



Ministry of Education
State Department for Vocational and Technical
Training

KfW Development Bank

German Financial Cooperation with Kenya:
Promotion of Youth Employment and Vocational Training in Kenya
BMZ No. 2016 67 211 / 2016 65 298

International Competitive Bidding
ICB-02/MOE-VTT/TVET/KfW 2016 67 211/002/2021-2022

Bidding Documents for:

Supply, Delivery and Commissioning of Equipment for Technical
Training Institutes in Kenya:
Training and Technical Equipment for Automotive
Mechatronics and Body Building

Lot 1: Technical Automotive Equipment and related accessories
Lot 2: Training Systems for Automotive Mechatronics
Lot 3: Automotive Body Building and Repair

March 2022

INVITATION FOR BIDS

Ministry of Education, State Department for Vocational and Technical Training

Promotion of Youth Employment and Vocational Training in Kenya

BMZ No. 2016 67 211 / 2016 65 298

KfW procurement number: BMZ201667211/KFW507915

8.03.2022

Tender Reference: ICB-02/MOE-VTT/TVET/KfW 2016 67 211/002/2021-2022

The State Department for Vocational and Technical Training, Ministry of Education, Government of the Republic of Kenya has received financing from KfW toward the cost of the programme “Promotion of Youth Employment and Vocational Training in Kenya”, and intends to apply part of the proceeds toward payments under the contract(s) for *Supply, Delivery and Commissioning of Equipment for Technical Training Institutes in Kenya: Training and Technical Equipment for Automotive Mechatronics and Body Building*.

The Ministry of Education, State Department for Vocational and Technical Training, now invites sealed Bids from eligible Bidders for *the supply of training and technical equipment for automotive mechatronics and body building, including delivery, installation, and related training at: Nairobi Technical Training Institute (NTTI) and Thika Technical Training Institute (TTTI)*. This tender includes 3 Lots. Lot 1: *Technical Automotive Equipment and related accessories*; Lot 2: *Training Systems for Automotive Mechatronics*; Lot 3: *Automotive Body Building and Repair*. The required items, quantities, delivery periods, and other details are specified in the bidding document.

Bidding will be conducted by means of the International Competitive Bidding procedure with qualification as specified in KfW’s Procurement Guidelines (“Guidelines for the Procurement of Consulting Services, Works, Plant, Goods and Non-Consulting Services in Financial Cooperation with Partner Countries”, Version 2019; updated 2021), with due regard to the Kenyan Public Procurement and Asset Disposal Act (2015) and regulations 2020.

Interested eligible Bidders may obtain further information from the Ministry of Education, State Department for Vocational and Technical Training, on 7th floor room 706 Uchumi House, Along Agha Khan Walk or by writing to the following email address: tenders.moe.tvet@gmail.com.

A complete set of bidding documents is available to interested Bidders and can be downloaded from the Ministry of Education website <https://www.education.go.ke/index.php/tenders>. In order to receive any potential notifications in relation to these bidding documents, interested Bidders should immediately send their contact details (including the tender reference number) to the email address: tenders.moe.tvet@gmail.com.

Bids must be delivered to the Tender Box marked Ministry of Education, State Department for Vocational and Technical Training KfW project located on the ground floor of Jogoo

House B, Harambee Avenue on or before **11.00 am (East Africa Time), 21st April 2022.**
Late Bids will be rejected.

Bids will be opened in a public session on 10th floor of Jogoo House B, Conference room in the presence of the Bidders' designated representatives.

All Bids must be accompanied by a **Bid Security of two percent (2%)** of the Total Bid Price, and in accordance with the Instructions to Bidders.

The Purchaser will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.

HEAD SUPPLY CHAIN MANAGEMENT
FOR ; PRINCIPAL SECRETARY
STATE DEPARTMENT FOR VOCATIONAL AND TECHNICAL TRAINING

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PART 1 – Bidding Procedures

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Section I. Instructions to Bidders¹

A. General

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|--|---|
| 1. Scope of Bid | <p>1.1 In connection with the Invitation for Bids, specified in the Bid Data Sheet (BDS), the Purchaser, as specified in the BDS, issues these Bidding Documents for the Procurement of Goods and Related Services incidental thereto as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this International Competitive Bidding (ICB) are specified in the BDS.</p> <p>1.2 Throughout these Bidding Documents:</p> <ul style="list-style-type: none"> (a) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, telex) with proof of receipt; (b) If the context so requires, “singular” means “plural” and vice versa; and (c) “Day” means calendar day. |
| 2. Source of Funds | <p>2.1 The Purchaser specified in the BDS has applied for or received financing (hereinafter called “funds”) from the KfW Entwicklungsbank (hereinafter called “the KfW”), toward the project named in the BDS. The Purchaser intends to apply a portion of the funds to eligible payments under the contract for which these Bidding Documents are issued.</p> |
| 3. Corrupt and Fraudulent Practices | <p>3.1 KfW requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section VI.</p> <p>3.2 In further pursuance of this policy, Bidders shall permit and shall cause its agents to provide information and permit KfW or an agent appointed by KfW to inspect on site all accounts, records and other documents relating to bid submission and contract performance (in the case of award), and to have them audited by auditors or agents appointed by KfW.</p> |
| 4. Eligible Bidders | <p>4.1 A Bidder may be a firm that is a private entity, a state-owned entity- subject to ITB 4.3 - or any combination of such entities in the form of a joint venture (“JV”) under an existing JV Agreement or with the intent to enter into such an agreement supported by a letter of intent to execute a JV Agreement, in accordance with ITB 11.2. In the case of a JV, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The Bidder shall nominate an authorised</p> |

¹ [Text in this Section shall not be modified.]

representative who shall have the authority to conduct all business for and on behalf of Bidder and any and all its members, if the Bidder is a JV, during bidding and contract execution (in the event the Bidder is awarded the Contract). Unless specified in the BDS, there is no limit on the number of members in a JV.

4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:

- (a) Directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- (b) Receives or has received any direct or indirect subsidy from another Bidder; or
- (c) Has the same legal representative as another Bidder; or
- (d) Has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or
- (e) Participates in more than one bid in this bidding process, both as an individual firm and as a JV member. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
- (f) Any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods that are the subject of the bid; or
- (g) Any of its affiliates has been hired (or is proposed to be hired) by the Purchaser for the Contract implementation; or
- (h) Has a close business or family relationship with a professional staff of the Purchaser (or of the project implementing agency, or of a recipient of a part of the funds) who: (i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the KfW throughout the procurement process and execution of the contract.

4.3 The KfW's eligibility criteria to bid are described in Section V, Eligibility criteria.

- 4.4 A Bidder shall not be under suspension from bidding by the Purchaser as the result of the execution of a Bid-Securing Declaration.
- 4.5 This bidding is open only to eligible Bidders, who will be subject to qualification.
- 4.6 A Bidder shall provide such evidence of eligibility satisfactory to the Purchaser, as specified in ITB 17.1 or as the Purchaser shall reasonably request.
- 5. Eligible Goods and Related Services**
- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the KfW shall have their origin in any country in accordance with Section V, Eligibility Criteria.
- 5.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

- 6. Sections of Bidding Documents**
- 6.1 The Bidding Documents consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.

PART 1 - Bidding Procedures

- Section I. Instructions to Bidders (ITB);
- Section II. Bid Data Sheet (BDS);
- Section III. Qualification and Evaluation Criteria;
- Section IV. Bidding Forms;
- Section V. Eligibility Criteria;
- Section VI. KfW Policy - Corrupt and Fraudulent Practices and Social and Environmental Responsibility;

PART 2 - Supply Requirements

- Section VII. Schedule of Requirements;

PART 3 - Contract

- Section VIII. General Conditions of Contract (GC);
 - Section IX. Particular Conditions of Contract (PC);
 - Section X. Contract Forms.
- 6.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.
- 6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the Bidding Documents, responses to requests for clarification or Addenda to the Bidding Documents in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.
- 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as is required by the Bidding Documents.
- 7. Clarification of Bidding Documents**
- 7.1 A Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than 14 (fourteen) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so **specified in the BDS**, the Purchaser shall also promptly publish its response at the web page **identified in the BDS**. Should the clarification result in changes to the essential elements of the Bidding Documents, the Purchaser shall amend the Bidding Documents following the procedure under ITB 8 and ITB 22.2.
- 8. Amendment of Bidding Document**
- 8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addenda.
- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB 22.2.

C. Preparation of Bids

- 9. Cost of Bidding** 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 10. Language of Bid** 10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language **specified in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents Comprising the Bid** 11.1 The Bid shall comprise the following:
- (a) Qualification
 - (i) Bid Submission Form [see also (b)(i) below], in accordance with Section III (1.2) (Table 1);
 - (ii) Declaration of Undertaking duly signed, in accordance with Section III (1.2) (Table 1);
 - (iii) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2 and Section III (1.2) (Table 1);
 - (iv) Any other forms and supporting documents required in Section III (1.1) (1.2) (Tables 1 to 5).
 - (b) Technical and Financial Bid
 - (i) Bid Submission Form and the Bidding Forms in accordance with ITB 12;
 - (ii) Completed schedules, in accordance with ITB 12 and 14;
 - (iii) Bid Security, in accordance with ITB 19.1;
 - (iv) Alternative bids, if permissible, in accordance with ITB 13;
 - (v) Documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its Bid is accepted;
 - (vi) Documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
 - (vii) Documentary evidence in accordance with ITB 16, that the Goods and Related Services to be supplied by the Bidder are of eligible

- origin;
- (viii) Documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the Bidding Documents;
- (ix) Any other document **required in the BDS**.
- 11.2 In addition to the requirements under ITB 11.1, bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all members and submitted with the bid, together with a copy of the proposed Agreement.
- 11.3 The Bidder shall furnish in the Bid Submission Form information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
- 12. Declaration of Undertaking, Qualification Forms, and Bid Submission Form, Bidding Forms, Price Schedules**
- 12.1 The Declaration of Undertaking and the Qualification Forms as listed in ITB 11.1(a) shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.4. All blank spaces shall be filled in with the information requested.
- 12.2 The Bid Submission Form, the Price Schedules, and the Bidding Forms as listed in ITB 11.1(b) shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.4. All blank spaces shall be filled in with the information requested.
- 13. Alternative Bids**
- 13.1. Unless otherwise **specified in the BDS**, alternative bids shall not be considered.
- 14. Bid Prices and Discounts**
- 14.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.
- 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 14.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.
- 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Bid Submission Form.
- 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, **unless otherwise specified in the BDS**. A bid submitted with an adjustable price

quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 30. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.

- 14.6 If so specified in ITB 1.1, bids are being invited for individual lots (contracts) or for any combination of lots (packages). Prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the bids for all lots (contracts) are opened at the same time.
- 14.7 The term CIP (Carriage and Insurance Paid to), and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by The International Chamber of Commerce, as **specified in the BDS.**
- 14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligibility Criteria. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligibility Criteria. Prices shall be entered in the following manner:
- (a) For Goods manufactured in the Purchaser's Country:
 - (i) The price of the Goods quoted CIP named place of destination (final destinations), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
 - (ii) All related services required in these Bidding Documents; and
 - (iii) Any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the contract is awarded to the Bidder.
 - (b) For Goods manufactured outside the Purchaser's Country, to be imported:

- (i) The price of the Goods, quoted CIP named place of destination (port of entry and/or place of customs clearance), in the Purchaser's Country, **as specified in the BDS**; and
 - (ii) All related services required in these Bidding Documents.
- (c) For Goods manufactured outside the Purchaser's Country, already imported:
- (i) The price of the Goods, quoted CIP named place of destination (final destinations), excluding the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
 - (ii) All related services required in these Bidding Documents; and
 - (iii) All custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported in the Purchaser's country, payable on the Goods, if the Contract is awarded to the Bidder;
 - (iv) Any Purchaser's Country sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
- (d) For Related Services specified in Section VII - Schedule of Requirements:
- (i) All related services are to be included in the respective Price Schedule [(a), (b), or (c) above] submitted by each Bidder.
15. **Currencies of Bid and Payment** 15.1 The currency(ies) of the bid and the currency(ies) of payments shall be **as specified in the BDS**. The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country, unless otherwise **specified in the BDS**.
16. **Documents Establishing the Eligibility and Conformity of the Goods and Related Services**
- 16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
- 16.2 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 16.3 The documentary evidence may be in the form of

literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.

16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

17. Documents Establishing the Eligibility and Qualifications of the Bidder

17.1 To establish Bidder's their eligibility in accordance with ITB 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

- (a) That, if **required in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
- (b) That, if **required in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (c) That the Bidder meets each of the qualification criterion specified in Section III, Qualification and Evaluation and Criteria.

18. Period of Validity of Bids

18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed

by the Purchaser in accordance with ITB 22.1. A bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.

- 18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 19, it shall also be extended for forty-two (42) days beyond the deadline of the extended validity period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB 18.3.
- 18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:
- (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS**;
 - (b) In the case of adjustable price contracts, no adjustment shall be made;
 - (c) In any case, bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

- 19.1 The Bidder shall furnish as part of its bid, a Bid Security, as **specified in the BDS**, in original form and in the amount and currency **specified in the BDS**.
- 19.2 A Bid Security shall use the form included in Section IV, Bidding Forms, without deviations. The Bid Security must be issued in the currency of the Bid.
- 19.3 If a Bid Security is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:
- (a) An unconditional guarantee issued by a reputable bank or financial institution (such as an insurance, bonding or surety company);
 - (b) A cashier's or certified check issued by a bank; or
 - (c) Another security **specified in the BDS**;

From a reputable source from an eligible country as specified in Section V, Eligibility Criteria. Bidders are free to use any reputable bank for the purpose of issuing the required Bid Security, subject to all conditions of ITB 19 are being met without exception; the issuing bank shall have a correspondent bank in the Purchaser's country. In the case of a bank guarantee, the Bid Security shall be submitted

either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to bid submission. The Bid Security shall be valid for forty-two (42) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.

- 19.4 If a Bid Security is specified pursuant to ITB 19.1, any bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.
- 19.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB 42.
- 19.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security.
- 19.7 The Bid Security may be forfeited:
- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, or any extension thereto provided by the Bidder; or
 - (b) If the successful Bidder fails to:
 - (i) Sign the Contract in accordance with ITB 41; or
 - (ii) Furnish a performance security in accordance with ITB 42.
- 19.8 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, the Bid Security shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2.
- 19.9 If a Bid Security is **not required in the BDS**, pursuant to ITB 19.1, and:
- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, or any extension thereto provided by the Bidder; or
 - (b) If the successful Bidder fails to: sign the Contract in accordance with ITB 41; or furnish a performance security in accordance with ITB 42;

the Purchaser may, **if provided for in the BDS**, declare the Bidder ineligible to be awarded a contract by the

Purchaser for a period of time **as stated in the BDS**.

20. Format and Signing of Bid

- 20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11, clearly mark "ORIGINAL". Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE". In addition, the Bidder shall submit copies of the bid, in the number **specified in the BDS** and clearly mark them "COPY". In the event of any discrepancy between the original and the copies, the original shall prevail.
- 20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation **as specified in the BDS** and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or initialed by the person signing the bid.
- 20.3 In case the Bidder is a JV, the Bid shall 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. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, then the Bid shall be signed by every member of the proposed JV.
- 20.4 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

D. Submission and Opening of Bids

21. Sealing and Marking of Bids

- 21.1 The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY". These envelopes containing the original and the copies shall then be enclosed in one single envelope/package.

In addition an electronic version as true and complete colour copy in one file in unalterable PDF format on CD or flashdrive must be submitted; Considering that a CD or flashdrive and its content may be considered dutiable goods by customs authorities in the Purchaser's country, it is the full responsibility and risk of the Bidder, pursuant to ITB 22 and ITB 23, to either (i) include the electronic version in the inner envelope containing the original or (ii) send the electronic version separately to arrive within one week from the date and time stipulated in ITB 22; the electronic version is meant for convenience of the

Purchaser and shall have no legal status.

21.2 The inner and outer envelopes shall:

- (a) Bear the name and address of the Bidder;
- (b) Be addressed to the Purchaser in accordance with ITB 22.1;
- (c) Bear the specific identification of this bidding process indicated in ITB 1.1; and
- (d) Bear a warning not to open before the time and date for opening of the qualification documents.

21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the qualification documents and/or bid.

22. Deadline for Submission of Bids

22.1 Bids, as defined in ITB 21.1, must be received by the Purchaser at the address and no later than the date and time **specified in the BDS**.

22.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Documents in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23. Late Bids

23.1. The Purchaser shall not consider any Bid that arrives after the deadline for submission of bids, in accordance with ITB 22. Any Bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

24. Withdrawal, Substitution, and Modification of Bids

24.1 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, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.2. The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

- (a) Prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION"; and
- (b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB 22.

24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.

24.3 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 on the Bid Submission Form or any extension thereof.

25. Bid Opening

25.1 Except in cases specified in ITB 23 and ITB 24, the Purchaser shall publicly open and read out in accordance with ITB 25.2 all Bids received by the deadline (regardless of the number of Bids received), at the date, time and place **specified in the BDS**, in public and in the presence of Bidders' designated representatives.

25.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening.

Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening.

Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening.

Only bids that are opened and read out at Bid opening shall be considered further.

25.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and alternative bids (if permitted pursuant to ITB 13); the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative bids read out at bid opening shall be considered for evaluation. The Purchaser shall neither discuss the merits of any bid nor reject any bid (except for late bids, in accordance with ITB 23.1).

