11	kits shall be suitable for both aluminium and copper cables	Yes/No	Yes	
12	Kit shall be complete with all materials contained in a box complete with Ferules or Connectors supplied	Yes/No	Yes	
13	Shelf life of all components Supplied		At least 3 years	
14	Depth of laying	mm (min)	500	
15	Ground Temperature	°C	25	

3. TECHNICAL GUARANTEE SCHEDULE FOR PILC-PILC JOINTING KITS

JOINTING KITS: PILC-PILC				
Item	Description	Unit	Requirement	Guaranteed Value
1	Number of Cores		3	
2	Cable Type		PILC-PILC	
3	Voltage Rating	kV	11	
4	Conductor Size Range	mm sq.	50-95	
5	Specific wet flashover	kV/cm	at least 3kV/cm	
6	Basic Insulation Level	kV	75	
7	Short circuit current rating	kA	At least 25kA for 3 seconds	
8	Specific creepage distance	mm/kV	25	

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STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

9	Rated one minute power frequency withstand Voltage	kV	28	
10	Ferules that require use of a crimping tool	Yes/No	No	
11	kits shall be suitable for both aluminium and copper cables	Yes/No	Yes	
12	Kit shall be complete with all materials contained in a box complete with Ferules or Connectors supplied	Yes/No	Yes	
13	Shelf life of all components Supplied		At least 3 years	
14	Depth of laying	mm (min)	500	

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STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

2.4 Declaration of Conflict/Non-Conflict of Interest and Non-Disclosure Form

To: The Managing Director (A)
Zimbabwe Electricity Transmission & Distribution Company (Private) Limited
2nd Floor, Electricity Centre
25 Samora Machel Avenue
HARARE

RE: DECLARATION OF CONFLICT OF INTEREST

I,, being the Supplier participating in the tender for the procurement of do hereby declare as follows:

I declare that to the best of my knowledge, I DO HAVE/DO NOT HAVE conflict(s) of interest that prevent my full and impartial participation of tender number..... The nature of this conflict is described below: -

.....
.....
.....
.....

.....
Signature Date

NOTES
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 integrity and, in doing so, the best interests of the company.

- Examples of conflict of interest
- 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 Electricity Transmission & Distribution 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

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.

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STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

2.5 Bidder's Details

Tender Number: ZETDC/DOM/34/2023

Name of Bidder: _____

Physical Address: _____

Active Telephone Numbers: _____

Active email Address: _____

Tick the Option chosen to pay Bid Security

First Option. A certified bank cheque; or

Second Option. A bank guarantee; or
Name of the Bank: _____

Third Option. A refundable cash deposit of **USD500.00**
equivalent to the Procurement Regulatory Authority of
Zimbabwe (PRAZ)

Banking Details

Account Name: _____

Bank: _____

Branch: _____

Account Number: _____

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STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

2.6 Declaration by the Accounting Officer

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

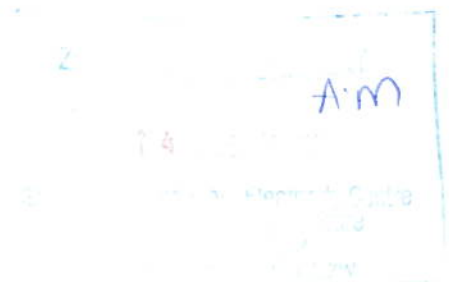
Eng. H. Choga



Signed

14/07/2023

Date



STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

Part 3: CONTRACT

CONTRACT AGREEMENT

{For completion with the authorised representative of the Procuring Entity following Notification of Contract Award.}

Procurement Reference:

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

BETWEEN

- (1) [insert complete name of Procuring Entity], a [insert description of type of legal entity, for example, an agency of the Ministry of of the Government of Zimbabwe, or corporation incorporated under the laws of Zimbabwe] and having its principal place of business at [insert full postal address of Procuring Entity] (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 Services, viz., [insert brief description of Services] and has accepted a Bid by the Contractor for the performance of those Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency] (hereinafter called "the Contract Price").