25.4 The Purchaser shall prepare a record of the opening session that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; the Bid Price, per lot (contract) if applicable, including any discounts, and alternative bids; and the presence or absence of a Bid Security, if one was required. The Bidders' representatives who are present shall be requested to sign the record. The omission of a

Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

E. Evaluation and Comparison of Bids

- 26. Confidentiality**
- 26.1 Information relating to the examination, evaluation, and comparison of the bids, and qualification of the Bidders and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the bidding process until information on Contract Award is communicated to all Bidders in accordance with ITB 40.
- 26.2 Any attempt by a Bidder to influence the Purchaser in the examination, evaluation, and comparison of the bids, and qualification of the bidders, or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it shall do so in writing.
- 27. Qualification of the Bidder**
- 27.1 The Purchaser shall determine to its satisfaction whether the Bidder meets the qualifying criteria specified in Section III, Qualification and Evaluation Criteria, Qualification.
- 27.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.2 (c), Qualification.
- 27.3 Only those criteria listed in Section III, Qualification and Evaluation Criteria, 1. Qualification, shall be used during this evaluation step.
- 27.4 An affirmative determination shall be a prerequisite for successful qualification of the Bidder, and continued evaluation of the Bidder's Bid. A negative determination shall result in disqualification of the bid.
- 28. Clarification of Bids**
- 28.1 To assist in the examination, evaluation, comparison of the qualification and technical and financial bids of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid, given a reasonable time for a response. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB 32.
- 28.2 If a Bidder does not provide clarifications of its Bid by the

- date and time set in the Purchaser's request for clarification, its Bid may be rejected.
- 29. Deviations, Reservations, and Omissions**
- 29.1 During the evaluation of bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the Bidding Documents;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
 - (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Documents.
- 30. Determination of Responsiveness**
- 30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB 11.
- 30.2 A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) If accepted, would:
 - (i) Affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) Limit in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the proposed Contract; or
 - (b) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 30.3 The Purchaser shall examine the technical aspects of the bid submitted in accordance with ITB 16, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.
- 30.4 If a bid is not substantially responsive to the requirements of the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
- 31. Non-conformities, Errors and Omissions**
- 31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonmaterial nonconformities in the Bid.
- 31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the

necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

- 31.3 Provided that a bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be **adjusted as specified in the BDS**, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.
- 32. Correction of Arithmetical Errors**
- 32.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
- (a) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
 - (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- 32.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 32.1 shall result in the rejection of the Bid.
- 33. Conversion to Single Currency**
- 33.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as **specified in the BDS**.
- 34. Margin of Preference**
- 34.1 **Unless otherwise specified in the BDS**, a margin of preference shall not apply.
- 35. Evaluation of Bids**
- 35.1 The Purchaser shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.
- 35.2 To evaluate a Bid (evaluation will be done for Lots (contracts)), the Purchaser shall consider the following:

- (a) The Bid Price as quoted in accordance with clause 14;
 - (b) Price adjustment for correction of arithmetic errors in accordance with ITB 32.1;
 - (c) Price adjustment due to discounts offered in accordance with ITB 14.4;
 - (d) Price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 31.3;
 - (e) Converting the amount resulting from applying (a) to (d) above, if relevant, to a single currency in accordance with ITB 33;
 - (f) The additional evaluation factors as specified in Section III, Qualification and Evaluation Criteria, 2. Evaluation.
- 35.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.
- 35.4 If these Bidding Documents allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Bid Submission Form, is specified in Section III, Qualification and Evaluation Criteria.
- 35.5 The Purchaser's evaluation of a bid will exclude and not take into account:
- (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
 - (b) In the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;
 - (c) In the case of Related Services, customs duties and sales and other similar taxes that will be payable on the Related Services if the contract is awarded to the Bidder;
 - (d) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
- 35.6 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms

and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise **specified in Section III, Qualification and Evaluation Criteria**. The criteria and methodologies to be used shall be as specified in Section III, Qualification and Evaluation Criteria.

- 35.7 If the bid, which results in the lowest Evaluated Bid Price, is significantly lower than the Purchaser's estimate, the Purchaser shall require the Bidder to produce detailed price analyses for any or all items of the Price Schedules, to demonstrate the internal consistency of those prices with the supply requirements and the method and schedule proposed. If one or several inconsistencies are evidenced, or if a bidder does not provide the required detailed price analyses, the bid shall be declared non-compliant and rejected.
- 36. Comparison of Bids** 36.1 The Purchaser shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 35.2 to determine the lowest evaluated bid.
- 37. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids** 37.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

F. Award of Contract

- 38. Award Criteria** 38.1 Subject to ITB 37.1, the Purchaser shall award the Contract to the qualified, pursuant to ITB 27, Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents.
- 39. Purchaser's Right to Vary Quantities at Time of Award** 39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
- 40. Notification of Award** 40.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted; for this purpose the Letter of Acceptance Form attached to these Bidding Documents shall be used. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the supply of Goods (hereinafter and in the

Conditions of Contract and Contract Forms called “the Contract Price”). At the same time, the Purchaser shall also notify all other Bidders of the results of the bidding.

40.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

40.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 40.1, requests in writing the grounds on which its bid was not selected.

41. Signing of Contract

41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Contract Agreement.

41.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.

41.3 Notwithstanding ITB 41.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser and of the KfW that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.

42. Performance Security

42.1 Within twenty-eight (28) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security² in accordance with the GC, using for that purpose the Performance Security Form included in Section X, Contract Forms. Bidders are free to use any reputable bank acceptable to the Purchaser for the purpose of issuing the required performance security, subject to all conditions of ITB 42 and GC are being met without exception the issuing bank shall have a correspondent bank in the Purchaser's country.

42.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose bid is qualified, pursuant to ITB

² Bonds shall only be permitted with prior approval from KfW.

27, and substantially responsive.

Section II. Bid Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The number of the Invitation for Bids is: ICB-02/MOE-VTT/TVET/KfW 2016 67 211/002/2021-2022
ITB 1.1	The Purchaser is: Ministry of Education, State Department for Vocational and Technical Training
ITB 1.1	<p>The name and identification number of the ICB are: Training and Technical Equipment for Automotive Mechatronics and Body Building, ICB-02/MOE-VTT/TVET/KfW 2016 67 211/002/2021-2022</p> <p>The number, identification and names of the lots (contracts) comprising this ICB are:</p> <p>Lot 1: Technical Automotive Equipment and related accessories</p> <p>Lot 2: Training Systems for Automotive Mechatronics</p> <p>Lot 3: Automotive Body Building and Repair</p> <p>Bidders may apply for 1 (one) or more Lots, and may be awarded 1 (one) or more Lots. Refer to ITB 35.4.</p>
ITB 2.1	The name of the Project is: Promotion of Youth Employment and Vocational Training in Kenya
	B. Contents of Bidding Documents
ITB 7.1	<p>For <u>clarification of bid purposes</u> only, the Purchaser's address is:</p> <p>Address:</p> <p>The Principal Secretary</p> <p>Ministry of Education</p> <p>State Department for Vocational and Technical Training,</p> <p>Jogoo House B, Harambee Avenue,</p> <p>P.O.BOX 9583 00200 Nairobi, Kenya</p> <p>Electronic mail address: tenders.moe.tvet@gmail.com</p>
ITB 7.1	Web page: None
	C. Preparation of Bids
ITB 10.1	The language of the bid is: English.

	All correspondence exchange shall be in the English language. Language for translation of supporting documents and printed literature is English.
ITB 11.1 (b ix)	The Bidder shall submit the following additional documents in its bid: None.
ITB 13.1	Alternative Bids shall not be considered.
ITB 14.5	The prices quoted by the Bidder shall not be adjustable.
ITB 14.7	The Incoterms edition is Incoterms 2010.
ITB 14.8 (a), (b), (c)	The prices quoted shall be exclusive of all government taxes and levies.
ITB 14.8 (b) (i)	Named Place of Destination: - CIP Nairobi Technical Training Institute (NTTI) - CIP Thika Technical Training Institute (TTTI)
ITB 14.8 (d) (i)	Local services (including transportation to final delivery destination and related services) shall be quoted. Final delivery destinations (Project Sites): according to Section VII. Schedule of Requirements, 6. Distribution of Goods.
ITB 15.1	The prices shall be quoted by the bidder in: €/EUR The Bidder is not required to quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in that currency.
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): five (5) years
ITB 17.2 (a)	Manufacturer's authorization is: required for items specified in Section VII. Schedule of Requirements, 3. Technical Specifications. As a general requirement, the Bidder is required to submit documentation to substantiate that it is an authorized dealer, distributor, or reseller of the goods being procured.
ITB 17.2 (b)	After sales service is: required for items specified in Section VII. Schedule of Requirements, 3. Technical Specifications.
ITB 18.1	The bid validity period shall be 120 days.
ITB 18.3 (a)	The bid price shall be adjusted by the following factor: Not applicable
ITB 19.1	A Bid Security is required. If a Bid Security shall be required, the percentage and currency of the

	<p>Bid Security shall be:</p> <p>The amount and currency of the bid security shall be 2% of the bid price for each lot in Euro or KES.</p> <p>The Bid Security shall be issued by a reputable bank or financial institution acceptable to the Purchaser, and shall be without deviation in the form as provided in Section IV. Bidding Forms.</p>
ITB 19.3 (c)	Other types of acceptable securities: None, no other forms of bid securities are acceptable.
ITB 19.9	Not applicable.
ITB 20.1	In addition to the original of the bid, the number of copies is: 1 (one).
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: original power of attorney established in the name of the signatory of the bid.
	D. Submission and Opening of Bids
ITB 22.1	<p>For bid submission purposes, the Purchaser's address is:</p> <p>Address:</p> <p>The Principal Secretary Ministry of Education State Department for Vocational and Technical Training, Jogoo House B, Harambee Avenue, P.O.BOX 9583 00200 Nairobi, Kenya</p> <p>Floor-Room number: Tender Box marked Ministry of Education, State Department for Vocational and Technical Training KfW project located on the ground floor.</p> <p>The deadline for the submission of bids is:</p> <p>Date: 21st April 2022</p> <p>Time: 11.00 am East Africa Time (EAT)</p>
ITB 25.2	<p>The bid opening shall take place at:</p> <p>Address:</p> <p>Ministry of Education State Department of Vocational and Technical Training, Jogoo House B, Harambee Avenue, 10th Floor at the conference room P.O.BOX 9583 00200 Nairobi, Kenya</p> <p>No minimum number of bids is required in order to proceed to bid opening.</p>

ITB 25.2	The public bid opening session shall take place on/at: Date: 21st April 2022 Time: 11.00 am East Africa Time (EAT)
	E. Evaluation and Comparison of Bids
ITB 31.1	The provisions in ITB 31.1 do not apply to items classified as major items in Section VII. Bidders are expected to quote for all the items.
ITB 33.1	The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in different currencies into a single currency is: €/EUR
ITB 34.1	A margin of domestic preference shall not apply.
	F. Award of Contract
ITB 39.1	The maximum percentage by which quantities may be increased is: 10% The maximum percentage by which quantities may be decreased is: 10%
ITB 41.3	Bidders are advised to familiarize themselves with the Kenya Bureau of Standards' Pre-Export Verification of Conformity (PVoC) requirements, which may be applicable to item(s) in this tender and for which the successful bidder is responsible. More information is available at www.kebs.org

Section III. Qualification and Evaluation Criteria

[This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to determine whether a Bidder has the required qualifications and to evaluate a bid. No other criteria shall be used.]

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1. Qualification (ITB 27)

All qualification documents listed here (including attached forms, and required support documents) shall be submitted in accordance with ITB 25 and ITB 27, and will be evaluated first; only bids passing the qualification shall be evaluated further.

1.1 The Qualification Document submission shall consist of:

(1) Bid Submission Form, Declaration of Undertaking, and Eligibility (Table 1)

Bidder shall meet the requirements as per Table 1 and submit the required forms and supporting documents; forms provided in this bidding document may not be amended but only completed following the instructions in this bidding document.

Mandatory or Optional (when required) + power of attorney

(2) Historical Contract Non-Performance (Table 2)

Both forms must be submitted duly filled and signed; any non-performance during the required period stated in Form CON-2 will lead to disqualification of the Bidder's bid.

(3) Financial Situation and Performance (Table 3)

Bidders shall meet the requirements as per Table 3 and submit the required forms and supporting documents; forms provided in this bidding document may not be amended but only completed following the instructions in this bidding document.

(4) Experience (Table 4)

Submission of the required number of references (similar experience / contracts).

(5) Technical Capacity, Spare Parts and Local Agent (if applicable) (Table 5)

Submission of the required information, in response the requirements stated in Section VII, Schedule of Requirements.

1.2. Requirements and Criteria

The following tables describe qualification requirements and criteria, in accordance with ITB 27 and Section III (Qualification), which must be satisfied by each Bidder. Only specified requirements and criteria shall be used, and requirements and criteria not included in the tables below shall not be used in the evaluation of the Bidder's Qualification.

Table 1							
Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
1. Bid Submission Form, Declaration of Undertaking, and Eligibility							
1.1	Bid Submission Form	Submission, in accordance with Section III, Qualification	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.2	Declaration of Undertaking	Submission, in accordance with ITB 12	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Declaration of Undertaking
1.3	Power of Attorney	Submission, in accordance with ITB 20.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Power of Attorney (free format)
1.4	Joint Venture Agreement	JV Agreement or Letter of Intent, (in case of a JV), in accordance with ITB 4.1	N/A	Must meet requirement	Must meet requirement	N/A	Relevant pages of an existing JV Agreement or Letter of Intent (free format)
1.5	Nationality	Nationality in accordance with ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and ELI - 1.2 (in case of JV), with attachments
1.6	Conflict of Interest	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.7	KfW Eligibility	Not being ineligible for KfW financing, as described in ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.8	State-owned Entity	Meets conditions of ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and ELI - 1.2 (in case of JV), with attachments

Table 2							
Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
2. Historical Contract Non-Performance							
2.1	History of Non-Performing Contracts	Termination of a contract ¹ did not occur as a result of Supplier default in the past 5 years.	Must meet requirement ²	Must meet requirements	Must meet requirement ²	N/A	Form CON - 2
2.2	Suspension Based on Execution of Bid Securing Declaration by the Purchaser or withdrawal of the Bid within Bid validity	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.4 or withdrawal of a Bid pursuant ITB 19.9.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
2.3	Pending Litigation	All pending litigation shall in total not represent more than one hundred percent (100%) of the Bidder's net worth and shall be treated as resolved against the Bidder.	Must meet requirement	N/A	Must meet requirement	N/A	Form CON – 2

¹ Non-performance shall include all terminations of contracts where (a) non-performance was not challenged by the supplier, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the supplier. Non-performance shall not include contracts where Purchaser's decision was overruled by the dispute resolution mechanism.

² This requirement also applies to contracts executed by the Bidder as a JV member.

Table 3							
Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
3. Financial Situation and Performance							
3.1	Financial Capabilities	<p>Submission of audited balance sheets or if not required by the law of the Bidder's country, other financial statements acceptable to the Purchaser, for the last three (3) years to demonstrate the current soundness of the Bidder's financial position based on the following criteria:</p> <p>a) Liquidity ratio ≥ 1.1 $((\text{Current Assets}) / (\text{Current Liabilities}) \geq 1.1)$</p> <p>b) Indebtedness ratio $\leq 80\%$ $((\text{Total Liabilities}) \times 100 / (\text{Total Assets}) \leq 80\%)$</p>	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 3.1, with attachments

Table 3							
Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
3. Financial Situation and Performance							
3.2	Average Annual Supplier Turnover	Minimum average annual supplier turnover of following amounts for Lot 1: EUR 450,000 (Euro four and fifty thousand) , Lot 2: EUR 1,200,000 (Euro one million two hundred thousand) , and Lot 3: EUR 410,000 (Euro four hundred and ten thousand) (for clarity: if bidding for 2 or more Lots, the minimum requirement is the sum total of each value), calculated as total certified payments received for contracts in progress and/or completed within the last three (3) years , divided by three (3) years .	Must meet requirement	Must meet requirement	Must meet at least twenty-five percent (25%) of the requirement	Must meet at least forty percent (40%) of the requirement	Form FIN – 3.2
3.3	Access to Liquidity	Access to liquidity of at least the following amounts for Lot 1: EUR 210,000 (Euro two hundred and ten thousand) , Lot 2: EUR 520,000 (Euro five hundred and twenty thousand) , and Lot 3: EUR 190,000 (Euro one hundred and ninety	Must meet requirement	Must meet requirement	Must meet at least twenty-five percent (25%) of the requirement	Must meet at least forty percent (40%) of the requirement	Liquidity Letter issued by the Bidder's bankers (free format)

Table 3							
Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
3. Financial Situation and Performance							
		thousand) (for clarity: if bidding for 2 or more Lots, the minimum requirement is the sum total of each value).					

Table 4							
Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
4. Experience							
4.1	Similar Experience	A minimum number of similar ³ contracts specified below that have been satisfactorily and substantially ⁴ completed as Supplier, or joint venture member ⁵ , during the past five (5) years: minimum two (2) contracts, each of a minimum value for Lot 1: EUR 190,000 (Euro one hundred and ninety thousand), Lot 2: EUR 480,000 (Euro four hundred and eighty thousand), and/or Lot 3: EUR 170,000 (Euro one hundred and seventy thousand).	Must meet requirement	Must meet requirement ⁶	N/A	N/A	Form EXP - 4.1 (one per contract)

³ The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VII, Schedule of Requirements. Summation of number of small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.

⁴ Substantial completion shall be based on 80% or more completed under the contract.

⁵ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.

⁶ In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.

Table 5							
Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
5. Technical Capacity, Spare Parts and Local Agent (if applicable)							
5.1	Technical Capacity	If so required in Section VII, Schedule of Requirements, the Bidder's must have qualified personnel to satisfy the requirements.	Must meet requirement	Must meet requirement	N/A	N/A	Support documents as required in Section VII, Schedule of Requirements
5.2	Spare Parts	If so required in Section VII, Schedule of Requirements, the Bidder's must confirm availability of spare parts.	Must meet requirement	Must meet requirement	N/A	N/A	Form SPA - 5.1, and any support documents as required in Section VII, Schedule of Requirements
5.3	Local Agent	If so required in Section VII, Schedule of Requirements, the Bidder's must have a local agent including qualified personnel for the purpose of after sales services.	Must meet requirement	Must meet requirement	N/A	N/A	Support documents as required in Section VII, Schedule of Requirements

2. Evaluation (ITB 35)

2.1 Evaluation Criteria (ITB 35.6)

Not applicable.

2.2. Multiple Contracts (ITB 35.4)

The Purchaser shall award multiple contracts to the Bidder that offers the lowest evaluated combination of bids (one contract per bid) and has met the qualification criteria (this Section III, 1. Qualification (ITB 27)).

The Purchaser shall:

- (a) Evaluate only lots or contracts that include at least the percentages of items per lot and quantity per item as specified in ITB Sub Clause 14.6;
- (b) Take into account:
 - (i) The lowest-evaluated bid for each lot; and
 - (ii) The price reduction per lot and the methodology for its application as offered by the Bidder in its bid.

3. Domestic Preference (ITB 34)

Not applicable.

Documents Index / Checklist

Bidders must carefully read the requirements detailed in the Instruction to Bidders (ITB), Bid Data Sheet (BDS), Qualification and Evaluation Criteria, Schedule of Requirements, and Contract Conditions.

Bidders must ensure they submit all requested documents according to the specified conditions, completed in full and including attachments as applicable. This refers to administrative aspects (e.g. minimum days of bid validity after submission deadline; validity of their Bid Security; all blank spaces filled in the templates; duly-signed, dated, and initialled documents etc.) and technical aspects (e.g. offers for every item in the Lot, submission of supporting catalogues/leaflets etc.). In case of a Joint Venture (JV) bid, ensure relevant documents are completed and submitted for each member, as specified in the qualification criteria and provided forms/templates.

Bidders are requested to clearly compile and index their submitted documents. The following table serves as a guide for Bidders.

No.	Clause reference	Document	Template provided?	Location of template	Completed in full according to requirements, and submitted?
1	ITB 11.1 (a)(i)	Bid Submission Form	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
2	ITB 11.1 (a)(ii)	Declaration of Undertaking	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
3	ITB 11.1 (a)(iii)	Power of Attorney (authorized signatory)	NO	(free format)	<input type="checkbox"/>
4	ITB 11.1 (b)(iii)	Bid Security	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
5	ITB 11.1 (a)(iv)	Form ELI - 1.1: Bidder Information Form (and Attachments)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
6	ITB 11.1 (a)(iv)	Form ELI - 1.2: Bidder's JV Information Form (if applicable) (and Attachments)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
7	ITB 11.1 (a)(iv)	Form CON - 2: Historical Contract Non-Performance, Pending Litigation and Litigation History	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
8	ITB 11.1 (a)(iv)	Form FIN - 3.1: Financial Situation and Performance (and Attachments: Financial Documents)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
9	ITB 11.1 (a)(iv)	Form FIN - 3.2: Average Annual Turnover	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
10	ITB 11.1 (a)(iv)	Liquidity Letter issued by the Bidder's banker	NO	(free format)	<input type="checkbox"/>
11	ITB 11.1 (a)(iv)	Form EXP - 4.1: Experience (One form per contract)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
12	ITB 11.1 (a)(iv)	Technical Capacity - CVs	NO	(free format)	<input type="checkbox"/>
13	ITB 16.4	Form SPA - 5.1: Spare Parts	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
14	ITB 17.2 (b)	Local Agent – CVs (if applicable)	NO	(free format)	<input type="checkbox"/>
15	ITB 11.1 (b)(ii)	Price Schedule: Goods Manufactured Outside the Purchaser's Country, to be Imported (if applicable) (One schedule per Lot)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
16	ITB 11.1 (b)(ii)	Price Schedule: Goods Manufactured Outside the Purchaser's Country, Already Imported (if applicable) (One schedule per Lot)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
17	ITB 11.1 (b)(ii)	Price Schedule: Goods Manufactured in the Purchaser's Country (if applicable) (One schedule per Lot)	YES	(Section IV. Bidding Forms)	<input type="checkbox"/>
18	ITB 17.2 (a)	Manufacturer's Authorization (not required – instead: submit documentation as authorized dealer, distributor, reseller)	NO	(free format)	<input type="checkbox"/>
19	GCC 13	List of Goods and Delivery Schedule	YES	(Section VII. Schedule of Requirements)	<input type="checkbox"/>
20	ITB 11.1 (b)(ii)	Lot 1: Technical Specifications (if applicable) (and Attachments: documentary evidence - catalogues/leaflets/literature)	YES	(Section VII. Schedule of Requirements)	<input type="checkbox"/>
21	ITB 11.1 (b)(ii)	Lot 2: Technical Specifications (if applicable) (and Attachments: documentary evidence - catalogues/leaflets/literature)	YES	(Section VII. Schedule of Requirements)	<input type="checkbox"/>
22	ITB 11.1 (b)(ii)	Lot 3: Technical Specifications (if applicable) (and Attachments: documentary evidence - catalogues/leaflets/literature)	YES	(Section VII. Schedule of Requirements)	<input type="checkbox"/>
23	-	Any other supporting documentation, determined as relevant by the Bidder to their bid.	NO	(free format)	<input type="checkbox"/>

Section IV. Bidding Forms

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Declaration of Undertaking

Reference name of the Application/Offer/Contract: ("Contract")¹

To: ("Project Executing Agency")

1. We recognise and accept that KfW only finances projects of the Project Executing Agency ("PEA")² subject to its own conditions which are set out in the Funding Agreement it has entered into with the PEA. As a matter of consequence, no legal relationship exists between KfW and our company, our Joint Venture or our Subcontractors under the Contract. The PEA retains exclusive responsibility for the preparation and implementation of the Tender Process and the performance of the Contract.
2. We hereby certify that neither we nor any of our board members or legal representatives nor any other member of our Joint Venture including Subcontractors under the Contract are in any of the following situations:
 - 2.1) being bankrupt, wound up or ceasing our activities, having our activities administered by courts, having entered into receivership, reorganisation or being in any analogous situation;
 - 2.2) convicted by a final judgement or a final administrative decision or subject to financial sanctions by the United Nations, the European Union or Germany for involvement in a criminal organisation, money laundering, terrorist-related offences, child labour or trafficking in human beings; this criterion of exclusion is also applicable to legal Persons, whose majority of shares are held or factually controlled by natural or legal Persons which themselves are subject to such convictions or sanctions;
 - 2.3) having been convicted by a final court decision or a final administrative decision by a court, the European Union, national authorities in the Partner Country or in Germany for Sanctionable Practice in connection with a Tender Process or the performance of a Contract or for an irregularity affecting the EU's financial interests (*in the event of such a conviction, the Applicant or Bidder shall attach to this Declaration of Undertaking supporting information showing that this conviction is not relevant in the context of this Contract and that adequate compliance measures have been taken in reaction*);
 - 2.4) having been subject, within the past five years to a contract termination fully settled against us for significant or persistent failure to comply with our contractual obligations during such Contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against us;
 - 2.5) not having fulfilled applicable fiscal obligations regarding payments of taxes either in the country where we are constituted or the PEA's country;
 - 2.6) being subject to an exclusion decision of the World Bank or any other multilateral development bank and being listed on the website <http://www.worldbank.org/debarr> or respectively on the relevant list of any

¹ Capitalised terms used, but not otherwise defined in this Declaration of Undertaking have the meaning given to such term in KfW's "Guidelines for the Procurement of Consulting Services, Works, Goods, Plant and Non-Consulting Services in Financial Cooperation with Partner Countries".

² The PEA means the purchaser, the employer, the client, as the case may be, for the procurement of Consulting Services, Works, Plant, Goods or Non-Consulting Services.

other multilateral development bank (*in the event of such exclusion, the Applicant or Bidder shall attach to this Declaration of Undertaking supporting information showing that this exclusion is not relevant in the context of this Contract and that adequate compliance measures have been taken in reaction*); or

2.7) being guilty of misrepresentation in supplying the information required as condition to participation in this Tender Procedure.

3. We hereby certify that neither we, nor any of the members of our Joint Venture or any of our Subcontractors under the Contract are in any of the following situations of conflict of interest:

3.1) being an affiliate controlled by the PEA or a shareholder controlling the PEA, unless the stemming conflict of interest has been brought to the attention of KfW and resolved to its satisfaction;

3.2) having a business or family relationship with a PEA's staff involved in the Tender Process or the supervision of the resulting Contract, unless the stemming conflict of interest has been brought to the attention of KfW and resolved to its satisfaction;

3.3) being controlled by or controlling another Applicant or Bidder, or being under common control with another Applicant or Bidder, or receiving from or granting subsidies directly or indirectly to another Applicant or Bidder, having the same legal representative as another Applicant or Bidder, maintaining direct or indirect contacts with another Applicant or Bidder which allows us to have or give access to information contained in the respective Applications or Offers, influencing them or influencing decisions of the PEA;

3.4) being engaged in a Consulting Services activity, which, by its nature, may be in conflict with the assignments that we would carry out for the PEA;

3.5) in the case of procurement of Works, Plant or Goods:

i. having prepared or having been associated with a Person who prepared specifications, drawings, calculations and other documentation to be used in the Tender Process of this Contract;

ii. having been recruited (or being proposed to be recruited) ourselves or any of our affiliates, to carry out works supervision or inspection for this Contract;

4. If we are a state-owned entity, and compete in a Tender Process, we certify that we have legal and financial autonomy and that we operate under commercial laws and regulations.

5. We undertake to bring to the attention of the PEA, which will inform KfW, any change in situation with regard to points 2 to 4 here above.

6. In the context of the Tender Process and performance of the corresponding Contract:

6.1) neither we nor any of the members of our Joint Venture nor any of our Subcontractors under the Contract have engaged or will engage in any Sanctionable Practice during the Tender Process and in the case of being awarded a Contract will engage in any Sanctionable Practice during the performance of the Contract;

6.2) neither we nor any of the members of our Joint Venture or any of our Subcontractors under the Contract shall acquire or supply any equipment nor operate in any sectors under an embargo of the United Nations, the European Union or Germany; and

6.3) we commit ourselves to complying with and ensuring that our Subcontractors and major suppliers under the Contract comply with international environmental and labour standards, consistent with laws and regulations applicable in the country of implementation of the Contract and the fundamental conventions of the International Labour Organisation³ (ILO) and international environmental treaties. Moreover, we shall implement environmental and social risks mitigation measures when specified in the relevant environmental and social management plans or other similar documents provided by the PEA and, in any case, implement measures to prevent sexual exploitation and abuse and gender based violence.

7. In the case of being awarded a Contract, we, as well as all members of our Joint Venture partners and Subcontractors under the Contract will, (i) upon request, provide information relating to the Tender Process and the performance of the Contract and (ii) permit the PEA and KfW or an auditor appointed by either of them, and in the case of financing by the European Union also to European institutions having competence under European Union law, to inspect the respective accounts, records and documents, to permit on the spot checks and to ensure access to sites and the respective project.
8. In the case of being awarded a Contract, we, as well as all our Joint Venture partners and Subcontractors under the Contract undertake to preserve above mentioned records and documents in accordance with applicable law, but in any case for at least six years from the date of fulfillment or termination of the Contract. Our financial transactions and financial statements shall be subject to auditing procedures in accordance with applicable law. Furthermore, we accept that our data (including personal data) generated in connection with the preparation and implementation of the Tender Process and the performance of the Contract are stored and processed according to the applicable law by the PEA and KfW.

Name: _____ In the capacity of: _____

Duly empowered to sign in the name and on behalf of⁴: _____

Signature:

Dated:

³ In case ILO conventions have not been fully ratified or implemented in the Employer's country the Applicant/Bidder/Contractor shall, to the satisfaction of the Employer and KfW, propose and implement appropriate measures in the spirit of the said ILO conventions with respect to a) workers grievances on working conditions and terms of employment, b) child labour, c) forced labour, d) worker's organisations and e) non-discrimination.

⁴ In the case of a JV, insert the name of the JV. The person who will sign the application, bid or proposal on behalf of the Applicant/Bidder shall attach a power of attorney from the Applicant/Bidder.

Form ELI - 1.1: Bidder Information Form

[The Bidder shall in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[Insert]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

Bidder's name: <i>[Insert Bidder's legal name]</i>
In case of Joint Venture (JV), legal name of each member: <i>[Insert legal name of each member in JV]</i>
Bidder's actual or intended country of registration: <i>[Insert actual or intended country of registration]</i>
Bidder's year of registration: <i>[Insert Bidder's year of registration]</i>
Bidder's address in country of registration: <i>[Insert Bidder's legal address in country of registration]</i>
Bidder's Authorized Representative Information Name: <i>[Insert Authorized Representative's name]</i> Address: <i>[Insert Authorized Representative's address]</i> Telephone/Fax numbers: <i>[Insert Authorized Representative's telephone/fax numbers]</i> E-mail address: <i>[Insert Authorized Representative's email address]</i>
1. Attached are copies of original documents of <i>[Check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association) and/or documents of registration of the legal entity named above, in accordance with ITB 4.5; <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1; <input type="checkbox"/> In case of a state-owned enterprise or institution, in accordance with ITB 4.3 documents establishing: <ul style="list-style-type: none"> a) Legal and financial autonomy; b) Operation under commercial law; c) Establishing that the Bidder is not dependent agency of the Purchaser.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Form ELI - 1.2: Bidder's JV Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[Insert]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

Bidder's name: <i>[Insert Bidder's legal name]</i>
Bidder's JV Member's name: <i>[Insert JV's Member legal name]</i>
Bidder's JV Member's country of registration: <i>[Insert JV's Member country of registration]</i>
Bidder's JV Member's year of registration: <i>[Insert JV Member's year of registration]</i>
Bidder's JV Member's legal address in country of registration: <i>[Insert JV's Member legal address in country of registration]</i>
Bidder's JV Member's Authorized Representative Information Name: <i>[Insert name of JV's Member Authorized Representative]</i> Address: <i>[Insert address of JV's Member Authorized Representative's]</i> Telephone/Fax numbers: <i>[Insert telephone/fax numbers of JV's Member Authorized Representative]</i> E-mail address: <i>[Insert email address of JV's Member Authorized Representative]</i>
1. Attached are copies of original documents of <i>[Check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association) of the legal and/or documents of registration of the legal entity named above, in accordance with ITB 4.1 and ITB 4.5; <input type="checkbox"/> In case of a state-owned enterprise or institution, in accordance with ITB 4.3 documents establishing: <ul style="list-style-type: none"> a) Legal and financial autonomy; b) Operation under commercial law; c) Establishing that the Bidder is not dependent agency of the Purchaser.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Form CON - 2: Historical Contract Non-Performance, Pending Litigation and Litigation History

[To be completed by the Bidder and by each member of the Bidder's JV]

Bidder's Name: *[Insert]*

Date: *[Insert]*

JV Member's Name: *[Insert or state "None" if the Bidder is not a Joint Venture]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

Non-Performed Contracts in accordance with Section III, Qualification and Evaluation Criteria

- Contract non-performance did not occur since 1st January *[insert current year number less 5]* specified in Section III, Qualification and Evaluation Criteria, Qualification, subclause 2.1.

Or *[Tick as appropriate]*

- Contract(s) not performed since 1st January *[insert current year number less 5]* specified in Section III, Qualification and Evaluation Criteria, Qualification, subclause 2.1 are as follows:

Year	Non- performed Portion of Contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and €-equivalent)
<i>[Insert year]</i>	<i>[Insert amount and percentage]</i>	Contract Identification: <i>[Indicate complete contract name/ number, and any other identification]</i> Name of Purchaser: <i>[Insert full name]</i> Address of Purchaser: <i>[Insert street/city/country]</i> Reason(s) for non-performance: <i>[Indicate main reason(s)]</i>	<i>[Insert amount and values]</i>

Pending Litigation, in accordance with Section III, Qualification and Evaluation Criteria and Requirements			
<input type="checkbox"/> No pending litigation in accordance with Section III, Qualification and Evaluation Criteria and Requirements, Qualification, subclause 2.3. Or [Tick as appropriate] <input type="checkbox"/> Pending litigation in accordance with Section III, Qualification and Evaluation Criteria, Qualification, subclause 2.3 as indicated below:			
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), €-equivalent (exchange rate)
<i>[Insert year]</i>	<i>[Insert amount]</i>	Contract Identification: Name of Purchaser: Address of Purchaser: Matter in dispute: Party who initiated the dispute: Status of dispute:	<i>[Insert amount and values]</i>

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Form FIN - 3.1: Financial Situation and Performance

[To be completed by the Bidder and by each member of the Bidder's JV]

Bidder's Name: *[Insert]*

Date: *[Insert]*

JV Member's Name: *[Insert or state "None" if the Bidder is not a Joint Venture]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

1. Financial Data

Type of Financial Information in <i>[Insert Bidder's home currency]</i>	Historic information for last available three (3) years (amount in Bidder's home-currency, exchange rate, €-equivalent)		
	<i>[Insert Year 1]</i>	<i>[Insert Year 2]</i>	<i>[Insert Year 3]</i>
Statement of Financial Position (Information from Balance Sheet)			
Total Assets (TA)	<i>[Insert value in Bidder's home currency]</i>	<i>[Insert value in Bidder's home currency]</i>	<i>[Insert value in Bidder's home currency]</i>
	<i>[Insert exchange rate]</i>	<i>[Insert exchange rate]</i>	<i>[Insert exchange rate]</i>
	<i>[Insert €-equivalent]</i>	<i>[Insert €-equivalent]</i>	<i>[Insert €-equivalent]</i>
Total Liabilities (TL)			
Total Equity/Net Worth (NW)			
Current Assets (CA)			
Current Liabilities (CL)			
Working Capital (WC)			
Information from Income Statement			
Total Revenue (TR)			
Profits Before Taxes (PBT)			
Cash Flow Information			
Cash Flow from Operating Activities			

2. Financial Documents

The Bidder and its parties shall provide copies of financial statements for **the last available three (3) years** pursuant Section III, Qualification and Evaluation Criteria, Qualification, Sub-factor 3.1.

The financial statements shall:

- (a) Reflect the financial situation of the Bidder or in case of JV member, and not an affiliated entity (such as parent company or group member);
 - (b) Be independently audited or certified in accordance with local legislation;
 - (c) Be complete, including all notes to the financial statements;
 - (d) Correspond to accounting periods already completed and audited.
- Attached are copies of financial statements¹ for the **last available three (3) years** required above and complying with the requirements.

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

¹ If the most recent set of financial statements is for a period earlier than 12 months from the date of bid, the reason for this should be justified.

Form FIN - 3.2: Average Annual Turnover

[To be completed by the Bidder and by each member of the Bidder's JV]

Bidder's Name: *[Insert]*

Date: *[Insert]*

JV Member's Name: *[Insert or state "None" if the Bidder is not a Joint Venture]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

Annual Turnover Data			
Year	Currency & Amount	Exchange Rate	€-equivalent
Average Annual Turnover ¹			

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

¹ See Section III, Qualification and Evaluation Criteria, Qualification, Sub-Factor 3.2

Form EXP - 4.1: Experience

(To be completed by the Bidder and by each member of the Bidder's JV)

Bidder's Legal Name: *[Insert]*

Date: *[Insert]*

JV Member's Legal Name: *[Insert]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

Similar Contract No. <i>[Insert specific number]</i> of <i>[Total number of contracts]</i> required	Information	
Contract Identification:		
Award date:		
Completion date:		
Role in Contract:		
Total contract amount:		€ equivalent: <i>[Insert]</i>
If member in a JV, specify participation in total contract amount:	<i>[Insert]</i> %	€ equivalent: <i>[Insert]</i>
Purchaser's Name:		
Address:		
Telephone/fax number:		
E-mail:		
Description of the similarity in accordance with Sub-Factor 4.1 or 4.2 of Section III:		
Amount		
Physical size		
Complexity		
Methods/Technology		
Other Characteristics		

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Form SPA - 5.1: Spare Parts

[To be completed by the Bidder and by at least one member of the Bidder's JV]

Bidder's Legal Name: *[Insert]*

Date: *[Insert]*

JV Member's Legal Name: *[Insert]*

ICB No.: *[Insert]*

Page *[Insert]* of *[Insert]* pages

We confirm that, if awarded the Contract, spare parts will be available on short notice, through us / our local agent / the manufacturer-appointed official representative *[Select as appropriate]*.

We further confirm that, if awarded the Contract, we (i) will carry sufficient inventories to assure ex-stock supply of consumables and consumable spares, and other spare parts and components will be supplied as promptly as possible but in any case within *[Insert number of days – same as used in the PC attached at the end of this Bidding Document]* days of placement of order; (ii) will be for a period of *[Insert number of years – same as used in the PC attached at the end of this Bidding Document]* years from the date of delivery and commissioning under obligation to supply spare parts, and will, in the event of termination of production of the spare parts, send an advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Bid Submission Form

[The Bidder shall prepare his Bid Submission Form on a Letterhead paper specifying the Bidder's complete name, address and communication details].

[Note: All italicized text is for use in preparing these forms by bidders and shall be deleted from the final document.]