THE PROCURING ENTITY AND THE CONTRACTOR AGREE AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively 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) Schedule of Requirements;

STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

- (e) The Contractor's Bid Submission Sheet, List of Services and Price Schedule and Statement of Methodology, Work Plan and Schedule;
 - (f) The Procuring Entity's Notification of Contract Award;
 - (g) [Add here any other document(s)].
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 for 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 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 for the performance of the 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.

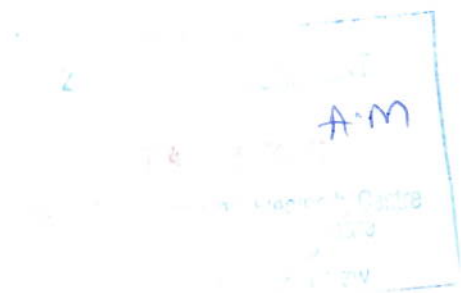
IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed in accordance with the laws of Zimbabwe on the day, month and year indicated above.

For and on behalf of the Procuring Entity

Signed:
Name:	
In the capacity of:	[Title or other appropriate designation]

For and on behalf of the Contractor

Signed:
Name:	
In the capacity of:	[Title or other appropriate designation]



STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

General Conditions of Contract

Any resulting contract is subject to the Zimbabwe General Conditions of Contract (GCC) for the Procurement of Non-Consulting Services (copy available on the Authority's website) except where modified by the Special Conditions below.

Special Conditions of Contract

Procurement Reference Number: ZETDC/DOM/33/2023

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 3.6 and 8.1	Authorised representatives: <ol style="list-style-type: none">1. The authorised representative of the Procuring Entity is [names and contact details, including address for delivery of notices].2. The authorised representative of the Contractor is {names and contact details, including address for delivery of notices}.
GCC 7.4	Ineligible countries: Nationals of the following countries are ineligible to be a Contractor or Sub-Contractor under this Contract. None
GCC 18.1	Liquidated damages: Liquidated Damages in terms of section 88 of the Act shall/ apply at a rate of one percent (1%) of the total cost of the order/job card per hour up to a maximum of 120 hours after which the contract may be cancelled.
GCC 19.1	Commencement of Services: The date or period of time for commencement of services is after signing of the contract and receipt of the order.
GCC 20.1	Completion of Services: The date for completion of Services or the period within which the Services are required to be performed, after receipt of order.
GCC 22.2	Contract price: Costs specifically excluded from the Contract price are [list excluded cost items].

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10/10/2023

STANDARD BIDDING DOCUMENT FOR THE SUPPLY AND DELIVERY OF JOINTING KITS

Procurement Reference Number: ZETDC/DOM/33/2023

GCC reference	Special Conditions
GCC 22.3	Payment schedule: The terms of payment shall be [State: <ul style="list-style-type: none"> i. For regularly performed services: the specified period (usually one calendar month) for which payment will be made for the total amount of Services performed during that period;
GCC 23.1	Price adjustment: [State whether prices will be fixed for the Contract Period or any adjustment factor that shall apply.]
GCC 24.2	Payment procedure: [State any other documentation that must accompany the Contractor's invoice.]
GCC 28.1	Insurance to be taken out by the Contractor: [The risks and the coverage shall be as follows: <ul style="list-style-type: none"> (a) Third Party motor vehicle liability insurance in respect of motor vehicles operated in Zimbabwe by the Contractor or its Personnel or any Sub-Contractor or their Personnel, with a minimum coverage of [insert amount and currency]; (b) Third Party liability insurance, with a minimum coverage of [insert amount and currency]; (c) professional liability insurance, with a minimum coverage of [insert amount and currency]; (d) employer's liability and workers' compensation insurance in respect of the Personnel of the Contractor and of any Sub-Contractor, in accordance with the relevant provisions of laws of Zimbabwe, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate; and (e) Insurance against loss of or damage to equipment purchased in whole or in part with funds provided under this Contract. <p style="text-align: right;">[Note: Delete what is not applicable].</p>
GCC 30.1	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 and the applicable Fee is \$ [State applicable Fee or delete].

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