Date: *[Insert date]*

ICB No.: *[Insert ICB No.]*

To: *[Insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda *[Insert Addenda No./Nos., if any]* issued in accordance with Instructions to Bidders (ITB 8);
- (b) We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid Securing Declaration in the Purchaser's country in accordance with ITB 4.4;
- (d) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedule(s) specified in the Schedule of Requirements the following Goods: *[Insert a brief description of the Goods and Related Services]*;
- (e) The total price of our Bid, excluding any discounts offered in item (f) below is:
 - i) In case of only one lot, total price of the Bid is: *[Insert total price and currency in words and figures] [Delete if multiple lots are offered]*
 - ii) In case of multiple lots, total price of each lot is: *[Insert a list/table showing the total price and currency in words and figures for each lot offered] [Delete if only one lot is offered]*
 - iii) In case of multiple lots, total price of all lots (sum of all lots) is: *[Insert the total price and currency in words and figures for all lots offered] [Delete if only one lot is offered]*
- (f) The discounts offered and the methodology for their application are:
 - i) The discounts offered are: *[Specify in detail each discount offered; if no discount is offered state "None"]*
 - ii) The exact method of calculations to determine the net price after application of discounts is: *[Specify in detail the method that shall be used to apply the offered discounts; if no discount is offered state "None"]*
- (g) Our bid shall be valid for a period of *[Insert the number of calendar days]* days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

- (h) If our bid is accepted, we commit to obtain and submit a performance security in accordance with ITB 42 of the Bidding Documents;
- (i) We are not participating, as a Bidder, in more than one bid in this bidding process in accordance with ITB 4.2(e), other than alternative bids submitted in accordance with ITB 13;
- (j) We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by an entity or individual that is subject to, a temporary suspension or a debarment imposed by a member of the World Bank Group or a debarment imposed by the KfW, the World Bank in accordance with the Agreement of Mutual Enforcement of Debarment Decisions between the World Bank and other development banks, or any other similar funding agency;
- (k) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: *[Insert complete name of each recipient, its full address, the reason for which each commission, gratuity or fee was or will be paid and the amount and currency of each such commission, gratuity or fee]*

Name of Recipient	Address	Reason	Amount

[If none has been paid or is to be paid, insert "none"].

- (l) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (m) We understand and accept that (i) the Purchaser is not bound to accept the lowest evaluated bid or any other bid that the Purchaser may receive, and (ii) the Purchaser reserves the right to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders; and
- (n) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption.

Name of the Bidder *[Insert the complete name of the bidder; in the case of a Bid submitted by a Joint Venture insert the name of the Joint Venture as Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder *[Insert complete name of the person duly authorised to sign the Bid; the person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid Schedules]*

Title of the person signing the Bid *[Insert complete title of the person signing the Bid]*

Signature of the person named above *[Signature of the person named above]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements; **separate Price Schedules must be submitted for each lot offered**].*

Price Schedule: Goods Manufactured Outside the Purchaser's Country, to be Imported

Currencies in accordance with ITB Sub-Clause 15							Date: <i>[Insert]</i>
							ICB No.: <i>[Insert]</i>
							Lot No.: <i>[Insert, if applicable]</i>
							Page <i>[Insert]</i> of <i>[Insert]</i>
1	2	3	4	5	6	7	8
Line Item No.	Description of Goods	Country of Origin	Delivery Time in Days at named place of CIP in accordance with ITB 14.8 (b) (i)	Quantity and Physical Unit	Unit Price & Currency CIP in accordance with ITB 14.8(b)(i)	Unit Price & Currency Related Services (handling, inland transportation to final destination(s), commissioning, and where applicable installation and training in accordance with ITB 14.8(b)(ii))	Total Price & Currency per Line item (Col. (6+7)x5)
<i>[Insert number of the item]</i>	<i>[Insert name of Goods]</i>	<i>[Insert country of origin of the Goods]</i>	<i>[Insert quoted Delivery Time in days]</i>	<i>[Insert number of units to be supplied and name of the physical unit]</i>	<i>[Insert currency & unit price CIP per unit]</i>	<i>[Insert currency & unit price for all required local services]</i>	<i>[Insert currency & total price of the line item]</i>
Total Price (including currency) CIP plus local services (if any) <i>[Insert name of Purchaser's Country]</i>							

Name of Bidder *[Insert complete name of Bidder]* Signature of Bidder *[Signature of person(s) signing the Bid]* Date *[Insert Date]*

Price Schedule: Goods Manufactured Outside the Purchaser's Country, Already Imported

Currencies in accordance with ITB Sub-Clause 15								Date: <i>[Insert]</i>	ICB No.: <i>[Insert]</i>	Lot No.: <i>[Insert, if applicable]</i>	Page <i>[Insert]</i> of <i>[Insert]</i>
1	2	3	4	5	6	7	8	9	10		
Line Item No.	Description of Goods	Country of Origin	Delivery Time in Days at named place of CIP destination in accordance with ITB 14.8 (c) (i)	Quantity and Physical unit	CIP Unit Price & Currency excluding Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i)	Unit Price & Currency Related Services (handling, commissioning, and where applicable installation and training in accordance with ITB 14.8(c)(ii)	Custom Duties and Import Taxes paid & Currency per unit in accordance with ITB 14.8(c)(iii), [to be supported by documents]	Sales and other taxes paid or payable & Currency per item if Contract is awarded, in accordance with ITB 14.8(c)(iv)	Currency & Total Price per line item (Col. (6+7)x5)		
<i>[Insert number of the item]</i>	<i>[Insert name of Goods]</i>	<i>[Insert country of origin of the Goods]</i>	<i>[Insert quoted Delivery Time in days]</i>	<i>[Insert number of units to be supplied and name of the physical unit]</i>	<i>[Insert unit price per unit]</i>	<i>[Insert currency & unit price for all required local services]</i>	<i>[Insert custom duties and taxes paid & currency per unit]</i>	<i>[Insert sales and other taxes payable & currency per item if Contract is awarded]</i>	<i>[Insert currency & total price per line item]</i>		
Total Price (including currency) CIP plus local services (if any) <i>[Insert name of Purchaser's Country]</i>											

Name of Bidder *[Insert complete name of Bidder]* Signature of Bidder *[Signature of person(s) signing the Bid]* Date *[Insert Date]*

Price Schedule: Goods Manufactured in the Purchaser's Country

Currencies in accordance with ITB Sub-Clause 15							Date: <i>[Insert]</i>
							ICB No.: <i>[Insert]</i>
							Lot No.: <i>[Insert, if applicable]</i>
							Page <i>[Insert]</i> of <i>[Insert]</i>
1	2	3	4	5	6	7	8
Line Item No.	Description of Goods	Delivery Time in Days at named place of destination in accordance with ITB 14.8 (a) (i)	Quantity and Physical unit	Unit Price & Currency CIP	Unit Price & Currency Related Services (handling, commissioning, and where applicable installation and training in accordance with ITB 14.8(a)(ii))	Sales and other taxes payable per line item if Contract is awarded, in accordance with ITB 14.8(a)(iii)	Total Price & Currency per line item (Col. (5+6) x 4)
<i>[Insert number of the item]</i>	<i>[Insert name of Goods]</i>	<i>[Insert quoted Delivery Time in days]</i>	<i>[Insert number of units to be supplied and name of the physical unit]</i>	<i>[Insert CIP unit price & currency]</i>	<i>[Insert currency & unit price for all required local services]</i>	<i>[Insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[Insert total price & currency per item]</i>
Total Price (including currency) CIP plus local services (if any) <i>[Insert name of Purchaser's Country]</i>							

Name of Bidder *[Insert complete name of Bidder]* Signature of Bidder *[Signature of person(s) signing the Bid]* Date *[Insert Date]*

[Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.]

Bid Security

Beneficiary: *[Insert name and Address of Purchaser]*

Date: *[Insert date of issue]*

BID GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *[Insert name and address of the bidder, which in the case of a joint venture shall be the name and address of the joint venture]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its bid (hereinafter called "the Bid") for the supply of *[Insert project, object of the contract/brief description of the goods and related services]* under International Competitive Bidding No. *[Insert ICB number]*.

Waiving all objections and defenses, we, as Guarantor, hereby irrevocably and independently undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[Insert guarantee amount and currency in words and figures]* upon receipt by us of the Beneficiary's first demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) Has withdrawn its Bid during the period of bid validity set forth in the Applicant's Bid Submission Form (the Bid Validity Period"); or
- (b) Having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period, (i) has failed to sign the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee shall expire not later than *[Insert expiry date]*¹.

By this date we must have received any claims for payment by letter or encoded telecommunication.

It is understood that you will return this guarantee to us on expiry or after payment of the total amount to be claimed hereunder.

[As preferred option regarding guarantee rules insert²: This guarantee is subject to the Uniform Rule for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.]

Place, date

Guarantor's authorized signature(s)

¹ Pursuant to ITB Clause 19.3 the guarantee must be valid for at least 42 days beyond the bid validity.

² In the case the issuing bank will not add the preferred option, the following must be added instead: This guarantee is governed by the laws of *[Insert country of jurisdiction]*. Note: the country of jurisdiction shall be the country where the bank's branch issuing the guarantee is physically located.

Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the **BDS**, and for Items listed in the **BDS** and/or **Specifications**]*

[Note: All italicized text is for use in preparing these forms by bidders and shall be deleted from the final document.]

Date: *[Insert date]*

ICB No.: *[Insert ICB No.]*

To: *[Insert complete name of Purchaser]*

WHEREAS

We *[Insert complete name of Manufacturer]*, who are official manufacturers of *[Insert type of goods manufactured]*, having factories at *[Insert full address of Manufacturer's factories]*, do hereby authorize *[Insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us:

[Insert name and or brief description of the Goods],

and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[Insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[Insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[Insert title]*

Date signed *[Insert date of signing]* day of *[Insert month]* *[Insert year]*

Section V. Eligibility Criteria

Eligibility in KfW-Financed Procurement

1. Consulting Services, Works, Goods, Plant and Non-Consulting Services are eligible for KfW financing regardless of the country of origin of the Contractors (including Subcontractors and suppliers for the execution of the Contract), except where an international embargo or sanction by the United Nations, the European Union or the German Government applies.
2. Applicants/Bidders (including all members of a Joint Venture and proposed or engaged Subcontractors) shall not be awarded a KfW-financed Contract if, on the date of submission of their Application/Offer or on the intended date of Award of a Contract, they:
 - 2.1 are bankrupt or being wound up or ceasing their activities, are having their activities administered by courts, have entered into receivership, or are in any analogous situation;
 - 2.2 have been
 - (a) convicted by a final judgement or a final administrative decision or subject to financial sanctions by the United Nations, the European Union and/or the German Government for involvement in a criminal organisation, money laundering, terrorist-related offences, child labour or trafficking in human beings; this criterion of exclusion is also applicable to legal Persons, whose majority of shares are held or factually controlled by natural or legal Persons which themselves are subject to such convictions or sanctions;
 - (b) convicted by a final court decision or a final administrative decision by a court, the European Union or national authorities in the Partner Country or in Germany for Sanctionable Practice during any Tender Process or the performance of a Contract or for an irregularity affecting the EU's financial interests, unless they provide supporting information together with their Declaration of Undertaking (Form available as Appendix to the Application/Offer which shows that this conviction is not relevant in the context of this Contract and that adequate compliance measures have been taken in reaction;
 - 2.3 have been subject within the past five years to a Contract termination fully settled against them for significant or persistent failure to comply with their contractual obligations during Contract performance, unless this termination was challenged and the dispute resolution is still pending or has not confirmed a full settlement against them;
 - 2.4 have not fulfilled applicable fiscal obligations regarding payments of taxes either in the country where they are constituted or the PEA's country;
 - 2.5 are subject to an exclusion decision of the World Bank or any other multilateral development bank and are listed in the respective table with debarred and cross-debarred firms and individual available on the World Bank's website or any other multilateral development bank unless they provide supporting information together with their Declaration of Undertaking which shows that this exclusion is not relevant in the context of this Contract or
 - 2.6 have given misrepresentation in documentation requested by the PEA as part of the Tender Process of the relevant Contract.

- 3 State-owned entities may compete only if they can establish that they (i) are legally and financially autonomous, and (ii) operate under commercial law. To be eligible, a state-owned entity shall establish to KfW's satisfaction, through all relevant documents, including its charter and other information KfW may request, that it: (i) is a legal entity separate from their state (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to their state, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt

Section VI. KfW Policy – Sanctionable Practice – Social and Environmental Responsibility

1) Sanctionable Practice

The PEA and the Contractors (including all members of a Joint Venture and proposed or engaged Subcontractors) must observe the highest standard of ethics during the Tender Process and performance of the Contract.

By signing the Declaration of Undertaking the Contractors declare that (i) they did not and will not engage in any Sanctionable Practice likely to influence the Tender Process and the corresponding Award of Contract to the PEA's detriment, and that (ii) in case of being awarded a Contract they will not engage in any Sanctionable Practice.

Moreover, KfW requires to include in the Contracts a provision pursuant to which Contractors must permit KfW and in case of financing by the European Union also to European institutions having competence under European law to inspect the respective accounts, records and documents relating to the Tender Process and the performance of the Contract, and to have them audited by auditors appointed by KfW.

KfW reserves the right to take any action it deems appropriate to check that these ethics rules are observed and reserves, in particular, the rights to:

- (a) reject an Offer for Award of Contract if during the Tender Process the Bidder who is recommended for the Award of Contract has engaged in Sanctionable Practice, directly or by means of an agent in view of being awarded the Contract;
- (b) declare misprocurement and exercise its rights on the ground of the Funding Agreement with the PEA relating to suspension of disbursements, early repayment and termination if, at any time, the PEA, Contractors or their legal representatives or Subcontractors have engaged in Sanctionable Practice during the Tender Process or performance of the Contract without the PEA having taken appropriate action in due time satisfactory to KfW to remedy the situation, including by failing to inform KfW at the time they knew of such practices.

KfW defines, for the purposes of this provision, the terms set forth below as follows:

Coercive Practice	The impairing or harming, or threatening to impair or harm, directly or indirectly, any person or the property of the person with a view to influencing improperly the actions of a person.
Collusive Practice	An arrangement between two or more persons designed to achieve an improper purpose, including influencing improperly the actions of another person.
Corrupt Practice	The promising, offering, giving, making, insisting on, receiving, accepting or soliciting, directly or indirectly, of any illegal payment or undue advantage of any nature, to or by any person, with the intention of influencing the actions of any person or causing any person to refrain from any action.
Fraudulent Practice	Any action or omission, including misrepresentation that knowingly

or recklessly misleads, or attempts to mislead, a person to obtain a financial benefit or to avoid an obligation.

Obstructive Practice Means (i) deliberately destroying, falsifying, altering or concealing evidence material to the investigation or the making of false statements to investigators, in order to materially impede an official investigation into allegations of a Corrupt Practice, Fraudulent Practice, Coercive Practice or Collusive Practice, or threatening, harassing or intimidating any Person to prevent them from disclosing their knowledge of matters relevant to the investigation or from pursuing the investigation, or (ii) any act intended to materially impede the exercise of KfW's access to contractually required information in connection with an official investigation into allegations of a Corrupt Practice, Fraudulent Practice, Coercive Practice or Collusive Practice.

Sanctionable Practice Any Coercive Practice, Collusive Practice, Corrupt Practice, Fraudulent Practice or Obstructive Practice (as such terms are defined herein) which is unlawful under the Financing Agreement.

2) Social and Environmental Responsibility

Projects financed in whole or partly in the framework of Financial Cooperation have to ensure compliance with international Environmental, Social, Health and Safety (ESHS) standards (including issues of sexual exploitation and abuse and gender based violence) Contractors in KfW-financed projects shall consequently undertake in the respective Contracts to:

- (a) comply with and ensure that all their Subcontractors and major suppliers, i.e. for major supply items comply with international environmental and labour standards, consistent with applicable law and regulations in the country of implementation of the respective Contract and the fundamental conventions of the International Labour Organisation¹ (ILO) and international environmental treaties and;
- (b) implement any environmental and social risks mitigation measures, as identified in the environmental and social impact assessment (ESIA) and further detailed in the environmental and social management plan (ESMP) as far as these measures are relevant to the Contract and implement measures for the prevention of sexual exploitation and abuse and gender-based violence

¹ In case ILO conventions have not been fully ratified or implemented in the Employer's country the Applicant/Bidder/Contractor shall, to the satisfaction of the Employer and KfW, propose and implement appropriate measures in the spirit of the said ILO conventions with respect to a) workers grievances on working conditions and terms of employment, b) child labour, c) forced labour, d) worker's organisations and e) non-discrimination.

PART 2 – Supply Requirements

Section VII. Schedule of Requirements

Contents

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1. List of Goods and Delivery Schedule

[The Purchaser shall fill in this table, with the exception of the column "Bidder's offered Delivery date" to be filled by the Bidder. The item list should be identical to the Price Schedule (Section IV); alternatively, lot numbers may be used if the required delivery time is identical for all items of a lot]

Line Item No. or Lot No.	Description of Goods	Quantity ¹	Physical Unit ¹	Named Place of Destination as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date ² at named place of destination	Latest Delivery Date at named place of destination	Bidder's offered Delivery date at named place of destination [to be provided by the bidder]
Lot 1	All items as described in Technical Specifications	-	-	Final destination in accordance with "6. Distribution of Goods."	No minimum	180 days	
Lot 2	All items as described in Technical Specifications	-	-	Final destination in accordance with "6. Distribution of Goods."	No minimum	180 days	
Lot 3	All items as described in Technical Specifications	-	-	Final destination in accordance with "6. Distribution of Goods."	No minimum	180 days	

¹ Only required to be filled in case of line items being listed; not required for lots.

² Earliest delivery date is used in cases where the Purchaser cannot accept delivery before a specific date, e.g. if construction work is still under way; if there is no earliest delivery date required, leave this column blank.

2. List of Related Services and Completion Schedule

Service No.	Description of Service	Quantity¹	Physical Unit¹	Place where Services shall be Performed	Final Completion Date(s) of Services
<i>[Insert Service No]</i>	<i>[Insert description of Related Services]</i>	<i>[Insert quantity of items to be supplied]</i>	<i>[Insert physical unit for the items]</i>	<i>[Insert name(s) of the Place]</i>	<i>[Insert required Completion Date(s)]</i>
1	Inland transportation	-	-	To final destination / project site(s)	30 days
2	Installation and Commissioning	-	-	Final destination / project site(s)	Within 30 days of delivery
3	Training	-	-	Final destination / project site(s)	Within 30 days of delivery
4	Servicing and maintenance	-	-	Final destination / project site(s)	As specified in “3. Technical Specifications”

¹ Only use if quantity/physical unit can be clearly attributed.

3. Technical Specifications

Bidder shall note that specifications, standards for workmanship, material and equipment, and open or hidden references to brand names or catalogue numbers, designated by the Purchaser in the Specifications, are intended to be descriptive only and not restrictive. The bidder may substitute other specifications, authoritative standards, brand names and/or catalogue numbers in its Bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions are equivalent or superior to those designated in the Specifications.

All Goods offered by Bidders and supplied by the successful Bidders must be new and unused, be of the most recent or current models, and must incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

List of Bid Packages

Lot No.	Description	No. of Line Items	Page No.
Lot 1	Technical Automotive Equipment and related accessories	297	-
Lot 2	Training Systems for Automotive Mechatronics	10	-
Lot 3	Automotive Body Building and Repair	252	-

Bidders shall provide a clause-by-clause commentary (see attached table) on the Purchaser's specifications, demonstrating the Goods' and related Services' responsiveness to those specifications or a statement of deviation and exceptions to the provisions of the Purchaser's specifications. General replies to the Purchaser's specifications, such as 'acceptable', 'comply', 'yes', etc., or simply copying the Purchaser's specifications word-by-word, will be treated without exception as non-responsive during the technical evaluation; bidders are also requested to strictly refrain from self-classification of their replies to the Purchaser's specifications (such as 'better', 'compliant', 'acceptable', etc.); **any statement made by the Bidder(s) must be verifiable in the provided catalogues/leaflets/literature** ('custom-made' catalogues/leaflets/literature, i.e. literature specifically manufactured for this tender, and e.g. only consisting of a picture and some text, and generally appearing unprofessional, will not be accepted).

Technical Evaluation

The technical evaluation shall be conducted based on a thorough comparison of the Bidder's offered specifications against the Purchaser's required specifications, using the following four (4) evaluation terms: **comply** (an item complies with, or exceeds, the Purchaser's specifications; the classification 'exceeds specification' shall be used rational and an excessive overspecification, e.g. in terms of capacity, size, power, shall not be considered and accepted), **acceptable** (an item does not fully comply with the Purchaser's specifications,

has minor deviations, but fulfills perfectly well the intended purpose), **borderline** (an item deviates considerably from the Purchaser's specifications, but may just be considered for the purpose intended; this classification is not permitted for major items), and **not comply** (an item deviates to an extent not suitable for the intended purpose).

Bidder's Technical Capacity

Bidder's must have at least **two (2) – to be proven with CVs** - qualified equipment technicians or engineers, certified by the manufacturer(s) where appropriate, for the purpose of installation and training, and available to support the local agent for after sales services on short notice **over a period of 24 months**

Standards and Certifications

In accordance with "3. Technical Specifications": Common Specifications & Requirements and Item Specifications.

Spare Parts Requirements

Spare parts must be available on short notice, through the bidder, the bidder's local agent or the manufacturer-appointed official representative of the goods.

Mandatory consumables and/or spare parts required for the proper functioning of equipment for an initial given period of time are specified as items in "3. Technical Specifications", as applicable.

After Sales Service (Local Agent)

If the bidder's is making use of a local agent, in the Purchaser's country, the local agent must be a qualified firm handling goods' similar to those offered within their business activities, and must have at least **two (2) – to be proven with CVs** - adequate and qualified maintenance and service staff, certified by the manufacturer(s) where appropriate, for the goods offered by the bidder. A brief description of the local agent, including registration/licence documents and proof of tax registration shall also be provided.

Common Specifications & Requirements

The equipment and accessories are intended to be used in technical vocational education and training in Kenya, in an as much as possible near praxis environment.

The following specifications are common to all relevant items. In their bids, bidders must include information indicating compliance with these requirements.

- a) Electrical items must perform correctly, safely, and be compatible with the public Kenyan electricity supply, in terms of voltage, frequency, and interface. Bidders must factor in this requirement in their offers for electrical items.
- b) All equipment items must be provided with an instruction / user manual in the English language.

- c) All equipment items must be provided with the relevant safety and/or quality certificates (e.g. CE-marking, compliance to relevant or mandatory ISO, DIN, IEC standards).
- d) All equipment items must include a warranty in accordance with Contract Conditions, Section 28 "Warranty", valid in Kenya.
- e) In their bids, bidders must provide 1) Table of Contents 2) Sample pages for teaching instructions / books for students and trainers (if such items are required in the lot or tender).

Purchaser's and Supplier's Responsibilities for Installation and Work on Site

Item	Subject	Assignment	Responsibility
1	Preparation	Each workshop/laboratory/etc. at the Project Site(s), including the necessary outlets for electricity, water supply, drain, etc., installed and functional	Purchaser
		Listing requirements for above	Supplier
2	Transportation	Arranging transportation and insurance CIP place of entry, and after customs clearance to each Project Site (final destination(s))	Supplier
		Storage on site in an easily accessible storage room at the Purchaser's premises	Purchaser
		Lifting and handling on site	Purchaser
		Supervision of above	Supplier
		Unpacking and checking against the contract	Purchaser and Supplier
		Processing of damages and/or insurance claims	Purchaser and Supplier
3	Installation	Foundation works for equipment (including materials)	Purchaser
		Listing requirements for above	Supplier
		Supply of utilities for installation	Purchaser
		All necessary material to connect various items into functioning systems	Supplier
		Installation	Supplier
		Commissioning / Maintenance requirements	Supplier
4	Electric Wiring	Up to the required sockets at point of installation	Purchaser

Item	Subject	Assignment	Responsibility
		Listing requirements for above	Supplier
5	Ancillary Items	Any ancillary items required for the proper operation of each item, unless part of the specifications	Purchaser
6	User Training	For items defined and listed in the specifications	Supplier
7	Acceptance	Acceptance of delivered items	Purchaser and Beneficiaries

Manufacturer's Authorization

The following items require a manufacturer's authorization to be submitted by the Supplier:

Lot 1	Reference is made to Section II. Bid Data Sheet (BDS); B. Contents of Bidding Documents; ITB 17.2 (a)
Lot 2	Reference is made to Section II. Bid Data Sheet (BDS); B. Contents of Bidding Documents; ITB 17.2 (a)
Lot 3	Reference is made to Section II. Bid Data Sheet (BDS); B. Contents of Bidding Documents; ITB 17.2 (a)

Installation of items

The following items require installation by the Supplier:

Lot 1	199 ; 247
Lot 2	N/A
Lot 3	N/A

Initial User Training for items

If not already specified as separate items in the Technical Specifications, the following items require initial user training by the Supplier:

Lot 1	N/A
Lot 2	419
Lot 3	167; 168; 234

Bidders are required to include the related costs in their Price Schedule(s) under local services.

User Manuals

If not already specified as separate items in the Technical Specifications, the following items require user manuals to be provided, in English language, by the Supplier:

Lot 1	Reference is made to Section VII Schedule of Requirements; 3. Technical Specifications; Common Specifications & Requirements (b)
Lot 2	Reference is made to Section VII Schedule of Requirements; 3. Technical Specifications; Common Specifications & Requirements (b)
Lot 3	Reference is made to Section VII Schedule of Requirements; 3. Technical Specifications; Common Specifications & Requirements (b)

Maintenance & Consumable Requirements

Maintenance services and consumables must be available from the supplier's appointed local agent.

If the technical specifications already specify maintenance services, spare parts and/or consumables as separate line items, then bidders are required to provide their quotations for such items.

Environmental, Social, Health and Safety (ESHS) Requirements

In accordance with the Technical Specifications and KfW Declaration of Undertaking.

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
N/A	N/A	Items 1-6 not included in this Lot.	N/A	N/A	N/A	N/A
7	Swing door cabinet	Plain sheet metal swing doors; colour: body light grey RAL 7035, doors signal blue RAL 5005, powder-coated; mounting for storage shelves at 20 mm intervals; lockable doors; height 2000 mm, width 1000 mm, depth 725 mm; 4 shelves.	pc.	2	N	[Manufacturer/Brand] [Model] [Offered specifications] ¹
8	Pillar drilling machine	Column diameter 92 mm, Length 698 mm, Width/depth 449 mm, Height 1721 mm; Drilling performance steel (S235JR) 28 mm, continuous drilling performance steel (S235JR) 24 mm; Drilling table: workspace length 340 mm, workspace width 360 mm, T-groove type diagonal, T-groove 14 mm, Rotation 360 °; Spindle motor drive output 0.85 kW; Speed range 120 - 4000 1/min; Number of gears 16 stages; Speed control manually; Spindle quill stroke 105 mm, Spindle chuck MK 3; Reach 200 mm; Complete with keyless chuck (1 - 16 mm), Morse taper MT3 / B16, T-nuts.	pc.	1	Y	“ “ “
9	Machine vice	Suitable for item: Pillar drilling machine. Prism jaws; jaw width 150 mm, jaw height 45 mm, span 130 mm; Spindle with rolled trapezoidal thread.	pc.	1	N	
10	Bench drill	Column diameter 70 mm, Length 700 mm, Width/depth 300 mm, Height 990 mm; Drilling performance steel (S235JR) 20 mm, Continuous drilling performance steel (S235JR) 18 mm; Drilling table: Workspace length 275 mm, Workspace width 275 mm, T-groove type diagonal	pc.	3	Y	

¹ Bidder's shall provide a clause-by-clause commentary on the Purchaser's Specifications, demonstrating the Goods' and Services' responsiveness to those Specifications or a statement of deviations and exceptions to the provisions of the Purchaser's Specifications. General replies to the Purchaser's Specifications, such as "acceptable", "comply", "yes", etc., or simply copying the Purchaser's specifications word-by-word, will be treated without exception as non-responsive during the technical evaluation; bidders are also requested to strictly refrain from self-classification of their replies to the Purchaser's Specifications (such as "acceptable", "better", "compliant", etc.); any statement made by the Bidder's must be verifiable in the provided catalogues/leaflets ("custom-made" catalogues/leaflets, i.e. literature specifically manufactured for this tender, and only consisting of a picture and some text, and generally appearing unprofessional, will not be accepted).

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		T-groove size 14 mm, Rotation 360 °, Angle $\pm 45^\circ$ Max. distance spindle - drilling table 465 mm; Machine base, Max. distance spindle - machine base 645 mm, Work area length 205 mm, Work area width 200 mm; Number of gears spindle motor 113 stages, Speed range 210 - 2220 1/min, Number of gears 12 Stages, Speed control manually; Spindle quill stroke 80 mm, Spindle chuck MT 2, Reach 170 mm; Complete with keyless chuck (1 - 16 mm), Morse taper MT2 / B16, T-nuts.				
11	Workbench	To be used as base cabinet suitable for item: Bench drill . Universal workbench without drawer; worktop length 1000 mm; height 850 mm; colour: body and supports light grey RAL 7035, power-coated.	pc.	3	Y	
12	Arm-type guillotine sheet metal shear	Arm type guillotine shear, for sheet thickness up to 1.5 mm and max. cutting length of up to 1250 mm; heavy cast iron construction, no welded construction; table dimensions 1530 mm x 600 mm; overall dimensions 2450 x 1000 x 1820 mm (L x W x H).	pc.	1	N	
13	Spare knife	Suitable for item: Arm-type guillotine sheet metal shear.	pc.	1	N	
14	Lever shears	Manual lever shears for cutting metal plates, sheets, round and flat steel with a thickness/diameter of up to 10 mm; max. cutting length 235 mm.	pc.	1	N	
15	Spare knife set	Suitable for item: Lever shears	pc.	1	N	
N/A	N/A	Items 14-24 not included in this Lot.	N/A	N/A	N/A	N/A
25	Metal band saw	roller diameter 62 mm; max. bending performance in steel 400 N/mm ² 1.2 mm; collar width 100 mm. Cutting ranges: 0° round (full material) 125 mm; 0° square (full material) 150 mm; 0° rectangle horizontal (full material) 150 x 230 mm; +45° rectangle horizontal (full material) 145 x 180 mm; +60° rectangle horizontal (full material) 90 x 120 mm; saw band speed(s) 45/90 m/min; saw band length 2480 mm; saw band width 27 mm; saw band thickness 0.9 mm; cutting angle 0 – 60 °.	pc.	1	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
26	Saw band	Saw band set 2,480 x 27 x 0,9 mm consisting of: 1x saw band 5 - 8 ZpZ, tooth angle 0 1x saw band 5 - 8 ZpZ, tooth angle 6 ° 1x saw band 6 - 10 ZpZ, tooth angle 0 °.	set	3	N	
27	Vernier caliper	Measuring range 150 mm, DIN 862; graduation 1/20; scale division 0.05 mm; with depth gauge rod.	pc.	5	N	
28	Vernier depth gauge	Measuring range 200mm, DIN 862; graduation 1/20; scale division 0.05 mm.	pc.	5	N	
29	External micrometer	External micrometer set; 4-piece set; measuring range 0 - 100 mm.	set	1	N	
30	Steel rule	Stainless steel; length 300 mm; scale graduations: upper edge 0.5 mm - lower edge 1mm.	pc.	5	N	
31	Steel straight edge	Stainless steel; length 200 mm; straightness tolerance 0.0003 mm.	pc.	5	N	
32	Divider	Spring divider with fixed tips; length 200 mm; opening width 160 mm.	pc.	5	N	
33	Bevel edge square	Stock length 150 x 100 mm; 2 bevelled straight edges on long blade; DIN 875/00; stainless steel; accuracy class 00.	pc.	5	N	
34	Stock square	Stock length 150 x 100 mm; DIN 875/2; accuracy class 02.	pc.	5	N	
35	Try square	Stock length 150 x 100 mm; DIN 875/2; accuracy class 02.	pc.	5	N	
36	Protractor	Open semicircular graduated arc with graduation 0 - 180°; reading 1°; graduated arc diameter 120mm; stock length 150 mm.	pc.	5	N	
37	Scriber	Angle scriber; 1 straight and 1 angled point; point hardness 48-55 HRC; overall length 230 mm.	pc.	5	N	
38	Chisel and punch set	Chisel, taper pin punch and centre punch set in plastic holder; chrome vanadium steel; consisting of: 1 flat cold chisel 125 mm; 1 flat cold chisel 150 mm; 1 cross-cut cold chisel 125 mm; 1 taper pin punch 120 x 2mm; 1 taper pin punch 150 x 3 mm; 1 centre punch 120 x 4 mm.	set	5	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
39	Mortise chisel	Blade 10 x 2mm; shaft length 125 mm; chrome vanadium steel.	pc.	5	N	
40	Workshop file - cut 1	Set of quality workshop files; cut 1 (bastard); length without tang 250 mm; with impact resisting plastic handles; 5 pieces, consisting of: 1 flat file, 1 triangular file, 1 square file, 1 half round file, 1 round file.	set	5	N	
41	Workshop file - cut 3	Set of quality workshop files; cut 3 (smooth); length without tang 250 mm; with impact resisting plastic handles; 5 pieces, consisting of: 1 flat file, 1 triangular file, 1 square file, 1 half round file, 1 round file.	set	5	N	
42	File brush	Bristle length x width 100 x 25 mm.	pc.	5	N	
43	Wire brush	Wire hand scratch brush; smooth steel wire 0.35 mm; curved wooden body; length of brush section 140 mm; wire length 25 mm; 6 bristle rows.	pc.	5	N	
44	Industrial floor broom	Length 600 mm; polymer coconut fibre; with hole for handle diameter 24 mm.	pc.	5	N	
N/A	N/A	<i>Item 45 not included in this Lot.</i>	N/A	N/A	N/A	N/A
46	Workbench hand brush	Wooden body; polymer coconut fibre; length 280 mm.	pc.	5	N	
N/A	N/A	<i>Item 47 not included in this Lot.</i>	N/A	N/A	N/A	N/A
48	Single-lens safety glasses	One-piece safety glasses; flex arms without hinges; side protection; DIN EN 160 - 170.	pc.	5	N	
49	Engineer's hammer	With wooden handle; weight 300g; handle length 300 mm; special tool steel; hammer head to DIN 1041.	pc.	5	N	
50	Engineer's hammer	With wooden handle; weight 500g; handle length 320 mm; special tool steel; hammer head to DIN 1041.	pc.	5	N	
51	Plastic hammer	Cellidor inserts; hammer head diameter 32 mm; handle length 280 mm; weight appr. 380 g.	pc.	5	N	
52	Hacksaw frame	Hacksaw frame; all-steel back; plastic handle; overall length 520 mm; with bi-metal blade 24 tpi.	pc.	5	N	
53	Hacksaw blade	Suitable for item: Hacksaw frame; single-sided; bi-metal.	pc.	10	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
N/A	N/A	Items 54-55 not included in this Lot.	N/A	N/A	N/A	N/A
56	Hand vice	Forged steel; wide jaws with prism; reinforced shank with secure hinge guide and enclosed special spring; spindle with trapezoidal thread and strong butterfly nut; overall length 100 mm; jaw width 40 mm; jaw capacity 18 mm.	pc.	5	N	
57	Screwdriver	Workshop screwdriver set (8 pieces) consisting of: 1 piece each slot-head screwdriver size 3.5-5.5-7-8; 1 piece each screwdriver for Phillips size 1 + size 2; 1 piece each Pozidriv screwdriver size 1 + size 2.	set	5	N	
58	Spanner set	Double open-ended spanner set (10 pieces); spanner sizes: 6/7; 8/9; 10/11; 12/13; 14/15; 16/17; 18/19; 20/22; 21/24; 27/30.	set	5	N	
59	Spanner clip holder	Suitable for item: Spanner set ; plastic clip holder for spanners; 12 sockets.	pc.	5	N	
60	Thread cutting set (metric)	Set of HSS taps and dies (with 3-piece tap sets) in sheet metal case; consisting of: 1 each tap set, 3-piece, sizes: M3 - M4 - M5 - M6 - M8 - M10 - M12; 1 each die, sizes: M3 - M4 - M5 - M6 - M8 - M10 - M12; 1 each jobber drill, sizes: 2.5 - 3.3 - 4.2 - 5 - 6.8 - 8.5 - 10.2; 1 each adjustable tap wrench, sizes: 1 - 2; 1 tap wrench with ratchet; 1 each die stock, sizes: 20x5 - 20x7 - 25x9 - 30x11 - 38x14.	set	1	N	
61	Thread cutting tap (metric)	M3; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	
62	Thread cutting tap (metric)	M4; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	
63	Thread cutting tap (metric)	M5; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	
64	Thread cutting tap (metric)	M6; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	
65	Thread cutting tap (metric)	M8; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
66	Thread cutting tap (metric)	M10; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	
67	Thread cutting tap (metric)	M12; DIN 352; HSS; 3-piece set consisting of taper tap, second tap, plug tap.	set	1	N	
68	Adjustable tap wrench	Size 1; DIN 1814; with hardened jaws.	pc.	2	N	
69	Adjustable tap wrench	Size 2; DIN 1814; with hardened jaws.	pc.	2	N	
70	Die (metric)	M3; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
71	Die (metric)	M4; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
72	Die (metric)	M5; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
73	Die (metric)	M6; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
74	Die (metric)	M8; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
75	Die (metric)	M10; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
76	Die (metric)	M12; EN 22568; DIN 13-6g; HSS.	pc.	2	N	
77	Die stock	Size (diameter x height): 20x5	pc.	2	N	
78	Die stock	Size (diameter x height): 20x7	pc.	6	N	
79	Die stock	Size (diameter x height): 25x9	pc.	1	N	
80	Die stock	Size (diameter x height): 30x11	pc.	1	N	
81	Die stock	Size (diameter x height): 38x14	pc.	1	N	
82	Adjustable tap wrench	Size 3; DIN 1814; with hardened jaws.	pc.	1	N	
83	Adjustable tap wrench	Size 5; DIN 1814; with hardened jaws.	pc.	1	N	
84	Die (Whitworth)	G1/8; EN 24231; HSS.	pc.	1	N	
85	Die (Whitworth)	G1/4; EN 24231; HSS.	pc.	1	N	
86	Die (Whitworth)	G3/8; EN 24231; HSS.	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
87	Die (Whitworth)	G1/2; EN 24231; HSS.	pc.	1	N	
88	Die (Whitworth)	G3/4; EN 24231; HSS.	pc.	1	N	
89	Die (Whitworth)	G1; EN 24231; HSS.	pc.	1	N	
90	Die stock	Size (diameter x height): 30x11	pc.	1	N	
91	Die stock	Size (diameter x height): 38x10	pc.	1	N	
92	Die stock	Size (diameter x height): 45x14	pc.	1	N	
93	Die stock	Size (diameter x height): 55x16	pc.	1	N	
94	Die stock	Size (diameter x height): 65x18	pc.	1	N	
95	Plug gauge	Go/No Go plug gauges set H7; 3-12 mm; DIN 7150-2/DIN 7164; 7 pieces; 1 each plug gauge, sizes: 3 - 4 - 5 - 6 - 8 - 10 - 12 all in fit H7. In strong wooden box with protective foam cushion.	set	1	N	
96	Radius gauge	Stainless steel; for checking internal and external radii 0.5 - 13 mm; 0.5 mm increments.	set	1	N	
97	Radius gauge	Stainless steel; for checking internal and external radii 1 - 7 mm; 0.25 mm increments for radii 1 - 3 mm; 0.5 mm increments for radii 3 - 7 mm.	set	1	N	
98	Radius gauge	Stainless steel; for checking internal and external radii 7.5 - 15 mm; 0.5 mm increments.	set	1	N	
99	Radius gauge	Steel; for checking internal and external radii 15.5 - 25 mm; 0.5 mm increments for radii 15.5 - 20 mm; 1 mm increments for radii 20 - 25 mm..	set	1	N	
100	Countersink	Countersink set; DIN 335 C; HSS; 5-piece set in a round box or sheet metal case; 1 each countersink, sizes: 6.3 - 10.4 - 12.4 - 16.5 - 20.5.	set	1	N	
101	Counterbore	Counterbore set in metal sheet or plastic case for through holes; for screws M3 - M4 - M5 - M6 - M8 - M10; size DM; DIN 373; HSS; 6-piece set; 1 each counterbore, sizes: 6.5x3.4 - 8x4.5 - 10x5.5 - 11x6.6 - 15x9 - 18x11.	set	1	N	
102	Hand Reamer	Nominal diameter: 5H7; DIN 206 B; HSS; for through and interrupted holes.	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
103	Hand Reamer	Nominal diameter: 6H7; DIN 206 B; HSS; for through and interrupted holes.	pc.	1	N	
104	Hand Reamer	Nominal diameter: 8H7; DIN 206 B; HSS; for through and interrupted holes.	pc.	1	N	
105	Hand Reamer	Nominal diameter: 10H7; DIN 206 B; HSS; for through and interrupted holes.	pc.	1	N	
106	Hand Reamer	Nominal diameter: 12H7; DIN 206 B; HSS; for through and interrupted holes.	pc.	1	N	
107	Scribing and marking out plate	Stable rigged design; aged special cast iron; scraped surface finish; cast-in support points; DIN 876/1; length x width: 800 x 500 mm.	pc.	1	N	
108	Support frame	Suitable for item: Scribing and marking out plate	pc.	1	N	
109	Marking-out spray	Colour: blue; 400 ml can.	pc.	2	N	
110	Numeral punch	Numeral punch set; 10-piece normal script 0 - 9; character height 4 mm.	set	1	N	
111	Screw clamp	DIN 5117; with integral spindle locking and anti-slip protection; jaw capacity 100 mm.	pc.	1	N	
112	Screw clamp	DIN 5117; with integral spindle locking and anti-slip protection; jaw capacity 200 mm.	pc.	1	N	
113	Flat scraper	Blade length 200mm; blade width 20 mm; C125 tool steel; DIN 8350 A	pc.	6	N	
114	Three-edge hollow scraper	Blade length 200mm; blade width 16 mm; chrome vanadium steel; DIN 8350 C	pc.	6	N	
115	Centre drill	Set of centre drills in a case; DIN 333; HSS; 10-piece set; 1 each in sizes: 0.75 - 1 - 1.5 - 1.6 - 2 - 2.5 - 3 - 3.15 - 4 - 5.	set	2	N	
116	Jobber drill	Jobber drill set in case; DIN 338; Typ N; HSS; h8; 29-piece set; drill range 1- 13 mm (incl. core hole drills dia. 3.3 - 4.3 - 6.8 - 10.2); incremental steps of drills 0.5 mm.	set	2	N	
117	Jobber drill	Large assortment case; DIN 338; Typ N; HSS; h8; 150-piece set; drill range 1- 10 mm; incremental steps of drills 0.5 mm.	set	2	N	
118	Taper sheet and	Taper sheet and tube drill set in a case; HSS; 3-piece set	set	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	tube drill	with cutter diameter from 3 - 30.5 mm, 1 each drill sizes: 3 - 14 mm, 8 - 20 mm; 16 - 30.5 mm; for sheet metal 0.1 - 2mm, stainless steel 0.1 - 1 mm; non-ferrous metals from 0.1 - 5 mm, plastics up to 10 mm.				
119	Cutting oil	High-performance cutting oil; high viscosity; chlorine-free; suited for thread tapping; 20 l can.	pc.	2	N	
120	Plastic bottle	Suitable for item: Cutting oil. Plastic oiler with discharge tube 250 ml.	pc.	6	N	
121	Hexagon key L-wrench	Hexagon key L-wrench set in plastic clip; 9-piece set; 1 each, sizes: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm.	set	6	N	
122	Hand snip - Berlin type	Overall length 250mm; tool steel; blades induction hardened (HRC 58-60); cutter length 65 mm; also for stainless steel (V2A) sheet metal up to 1.0 mm.	pc.	6	N	
123	Tin snip - Pelican type	Overall length 300mm; tool steel; blades induction hardened (HRC 58-60); cutter length 70 mm; also for stainless steel (V2A) sheet metal up to 1.0 mm.	pc.	6	N	
124	Hole snip	Overall length 250 mm; blades induction hardened (HRC 58-60); cutter length 45 mm; also for stainless steel (V2A) sheet metal up to 1.0 mm.	pc.	6	N	
125	Ideal shear	Overall length 260 mm; blades induction hardened (HRC 58-60); also for stainless steel (V2A) sheet metal.	pc.	6	N	
126	Pliers	Pliers set; jaws chrome plated; non-slip surface; plastic coated handles; 4-piece set, consisting of: 1 combination pliers 180 mm, 1 water pump pliers 250 mm, 1 snipe-nose pliers 200 mm, 1 side cutter 160 mm.	set	6	N	
127	Universal grip wrench	Overall length 175 mm; jaw shape double Vee; for clamping profiled and flat materials; chrome vanadium steel; clamping force up to 10000 N.	pc.	6	N	
128	Pipe vice	Portable; capacity for pipes up to 3 inch.	pc.	2	N	
129	Revolving punch pliers	Revolving punch pliers; strong pressed steel shanks with rotating wheel and lock; with 6 different hollow punches, sizes: 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 mm.	pc.	3	N	
130	Riveter	Hand pop riveter set with 50 each aluminium pop rivets, sizes (diameter x length): 2.4 x 5.5 - 3.2 x 6.3 - 4.0 x 6.3 -	set	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		4.8 x 6.0 mm.				
131	Aluminium blind rivet	Aluminium blind rivet assortment; 400-piece set; 100 each, sizes: 2.4 - 3.2 - 4.0 - 4.8 mm.	set	2	N	
132	Copper hammer	Weight 250 g; handle length 280 mm; with hickory handle.	pc.	6	N	
133	Dead-blow hammer	Copper inserts; with hickory handle; hammer head dia. 24 mm.	pc.	6	N	
134	Universal deburrer	2-component grip with 3 blades (S10, S20, S35); handle with rotating, exchangeable blades.	pc.	2	N	
135	Pipe wrench	Up to pipe diameter 1 1/2 inch; Swedish design; with broad 90° offset jaw; fully forged with captive adjustment nut; jaw capacity 59 mm.	pc.	3	N	
136	Surface plate	Natural granite control surface plate; accuracy class 0; length x width 630 x 630 mm.	pc.	1	N	
137	Height gauge	Precision vernier height gauge; marking height 300 mm; strong base with lapped standing surface; reading 0.02 mm with fine adjustment; with magnifying glass; vernier 1/50.	pc.	1	N	
138	Locking tape measure	Band length 3m; with mm/inch graduations	pc.	5	N	
139	Locking tape measure	Band length 5m; with mm/inch graduations	pc.	2	N	
140	Sheet metal rack	Base frame 1560 x 600 mm; support roller; height 880 mm; width 1560 mm; depth 600 mm; 5 compartments.	pc.	2	N	
141	Cantilever arm rack	Rack width 5000 mm; single-sided; depth 500 mm; rack height 2500 mm; 5 rack stiles; 20 cantilever arms; load capacity per stile 2000 kg.	pc.	2	N	
N/A	N/A	<i>Item 142 not included in this Lot.</i>	N/A	N/A	N/A	N/A
143	Tool cabinet	Sheet metal tool cabinet with 7 drawers; for drawer runner mountings at 25 mm intervals; central locking; anti-tilt device; size H/W/D 1000/717/725; colour: body RAL 7035 light grey, drawers RAL 5005 signal blue powder-coated.	pc.	3	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
N/A	N/A	Items 144-145 not included in this Lot.	N/A	N/A	N/A	N/A
146	Cordless drill/screwdriver	2-speed drill/screwdriver 18V, reversible; quick-change chuck; LED illumination of working area; with 2 x 18V/2.0 Ah Li-on batteries, charger, transport case and additional handle.	pc.	3	N	
147	Angle grinder	Angle Grinder, disc dia. 125 mm; 1300 W; speed 11.500 rpm; Spindle thread M14 x 2, Power supply cord at least 2.5 m.	pc.	2	N	
148	Universal grinding disc	Suitable for item: Angle grinder; rough grinding disc for universal use on stainless steel, steel and cast iron; specification: A30R-BF; disc diameter x disc width: 125 x 7 mm.	pc.	15	N	
N/A	N/A	Items 149-179 not included in this Lot.	N/A	N/A	N/A	N/A
180	Boring drill bit set	8-piece set; Boring bars, sizes: BJ2008-32L / BJ2010-40L / BJ2014-53L / BJ2016-68L / BJ2020-83L / BJ2025-96L / BJ2030-115L / BJ20-L20-100L; Incl. Boring bars, bolts, circle extension, tools.	set	1	N	
N/A	N/A	Items 181-183 not included in this Lot.	N/A	N/A	N/A	N/A
184	Universal external micrometer	Universal external micrometer with interchangeable anvils; measuring range 0 - 25 mm; DIN 863; with: wedge tip 60 degrees - disc dia. 12 mm - flat anvil dia. 6.5 mm - convex anvil R 6 - shouldered anvil dia. 2 mm - roove measuring anvil - conical tip 60 degrees.	set	2	N	
185	Vee block	Pair of double Vee blocks with clamp; with handle for clamping components; length x width: 70 x 45 mm.	set	1	N	
186	Machine thread cutting set (metric)	Through hole machine tap set; DIN 371, DIN 376; 14-piece set (machine taps + tapping drills), sizes: M3 - M4 - M5 - M6 - M8 - M10 - M12.	set	1	N	
187	Machine thread cutting set (metric)	Blind hole machine tap set; DIN 371, DIN 376; 14-piece set (machine taps + tapping drills), sizes: M3 - M4 - M5 - M6 - M8 - M10 - M12.	set	1	N	
188	Measuring stand	Mechanical magnetic measuring stand; standard dial indicator mounting for clamping shank diameter 6 and 8	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		mm.				
189	Dial indicator	1/10 mm reading; measuring range 10 mm; body diameter 58 mm; graduation 0.1 mm.	pc.	1	N	
190	Level dial indicator	1/1000 mm reading; measuring range per direction 0.7mm; body diameter 40 mm; with clamping spigot diameter 8 mm.	pc.	1		
191	Teacher training workbook -Turning	Documentation for the trainer. Learning objectives covered: Classify turning processes; Layout and operation of the lead screw/feed shaft machine lathe; Prepare the lathe for operation; Identify workpiece clamping devices and clamp workpieces in a three-jaw chuck; Identify workpiece clamping devices and clamp lathe tools; Identify and select lathe tools; Set the rotational speed, feed and depth; Measure clamped workpieces; Explain and use health and safety regulations and environmental protection measures; Explain chip formation and chip types; Centre workpieces; Explain material reference codes; Identify surface finish in accordance with DIN 1302; Determine rotational speed; Identify lathe tool types and cutting materials; Name cutting edge angles and explain how these are related; Explain a relief groove in accordance with DIN 76-A; Produce an internal thread and close-tolerance drilling; Fix a workpiece on a travelling lathe centre; Properties of thermoplastics; Machine polyethylene (PE); Secure workpieces (PE); Distinguish between internal and external radii; Identify profile lathe tools; Describe the steps involved in machining internal and external radii; Distinguish between, select and describe grooving and parting-off; Develop skills (transverse facing, longitudinal straight turning, centring, drilling, parting-off, deburring); Calculation for machining the taper; Machine and check the taper; Identify and select different types of knurling; Describe the procedure for knurling; Measure with a micrometer gauge; Identify	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		ISO tolerances/fit; Machine the threaded bolt; Plan and complete operations on the lathe individually; Describe the techniques for internal turning.				
192	Trainee training workbook -Turning	Trainee material comprises the 12 practical exercises, information on the turning processes, exercises with work planning information and self-evaluation, inspection and evaluation sheets and learning outcome tests. Learning objectives: Read, use and complete technical documents; Take into account the material properties of steel, non-ferrous metals and plastics during the machining process; Distinguish between lathe types and match lathes to manufacturing processes; Recognise, determine and control working sequences and actions on the machine lathe; Clamp and align tools and workpieces; Describe and inspect the cutting geometry of lathe tools; Use the lathe to produce workpieces according to specific parameters; Service machine lathes according to the lubrication chart.	pc.	10	N	
193	Teacher & Trainee training workbook - Turning basic and specialized training	Trainee material comprises the 12 practical exercises, information on the turning processes, exercises with work planning information and self-evaluation, inspection and evaluation sheets and learning outcome tests.	pc.	5	N	
194	Teacher training workbook -Milling	Documentation for the trainer. Learning objectives covered: Classify milling processes; Explain the design and function of a milling machine; Establish the operational readiness of a milling machine; Distinguish between milling tools; Select and fit appropriate toolholders; Clamp and align workpieces; Identify and setting of production parameters; Measure clamped workpieces; Explain and use health and safety regulations and environmental protection measures; Identify angles and surfaces on the cutting tool and highlight interdependencies (cutting geometry); Distinguish between milling processes according to DIN;	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		Set and operate the feed; Distinguish between different types of milling machines; Distinguish between milling processes depending on the intended surface type; Assemble tool blocks and indexable inserts that are appropriate for the task; Recognise tool wear and eliminate extreme causes of wear; Check and evaluate results; Plan procedures; Present planning results; Use and reinforce work techniques; Carry out and distinguish between milling work using the dividing head.				
195	Trainee training workbook - Milling	Learning objective as item: Teacher training workbook - Milling. The trainee workbook comprises 13 practical exercises for the production of a drill stand, information on the milling process, parts lists, work planning sheets, and inspection and evaluation sheets including self-check and learning outcome controls.	pc.	1	N	
196	Teacher & Trainee training workbook - Milling basic and specialized training	Trainee material comprises the project "Drill stand" is dealt with in 13 practical exercises, each accompanied by work information, parts lists and work planning sheets as well as inspection and evaluation sheets. The exercises are structured according to the "Leittext" method and are based on the end-to-end process model. This approach fosters both working and social competence. The exercises are equally suitable for individual and group work.	pc.	5	N	
197	Tool setting device	Tool setting desktop device; measurement range: longitudinal 300 mm, diameter 200 mm; cutting edge scanning; digital display; ground basic adapter; quick adjustment for x- and z- axis; rotating precision toolholder; replacable holding sleeves with different taper sizes (SK/HSK/PSC/VDI).	set	1	N	
N/A	N/A	<i>Item 198 not included in this Lot.</i>	N/A	N/A	N/A	N/A
199	MIG/MAG inert gas welding machine	MIG-MAG/FLUX/BRAZING welding machine with removable wire feeder, fit for use in the industrial field. Flexibility of use with a wide range of materials such as	set	1	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>steel, stainless steel, high strength steels and aluminium. Characteristics: very strong * numerous steps for regulation of arc voltage * regulation of spot welding time * two positions for reactance * thermostatic protection. Thanks to the extensions (optional) it is possible to increase the working range between wire feeder and power source up to 10 meters. Complete with MIG-MAG welding accessories. / (incl. operational and maintenance manual) Code: 827003 Mains voltage: 230/400V 50/60 Hz, 3 phase Current range: 40 - 300 A Max. current (40°C)(EN60974-1): 300A 25% Current at 60% (EN60974-1): 200 A Max. no load voltage: 41,5 V Absorbed power: 6 - 11,5 kW Power factor: 0,9 cosphi Mains fuse: 16 / 10 A Adjustment positions: 12 Wire diameter – Steel: 0,6 - 1,2 mm Wire diameter - Stainless steel: 0,6 - 1,2 mm Wire diameter – Aluminium: 0,8 - 1,2 mm Wire diameter – Flux: 1,0 - 1,2 mm Wire diameter – Brazing: 0,8 - 1,2 mm Protection class: IP22 Dimensions (L,W,H): 945x565x830 mm Weight: max 96 kg CE and GS proved,</p> <p>The standards LVD: EN 60974-1, The accuracy of the device has to fulfil the respective DIN/ISO standard Incl. operational and maintenance manual in English . Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.</p>				

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
200	Consumable spare parts kit	Suitable for item: MIG/MAG inert gas welding machine . Consumable spare parts; set, consisting of: 2 x nozzle holder M6; 3 x gas distributor brown; 5 x contact tip each 0.8 / 1.0 / 1.2 mm; 4 x gas nozzle conical; 1 x cylindrical gas nozzle; large sorting box.	set	1	N	
201	Wire electrode	Suitable for item: MIG/MAG inert gas welding machine ; Copper-plated wire electrode for MAG welding of unalloyed and low- alloyed materials; universal use under CO2 and various mixed gases in the workshop, repair and trade sector; DIN EN ISO 14341 - G 42 M G3Si1; AWS ASME SFA5.18 - HE 70 S-6; Ø 0.8 mm on reel (5 kg); unalloyed; material number: 1.5125.	pc.	2	N	
202	CO2 steel cylinders	50 Liter European ISO Quality Standard for safety reasons. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	4	N	
203	Set of gas pressure reducer incl. hose (incl. 2 spare set)	Suitable for item: MIG/MAG inert gas welding machine . Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc	2	N	
204	Gas nozzles (as spare parts)	Suitable for item: MIG/MAG inert gas welding machine . Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	4	N	
205	Current contact tubes (as spare parts)	Suitable for item: MIG/MAG inert gas welding machine . Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc	4	N	
206	Current contact tube holder (nozzle assembly) (as spare parts)	Suitable for item: MIG/MAG inert gas welding machine . Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	4	N	
207	Spirally wound wire electrode guide	Suitable for item: MIG/MAG inert gas welding machine . Compliance with relevant DIN/ISO/IEC	pc.	4	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	(spare parts)	standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
208	Insulator as (spare part)	Suitable for item: MIG/MAG inert gas welding machine. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
209	Automatic protection helmets for MIG / MAG / TIG welding	Automatic protection, 1 / 30000 sec.; DIN 9-13; Radiation protection area DIN 4; Field of view 100x50 mm; appr. 450g basic version. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
210	Outside glasses for above mentioned automatic protection helmet	Suitable for item: Automatic protection helmets for MIG / MAG / TIG welding. As spare part. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	20	N	
211	Inside glasses for automatic protection helmet	Suitable for item: Automatic protection helmets for MIG / MAG / TIG welding. As spare part. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc	20	N	
212	Pressure regulator for MIG/MAG	Suitable for item: MIG/MAG inert gas welding machine. ARGON –MIX Cylinder Pressure 400 Bar Working Pressure 35 Bar EN 565 200 Bar ISO 2303 300 Bar Class First. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
N/A	N/A	<i>Items 213-217 not included in this Lot.</i>	N/A	N/A	N/A	N/A
218	Arc welding	MMA, rectified, electrode welding machine in direct	set	1	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	machine (MMA)	<p>current (DC). Steeples regulation of welding current. Use with a wide range of electrodes: rutile, basic, stainless steel, cast iron and aluminium / (incl. operational and maintenance manual)Mains voltage: 230/400V 50/60 Hz, 3 phase</p> <p>Current range: 60 - 360 A DC</p> <p>Max. current (40°C)(EN60974-1): 325A 35% DC</p> <p>Current at 60% (EN60974-1) : 240A DC</p> <p>Max. no load voltage: 65V DC</p> <p>Absorbed power: 10 - 15 kW</p> <p>Power factor: 0,6 cosphi</p> <p>Electrode diameter: Ø 2 - 6 mm</p> <p>Protection class: IP22</p> <p>Dimensions mm (L,W,H): 100x54x76 mm</p> <p>Weight: max 111 kg</p> <p>CE and GS proved,</p> <p>The standards LVD: EN 60974-1, LVD: EN 50445, EMC: EN 60974-10 have to be fulfilled</p> <p>The accuracy of the device has to fulfil the respective DIN/ISO standard</p> <p>Incl. operational and maintenance manual in English</p>				
219	SUB_ITEM:Welding cable plugs (as spare parts)	Suitable for item: Arc welding machine (MMA)	set	1	N	
220	SUB_ITEM: Cable lugs (spare parts)	Suitable for item: Arc welding machine (MMA)	pc.	1	N	
221	SUB_ITEM:Welding cable (spare parts)	Suitable for item: Arc welding machine (MMA). 30m Welding cable A = 95 mm.	pc	1	N	
222	SUB_ITEM:Fully insulated electrode holder (spare parts)	Suitable for item: Arc welding machine (MMA). Up to 400A	pc.	1	N	
223	SUB_ITEM:Earth clamps (spare	Suitable for item: Arc welding machine (MMA). Up to 400A	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	parts)					
224	SUB_ITEM: Welding rod	Suitable for item: Arc welding machine (MMA). DIN EN ISO 2560-A - E 38 0 RC 11; AWS A5.1 - E6013; Ø 2.0 mm x 300 mm; unalloyed; type: rutile-cellulose; special suitability for drop seam welding; applications: steel construction, mechanical engineering, shipbuilding and vehicle construction; 1 x 12 kg-pack = 400 pcs.	pc.	3	N	
225	Oxygen/Acetylene cutting & welding kit	Shank Ø 17 mm; oxyacetylene hoses incl.; for acetylene fuel gas; complete set, consisting of: 1 x sheet metal box; 1 x Handle Alu Oxygen G3/8 "L.H. Acetylene G1/4"; 1 x welding insert Acetylene 1-2 mm; 1 x welding insert Acetylene 2-4 mm; 1 x welding insert Acetylene 4-6 mm; 1 x welding insert Acetylene 6-9 mm; 1 x cutting insert with lever valve AC+R 3-100 mm; 1 x flame cutting nozzle AC made of copper acetylene 3-10 mm; 1 x AC flame cutting nozzle made of copper acetylene 10-25 mm; 1 x flame cutting nozzle AC made of copper acetylene 25-40 mm; 1 x heating nozzle made of copper acetylene 3-100 mm; 1 x carriage 28 mm; 1 x oxyacetylene hose, assembled - Acetylene 16/9 mm, Oxygen 16/5 mm, 10 m; 1 x cylinder pressure regulator OX I 200bar DE 10bar; 1 x cylinder pressure regulator AC 25bar DE 1.5bar; 1 x template for use type GV 10 OX 1/4"; 1 x Service station template type GV 10 AC/P G3/8 "L.H.	set	1	N	
226	SUB_ITEM: Acetylene steel cylinder	Suitable for item: Oxygen/Acetylene cutting & welding kit. 50 Liter European ISO Quality Standard for safety reasons.	pc.	2	N	
227	SUB_ITEM: Oxygene steel cylinder	Suitable for item: Oxygen/Acetylene cutting & welding kit. 50 Liter European ISO Quality Standard for safety reasons.	pc.	2	N	
228	SUB_ITM: Cutting torch	Suitable for item: Oxygen/Acetylene cutting & welding kit. Three-tube cutting torch for gas mixing nozzles; suitable for nozzle types AGN, PNME, HA, HP and FGA; complete set, consisting of: 1 hand cutting	set.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		torch X 511, 2 cutting nozzles 10-25 mm, 2 cutting nozzles 25-40 mm and 1 cutting nozzle 40-60 mm.				
229	Gas welding rod	DIN EN ISO 12536 - O III; AWS A5.2 - R60; Ø 2.0 mm x 1000 mm; unalloyed; material number: 1.6215; 1 pack = 5 kg.	pc.	3	N	
230	Mobile suction and filtering device	Mobile suction and filter unit appropriate for one workplace; applications: filtration of fumes, dusts and gases; IFA certified for welding fume category W3; polluted air is extracted and led into the filter unit either by the suction arm or by other capturing elements; The particles or gases are extracted from the airflow during a filtering procedure consisting of several stages and the cleaned air returns to the working space; Application: For welding places, in workshops, for soldering applications, for restorers and in locksmith's shops; robust and solid construction; made of a stable steel sheet and coated with powder from inside and outside; filter elements are accessible via a maintenance flap; Max. volumetric flow of the fan [m ³ /h]: 2.500; Max. pressure [Pa]: 2.500; Pre-filter, Main filter, activated carbon filter; Engine performance [kW]: 1.1; Voltage [V]: 230; Power Frequency [Hz]: 50; Current consumption [A]: 7; Sound level [dB(A)]: 68; Separation efficiency [%]: ≥ 99; with 2 m arm hose.	set.	2	N	
231	SUB_ITEM: Pre-filter	Suitable for item: Mobile suction and filtering device	pc.	2	N	
232	SUB_ITEM: Particle filter	Suitable for item: Mobile suction and filtering device	pc.	2	N	
233	SUB_ITEM: Activated carbon filter	Suitable for item: Mobile suction and filtering device	pc.	2	N	
234	SUB_ITEM: Pre-filter mat	Suitable for item: Mobile suction and filtering device	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
235	MIG/MAG welder's gloves	High-quality welder's gloves of goatskin with nappa leather cuff; pack of 6 pairs each; glove size 11.	pack	6	N	
236	Welder's apron	Apron with adjustable straps system and variable waist; 2.5 cm wide strap of sailcloth; quick-release clip; EN ISO 11611; length 107 cm, width 60 cm.	pc.	6	N	
237	Welder's apron	Apron with adjustable straps system and variable waist; 2.5 cm wide strap of sailcloth; quick-release clip; EN ISO 11611; length 107 cm, width 80 cm.	pc.	6	N	
238	Welder's protective gaiters	Variable adjustment to different sizes; set of 1 pair each; height 15 cm, circumference between 33 and 43 cm; EN ISO 11611.	set	6	N	
N/A	N/A	Items 239-242 not included in this Lot.	N/A	N/A	N/A	N/A
243	Anvil	Weight 90 kg; length 570 mm, height 260 mm, forging area: 355 x 175 mm.	pc.	1	N	
244	Circular saw	Manual metal circular saws for steel, iron, light metals, solid material and profiles; Swivel range of $\pm 45^\circ$; Easy-to-read angle scale; Protected vice spindle; Massive machine base on both sides with holes for the mounting of the material stand; Long handle allows sawing without great effort with integrated push-button (on / off); Automatic switching on of the coolant pump when sawing; Functional protection device, closed construction, movable; Fast opening mechanism for optimum safety when cutting; Centrally exciting vice, 4-fold guided with individually adjustable clamping jaws; Saw blade diameter 315 mm; Cutting angle -45° to $+45^\circ$; Feed manually; Cutting capacity: 0° (round) solid material 85 mm, 0° (square) solid material 85 mm, 0° (rectangle) solid material 70x130 mm, $+45^\circ$ (round) solid material 85 mm, $+45^\circ$ (square) solid material 85, $+45^\circ$ (rectangle) solid material 70x90 mm; incl. coolant system and substructure.	pc.	1	Y	
245	Circular saw blade	Suitable for item: Circular saw. HSS; $\varnothing 315 \times 2.5$ mm; for cutting pipes / profiles with wall thickness: up to 1 mm:	pc.	3	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		aluminum / bronze / copper / brass - up to 1.5 mm: steels up to 1500 N/m2 / stainless steels - up to 2 mm: steels up to 1200 N/m2.				
246	Circular saw blade	Suitable for item: Circular saw. HSS; Ø 315 x 2.5 mm; for cutting pipes / profiles with wall thickness: up to 1.5 mm: aluminum / bronze / copper / brass - from 3 mm: steels up to 1800 N/m2; for cutting solid material (cross section): 10-20 mm: aluminum / bronze / copper / brass - 20-40 mm: steels up to 1,800 N/m2 / stainless steels.	pc.	3	N	
247	Circular saw blade	Suitable for item: Circular saw. HSS; Ø 315 x 2.5 mm; for cutting pipes / profiles with wall thickness: from 3 mm: aluminum / bronze / copper / brass; for cutting solid material (cross section): 20- 40 mm: steels up to 1800 N/m2 aluminum / bronze / copper / brass - 40-60 mm: steels up to 1200 N/m2 / stainless steels.	pc.	3	N	
248	Engineer's hammer	With wooden handle; weight 1000 g; handle length 360 mm; special tool steel; hammer head to DIN 1041.	pc.	6	N	
249	Engineer's hammer	With wooden handle; weight 2000 g; handle length 400 mm; special tool steel; hammer head to DIN 1041.	pc.	6	N	
250	Electric welder's chipping hammer	Forged hammer head, hardened and tempered; with cutting edge, chipping point and tubular steel handle; weight: 500 g.	pc.	6	N	
251	Blacksmith tongs	Length 500 mm; mouth length 100; drop forged.	pc.	6	N	
N/A	N/A	<i>Items 252-264 not included in this Lot.</i>	N/A	N/A	N/A	N/A
265	Borescope color camera with LCD Monitor	to inspect difficult access areas and cavities, to be used in range of e.g. automotive, installation, mechanical engineering, 90mm (3,5")TFT-LCD, 30 steps adjustable brightness, camera angel:54, camera diameter:5,5, power consumption 1,8 to 2,6 W	pc.	1	N	
N/A	N/A	<i>Item 266 not included in this Lot.</i>	N/A	N/A	N/A	N/A
267	Scissors vehicle lift	Scissors lift for high precision wheel alignment for surface mounting, lowering device for wheel alignment consisting	pc	1	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>of 8 single modules for locking of scissors on the loose bearing side, providing max. flexural and torsion rigidity. Load capacity 4000 kg. Height-adjustable tire contact area distance measurement system integrated into lifting cylinders ("Linear absolute measurement system"). Absolute synchronisation of runways using electronic-hydraulic synchronisation control high safety with permanent synchronisation control and immediate switch off when (one-sided) hitting an obstacle at minimum height difference LCD (2 lines) on control panel for displaying of height values (left/ right). High comfort by programmable stop point and smooth lowering into bottom position. Integrated hydraulic jack (manually operated - capacity 3 tons) to lift front axle. Operations desk with practical shelves, durable foil keyboard recess for turning plate and compensating plates, low approach height of 230 mm including equipment for wheel alignment, generous lifting height of 2100 mm, pinch point protection by acoustic signal "CE STOP". Mechanical release system preferred (no compressed air necessary - if possible!). Anti-corrosion treatment of lock seams, cavity sealing powder coating: scissors, floor-/sliding plates: anthracite grey, RAL 7016 rear slip plates with flat plates and adjustable recess for the turn tables runways, compensating plates, operational desk: blue, RAL 5010 service package, supplied with instruction and putting into action. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.</p>				
268	Precision wheel alignment, combined device for trucks and light vehicles	<p>To be operated in conjunction with the item: Scissors vehicle lift. Trace measurement up to 18 meters, short rigging time for wheel alignment, secure wireless data transmission. The main equipment components are at compact design. The PC with low temperature CPU and the A4 laser jet printer are located in an easily movable</p>	pc	1	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		trolley and are protected from dust. Holders for the 4 sensors, protected multifunctional keyboard, mouse and a 19" TFT monitor completes the mobile workplace, Powerful 20° CCD infrared cameras to trace measurements up to 18 meter, 8-fold trace encoder system for a 360-degree field of view (important for accidents), guided surveying program at different truck axle combinations, retrofitted for car use with original manufacturers test routines, maximum efficiency through selectable measurement routines, e.g. quick measure program out, random access to individual test value, data transfer to PC via radio equipment cabinet, great live measurement display with on-screen vehicle target data, truck vehicle target database with trucks and cars calibration diagrams, multimedia capability through Windows XP Home (or higher windows application) operating system, Software update via internet, equipped with ASA interface, unlimited car memories, texts appear in the programmed language, multi-quick clamp cars from 13 to 24 inch, turntables: 1000 kg load capacity for cars, rotation angle up to 360°, ± 50 mm slide area, equalization bridge truck load capacity: 5,000 kg and service package: supply, commission, test run and training of trainers required. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
269	UV kit for air condition	UV Kit AC with contrast UV lamp, 12V UV Kit AC, BB with contrast Case with: UV lamp, safety glasses, 1 can of spray multinet, 1 canister fluorescent dye leak detection age. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc	1	N	
270	Engine Analyzer	With analog display of dwell angles for 4, 6, and 8 cylinder, tachometer, voltmeter & timing light. The unit	pc	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		includes a large brilliant oscilloscope to show primary and secondary traces and supper in posed traces. Complete with all accessories and cables. Input 230V -50Hz. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
N/A	N/A	Items 271-274 not included in this Lot.	N/A	N/A	N/A	N/A
275	Digital Oscilloscope/ Multimeter	Device combination of 2-channel digital storage oscilloscope and digital multimeter. Bandwidth: DC-20MHz max. real-time measurement result: 100 MS / s per channel, USB port and USB mass storage connection, 3/8 "TFT color display, deflection coefficient: vertical: 5mV - 5V/div, horizontal: 5ns/div - 5s/Div variable strain. Input impedance: 1MΩ /20pF, trigger: standard /auto / single, power: Lithium-ion battery plug, nets part of 100 - 240AC, 50/60Hz, EI security. IEC-61010-1 CAT II. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
N/A	N/A	Item 276 not included in this Lot.	N/A	N/A	N/A	N/A
277	Wheel balancing weights, 10 packages each	trax weight zinc- steel rims 05 grams/100 pieces/package trax weight zinc- steel rims 10 grams/100 pieces/package trax weight zinc- steel rims 15 grams/100 pieces/package trax weight zinc- steel rims 20 grams/100 pieces/package trax weight zinc- steel rims 25 grams/100 pieces/package trax weight zinc- steel rims 30 grams/100 pieces/package trax weight zinc- steel rims 35 grams/50 pieces/package trax weight zinc- steel rims 40 grams/50 pieces/package trax weight zinc- steel rims 45 grams/50 pieces/package trax weight zinc- alloy rims 05 grams/100 pieces/package trax weight zinc- alloy rims 10 grams/100 pieces/package trax weight zinc- alloy rims 15 grams/100 pieces/package trax weight zinc- alloy rims 20 grams/100 pieces/package	pck	1	N	
N/A	N/A	Items 278-280 not included in this Lot.	N/A	N/A	N/A	N/A

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
281	Brass-bristled brush	For cleaning of buffed surfaces and removal of buffing dust in conjunction with a vacuum cleaner. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
282	Engine assembly stand	Swivelling, 360° turnable, to mount vehicle engines, infinitely variable within hole circle 150 - 430 mm, lockable wheels, weight 250kg Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
283	Universal diagnostic OBD II scan tool (English version)	Reliable vehicle identification; complete ECU diagnosis; instant test sequence with easy-to- understand guidance; full test depth and comprehensive diagnosis functions; high market coverage (german cars, asian market cars); always up-to-date with regular software updates via internet. Licence included! Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
N/A	N/A	<i>Item 284 not included in this Lot.</i>	N/A	N/A	N/A	N/A
285	Check lamp	With LED display and integrated lighting, especially for workshops (motorcycles, passenger cars, commercial vehicles, boats), 12 – 24 V, cable length 6 m with integrated lighting, circuit proof 7.5 A. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
N/A	N/A	<i>Item 286 not included in this Lot.</i>	N/A	N/A	N/A	N/A
287	Garage creeper	With 6 castor rolls, LxWxH: 950x440x80mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
288	Low lift trolley	Manually operated hydraulic low lift pallet trolley, hand	pc.	2		

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	(pallet truck)	controlled. Required specification: Capacity: 2.5 tons (2500kg) , minimum height: 80mm, maximum height: 200mm, fork length/width: 1220/685mm; fork spread: 365mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
N/A	N/A	<i>Item 289 not included in this Lot.</i>	N/A	N/A	N/A	N/A
290	Mobile oil drainer	Expert quality gravity feed oil drainers. Used oil is discharged from the drainer by air pressure. Fitted with safety valve, 18 L steel telescopic collection pan, oil reservoir indicator and small working tray. Heavy duty castor for easy maneuverability around the workshop with chrome plated pull along handle. Required specification: Maximum capacity: 65 liters, maximum height: 1510mm, discharge hose: 2m x 25.4mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
N/A	N/A	<i>Items 291-292 not included in this Lot.</i>	N/A	N/A	N/A	N/A
293	Manually operated gear oil delivery unit	Heavy duty oil dispenser for all grade of oil. Rotationally molded, medium density polyethylene container Required specification: Capacity: 17 liters, Nozzle storage/drip holster: 0.4lts./stroke, Delivery hose length: 3 meter. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
N/A	N/A	<i>Items 294-296 not included in this Lot.</i>	N/A	N/A	N/A	N/A
297	Growler tester	For testing armatures of alternators, starter motors, etc. fitted with ammeter, 0 to 10 A, diameter of armature 25-200mm, Input 230V, 50 Hz. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
298	Pneumatic brake & clutch bleeder kit	VS0204 Brake & clutch maintenance unit, pressure operated, suitable for clutch and power steering systems, for one-man brake bleeding. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
299	High pressure cleaner	Three piston axial pump with ceramic coated pistons, outside fillable tanks for cleaning agent, calcification protection and fuel. Easy press trigger gun with soft grip and servo press rotating stainless steel spray lance (1050mm), anti twist system. 3 Phase, 50Hz, Flow: 450-900 l/h, Pressure: 30-180 bar, Temp. max.: 80° C. Scope of delivery: 10 ltr. water softener. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
N/A	N/A	<i>Items 300-302 not included in this Lot.</i>	N/A	N/A	N/A	N/A
303	Air compressor mobile	Air compressor, wheeled 2-cylinder piston compressor with oil lubrication Specifications: Connection / frequency: 230 V ~ 50 Hz, protection class: IP 20, maximum engine power: 2.2% kW/P1/S3/60, tank capacity: 50 liters, max suction capacity: 320 l / min, power output: 250 l / min, max pressure: 10 bar, cylinders: 2, Cable: H07RN-F 1.8 m, weight: 48 kg, dimensions: LxWxH: 870 x 370 x 780 mm, water separator, service unit 1/2 " consisting of filters, regulators, lubricators, complete with pressure gauge, work pressure adjustable, 0-10 bar, with drain valve, thread 1/2 ". Air connector according to EN ISO 4414. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	Y	
304	Hydraulic floor jack	Hydraulic trolley jack: 2 ton, foot descent-control,	pc.	3	Y	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		maximum width: 325mm, weight: 52kg. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
305	Hydraulic floor jack for trucks	Air pressure measurement with hose. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	Y	
N/A	N/A	<i>Items 306-307 not included in this Lot.</i>	N/A	N/A	N/A	N/A
308	Battery charger	Fully automatic with temperature sensor compensation and continuous adjustment of unsupervised charging. Maintains battery in a 100% fully charged state. Features include LED charging status display, ± polarity inversion protection audible polarity protection and thermal overload safety protection. Insulated copper leads and battery clips. Suitable for conventional lead acid, maintenance - free and gel filled batteries. Specification: Charging output 12V, Input-single phase 230V AC, average charging current EN60335: 4A, effective charging current (12V) 6A, dimensions 184 x 112 x 86mm, weight 2.1kg. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
309	Tachometer	Laser tachometer: battery-powered multi-functional handheld device to speed, can perform pulse counting, summation, and time measurements, with class 2M laser sensor range: up to 200,000 rpm. The pulse is sensed by a corresponding reflective tape. An internal memory allows the detection of the maximum and minimum value of the speed. With the summing e.g. a quantity or number of revolutions of a shaft to be measured. An input connector provides the trigger pulse and detection via an	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		external sensor with TTL signal. For contact measurement, there is an adapter with standard probes. Via an output socket to the detected pulses can. Features: Class 2M laser tachometer with 8 m range, timer, counter and tachometer in one device, signal input for external sensors, easy programming at the device via front keys, ergonomic and rugged plastic housing, with plug and contact tachometer applications. Scope of supply: Tachometer reflective tape batteries, contact module, plastic case, probes, measuring wheel, measuring cone. speed range: 0.5 rpm to 20000 rpm, temperature range +5 to +40 ° C, measuring distance of 5 cm to 8 m, optical speed accuracy: + / -0.01% of reading, contact: + / -0.05% of reading, power supply 2 AA batteries (AA), resolution: 0.001 rpm speed. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
310	Battery service tool kit	12 pieces in steel box. Content: Open ended spanner, waterpump plier, terminal puller, terminal brush, battery testing unit, battery acid tester, battery plastic bottles, cable knife, battery acid filler, screw driver, combination plier. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
311	Soldering kit	Soldering Kit: 230 Volt, Comprising 30W soldering iron, 100W soldering gun both with 1.2M (approx.) cable and approved plug, soldering tip, tube of solder, flux, solder sucker, tweezers, wireholder/ pointer and workpiece clamp/ magnifier. Packed in blow mould case with display sleeve. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
312	Automotive test	Assorted cables with different adapters for testing	pc.	6	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	cable box	Content: 2 Pairs of Silicone Insulated Test Leads 1 Pair of Couplers, used in connecting a pair of test leads thus getting a far greater reach 1 Pair of Full Insulated Crocodile Clips 1 Pair of Cable Piercers 1 Pair of Bed of Nails Clips 1 Pair of Back Probing Probes 1 In Line Fused LinkIn hard case with cell foam. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
313	Unlatching tools	Classic car tools, Universal set range with the 8 most common unlatching tools. Contents: 1 piece unlocking tool for LKS 1.5-95945353; 1 piece unlocking Maxi Power Timer - 1 pc unlocking JPT 95,945,389 - 95,945,371; 1 piece unlocking Microtimer 2-95945373; 1 piece unlocking microtimer 1-95945378; 1 piece unlocking G+H receptacles - 95945395; 1 piece unlocking Tyco 1.5-95945412; 1 piece unlocking Tyco 3.5-95945413; in plastic case (Size: 280 x 230 x 80 mm). Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
314	Digital multimeter	Universal precision lab multimeter and temperature meter with IR interface for high-quality, universal measurement and testing in educational settings, power plants, process control installations etc. 33/4-digit multimeter; resolution: $\pm 3,100$ digits Measurement classification CATII-1000V Can be connected to UniTrain-I system via IR interface. Voltage and current measuring ranges: 30mV-1000V DC, 3V-1000V AC; 3mA-16A DC; 30mA-10A AC. Resistance ranges: 30ohm-30Mohm. Special functions: °C for temperature measurements using, PT100/1000 thermocouple, continuity and diode testing, automatic range selection and battery shut-off, min./max. and data	pc.	6	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		hold function. Safety fuse for current measurement range up to 300mA. Protection against high currents in the mA range for nominal voltage of 1000V. Display with bar chart and backlighting Includes protective sleeve, measuring leads, 1 x spare fuse, 9V battery, calibration certificate. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
315	Tire inflating gauge	Tyre inflating gauge, pressure gauge with rubber protective cap. Pitch 1/10, 40 cm pressure hose, body made of plastic, measuring range 0 - 12 bar, manometer diameter: 63mm. Air connector according to EN ISO 4414. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
316	ISO thread repair set	ISO thread repair set; M 5 – M 12, stainless steel A2, 230 parts Contents: HELICOIL® plus thread inserts of various types and lengths; Twist drills; HELICOIL® hand tap HSS; HELICOIL® plus installation mandrel, tang break-off tool. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
317	Digital meter with rpm gauge	13 function control, with large easy to read LCD display, palm size, with hook- up leads, measures: tach < 20000 rpm , Dwell (cy.0-900) (6 cY 0-600) (5 cy 0-720) (9 cy 0-450), Voltage Dc: 20, 200v, Amperage:10, 100A, Resistance: 200, 20k, 200kΩ. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
318	Hydrometer	Battery fluid tester, tests 6, 12 & 24V batteries, glass tube construction with thermometer for temperature calibration. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which	pc.	5	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		DIN/ISO/IEC standards the offered item complies.				
319	Coolant-mix tester	For testing the anti-freezing liquid concentration in the vehicle's cooling system and for testing the battery acid concentration 10 g/l (state of battery charging). Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
320	Brake-fluid tester	User guidance in 7 languages on the display: D, GB, F, E, NL, P, TR, portable (for everywhere use), to be connected to battery, replaces a stationary installation, boiling point tester – higher testing accuracy in comparison to other testing methods, easy application – in most vehicles, brake fluid remains in its fluid reservoir, time saving – the test can be carried out directly in the fluid reservoir, security for the user – no fluid loss (environmentally sound), approved by vehicle manufacturers, for DOT 3, DOT 4, DOT 5.1 brake fluid, measuring temperature up to 320° C (608° F), operating voltage 12 V. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
321	Battery high discharge tester	Suitable for 6V & 12V batteries up to 120Ah. Discharges batteries at 235 Amp at 8V, adjustable legs to fit all sizes of batteries, with fixed voltmeter, shock loads 50-400A. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
322	Ball valve-1/2 inch	With straight bore, for installation on the main airline to obtain air outlets. In and outlet thread 1/2 inch. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
323	Inspection lamp	220V, 8W, standard fluorescent tube, double insulated with shock proof protection glass. Complete with hook, switch and oil resistant cable length 6m. Compliance with	pc.	5	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
324	Spare tubes for inspection lamp	Suitable for item: Inspection lamp. 8W, fluorescent tube. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
N/A	N/A	<i>Items 325-326 not included in this Lot.</i>	N/A	N/A	N/A	N/A
327	Vacuum cleaner	For wet and dry stuff, 60l container, 1600W/230V, industrial stainless steel drum with tough composite base and head, supplied with 3.5mtr EVA crush resistant hose, combo nozzle, crevice tool, 380mm squeegee, vac brush, accessory tool tidy, stainless steel rigid tubes, cartridge filter and foam filter. Tank has easy empty drain cap	pc.	1	N	
328	Coil spring compressor	Hydraulic hand pump unit powers 1000kg capacity, ram and yoke assembly. Up to 50% quicker than using other ratchet driven spring compressors. Equipped with two pairs of spring yokes with plasticized covers to prevent slippage and damage to springs. Suitable for springs from 80mm ID to 165mm OD. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
329	V – block	Set of 2, cast iron, close grained, accurately ground in pairs: 900. Angle of v-groove, approx. Size: 40 x 75 x100mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies	pc.	1	N	
330	Angle grinder Ø 125 mm	1450 watt. Single Phase motor: 6,3 A, robust long lasting marathon motor, electronic soft start, overload protection, winding protection grid, restart protection, highly durable switch-off carbon brush with dust protection housing. Grinding wheel Ø 125 mm, wire cup brush: 3-1/2", torque 3,3 Nm, idle revolution 7.000 - 10.500 /min, rated input	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		power 1.450 W, output power 830 W, revolutions at rated load 10.500 /min, spindle thread M 14, weight (without power cable) 1,9 kg, delivered in case. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
331	Spare grinding disc for angle grinder Ø 125 mm	125x6 mm, Center hole: 22,2 mm. RPM max: 12200. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	15	N	
332	Spare cutting disc for angle grinder Ø 125 mm	125x1,9 mm. Center hole: 22,2 mm. RPM max.: 12200. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	15	N	
333	Angle grinder Ø 180 mm	Bosch or equivalent, 2200 Watt, 8500-1, manufactured according to European ISO Quality Standard. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
334	Spare grinding discs for angle grinder Ø 180 mm	180x8mm, Center hole: 22,2 mm. RPM max: 8600. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	15	N	
335	Spare cutting discs for angle grinder Ø 180 mm	180x3mm. Center hole: 22,5 mm. RPM max: 1600. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	50	N	
336	Two speed hand held power drilling machine (Ø 1-13mm) with chuck	Bosch or equivalent, 2 gears, 850 Watt, manufactured according to European ISO Quality Standard. Fitted with electric plugs according to the Schuko-System CEE 7/4. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which	pc.	15	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		DIN/ISO/IEC standards the offered item complies.				
337	Fuel supply pump tester	To control the fuel pump. There are three possibilities of testing: pressure, vacuum and fuel passage. Delivery includes: 1 high quality compound gauge with solid rubber shroud, 2 hoses: 3 m (10 ft.) long, 1 adapter: M12 x 1.5 female, 1 adapter: M12x1.5 male, measuring range -1...+ 3 bar. Supplied in cardboard box. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
338	Dial type bore gauge	Internal precision measuring instrument: contact pins carbide, in wooden case, with dial gauge, measuring range: 18-160 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
339	Digital thermometer	Digital-Thermometer with 3 1/2 digit, tripple display works with K-type thermocouples and offer 0.1° resolution, and is destined for a wide range of applications, like air-conditioning, food processing and storage, chemical and industry laboratories. K-type thermometer with single input temperature range: -200 ... +1372°C, measurement of the differential temperature to the absolute zero-point in Kelvin relative time clock on MAX, MIN and AVG provides a time reference for major events, electronic offset function allows compensation of thermocouple errors to maximize overall accuracy. Readout in °C, °F, or Kelvin (K) / auto power off mode, accessories: carrying case, bead probe, universal temperature probe, batteries and manual. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	11	N	
340	Recording compression tester	Measuring range: 3.5 -17.5 / 10 - 40 bar, with quick-connect coupling for petrol and diesel engines with pressure hose, 3 extensions, elbow, adapter, 3 rubber	pc.	3	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		cones, recording charges petrol / diesel in case. including 5 packs of recording charts. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
<i>N/A</i>	<i>N/A</i>	<i>Item 342 not included in this Lot.</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
342	Feeler gauge steel strip blades	In metal case, measuring range: 0.05 - 1.00 mm, blade length 100mm, 13 blades. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
343	Thread gauge (pitch gauge)	Made of steel, with precision milled teeth, with clamping screws for holding the blades, used for measuring the pitch of external and internal threads, gauge for metric and pipe threads, pitches: 0.25 -6.00 mm/ 11- 28 W, number of blades: 32 pieces. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
344	Vernier caliper for brake disc	High quality hardened and tempered stainless steel caliper, Metric and imperial scale graduation for measuring wear and tear on brake discs. Supplied in PVC wallet required. Specifications: reading accuracy 0.02mm, Range: 0-150mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
345	Magnetic dial gauge stand	Sturdy and robust construction, magnetic base with prism support (e.g. for shafts), On / Off switch for magnetic force, dial gauge holder for 4.5 mm and 8 mm shaft, suitable for mechanical and digital dial gauges (dial gauge is not included in delivery), horizontal rod for fine adjustment and articulation. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered	pc.	5	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		item complies.				
346	Mechanical dial gauge	Scale graduation: 0.01 mm, measuring range: 8 mm, 1 needle rotation: 1 mm, rotary and lockable scale, target area can be limited by two needles, clamping shaft: x 8 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
347	Adapter for distributor injection pumps	For the installation of a dial indicator gauge to adjust distributor injection pumps. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	3	N	
348	Universal belt tension gauge	For checking v-belt tension or deflection to insure maximum belt and bearing life, scale range: 30-180 in/lbs. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	3	N	
N/A	N/A	<i>Items 349-350 not included in this Lot.</i>	N/A	N/A	N/A	N/A
351	Torque setting angular gauge	Designed to be used between 1/2" square drive torque wrench and socket to accurately set the degrees of turn required by certain application. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
352	Puller tool set	Puller Set consisting of 9 set of hooks. Set for all current clamping widths and depths. (100- 250mm). Safe tool storage and clear arrangement in plastic case. 12 parts, contents: 1 spindle, 1 pc. 2-arm and 1 pc. 3 -arm cross piece, 3 puller hooks of each length: 100, 200, 250 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies	pc.	2	N	
353	Straight edge	Special steel, rectangular cross section, DIN 874/0, 50 x	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		10 mm, length: 500 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
358	Multipurpose drain plug wrench.	Nine different tapered sizes for the removal of female drain plugs fitted in many automotive applications. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies	pc.	2	N	
359	Cylinder ridge reamer	For removing ridges from work cylinder bores, expanding type with carbide cutter blades an hexagonal drive for socket wrench. Requirement: diameter 79-125mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
360	Diesel injector nozzle puller kit	Perfect for fast, safe removal or Bosch, Delphi, Denso and Siemens diesel injectors. Ball joint allows hammer to be used in confined spaces. Kit includes keys and deep open profile sockets - perfect for dismantling injectors. Makes light work of seized common-rail diesel injectors quickly and safely. Supplied in blow-moulded carry case for easy storage and portability. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
361	Double flaring tool set	For brake lines, coolant lines, hydraulic and pneumatic pipes, complete with tubing cutter. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
362	Brake pipe bending kit	Bends up to 180°, for pipes from 3-10mm Ø, for shaping precision steel pipes, as well as stainless steel pipes with wall thickness from 1.0-1.2mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		the offered item complies.				
363	Scraper and remover set	Suitable for a variety of applications including removing cotter, radiator hoses flaking paint and gaskets. Blades hardened and tempered carbon steel the set contains 5 pcs.	pc.	2	N	
364	Hose clamp removal tool kit	All hose clip tools (7 pcs.) in one case. Comprehensive set features: heavy duty construction with ratchet locking mechanism on most pliers. Vinyl dipped handles give additional comfort. Contains: 1 remote action hose clip tool, 1 swiveled jaw spring wire clamp plier, 1 swivel jaw band clamp pliers, 1 angled band clamp pliers, 1 flat band clamp pliers, 1 clic-R type pliers and 1 hose removal pliers. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
365	Vacuum and pressure pump	Aluminium version, reversible from vacuum to pressure measures. For the use in various fields on the automotive testing sector. One had operated, all metal version. High quality compound gauge with robust protective rubber cap, dual precision scale, minus-range -1...0 bar, plus-range from 0...+3 bar/42 psi, graduation 0.05 bar. With bilateral conical brass adapter and 4 connecting adapters made out of plastic. HV 90 including 120 ml collecting tank HVZ 02. Supplied in robust plastic case. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
366	Impact wrench kit 1/2", 16 pcs.	Includes: impact wrench, nipples, elongation, impact sockets SW 9, 10, 11, 13, 14, 17, 19, 22, 24, 27, in a sturdy plastic carrying case, impact wrench housing made of die-cast with all- round edge protection for hard use, 4 blow-level adjustable torque, oil bottle, allen wrench, including mini-lubricator (the mini-mist lubricator supplies the unit automatically with compressed air oil). Specifications: Connection thread: 1/4", operating	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		pressure: 6 bar, air consumption: 320-530 l / min Idle speed: 8000 r / min, drive square: 1/2". Air connector according to EN ISO 4414. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
367	Air blow gun	Die-cast-metal body with moulded handle and hanging point, fitted with short type nozzle for bench top use, supplied with quick-release coupling, maximum operating pressure: 7.5 bar / 110psi. Air connector according to EN ISO 4414. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
368	Spark plug socket box set	Spark plug socket set: 14, 16, 20.8 mm, Sockets forged from chrome vanadium steel hardened, tempered, chrome plated and polished for corrosion protection. Fitted with rubber insert for spark plug insulator protection and retention. 14 mm 1/2 Square Drive, 16 mm 1/2 Square Drive, 20.8 mm 1/2 Square Drive. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
369	Spark plug socket wrench	For 16 mm (5/8") spark plugs, with ball joint, with fixing clamp for a firm hold of the spark plug, j drive 10 = 3/8", Chrome-Vanadium, surface: chrome-plated. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
370	Spark plug socket wrench	For spark plugs with 20.8 / 13/16" wrench size, with rubber ply, adjustable in length from 137.5 mm to 157.5 and 197.5 mm, j drive 10 = 3/8", special steel, surface: chrome-plated. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
371	Toolset Trolley	Toolset Trolley Working platform in ABS with 3 compartments for small parts, with handle for easy pushing, pulling and turning wide drawers (W 640 x D 400 mm). Drawers fully extendable, removable Single-hand operation with safety locking which prevents the drawers from opening when in motion, Ball bearings Load capacity per drawer 40 kg, bottom heavy- duty drawer 60 kg. Drawers individually partitionable, Bottom drawer designed as heavy-duty drawer Central locking with cylinder lock Heel protection and all-round impact protection heavy-duty chassis with high-performance wheels on roller bearings, with 2 fixed castors Ø 200 mm and 2 swivel castors Ø 125 mm, one with total brake Total load capacity 500 kg Toolset for Maintenance of Lorries, 158 pcs Tools suitable for cars all brands with metric and Torx screws Tools supplied in toolmodules to be stored in the trolley. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	5	N	
372	Crimping pliers set	With quick-change system (locking pins allow fast and easy changing of the pliers' head), with change head for cross sections, 0.35-1.5 mm ² complete, basic tool included, 1st profile: 0.35 – 0.5 mm ² / 2nd profile: 1.5 mm ² / 3rd profile: 0.5 – 1.0 mm ² , conductor crimp = B-crimp / insulation crimp = O-crimp. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
373	Set of oil filter wrenches	For most common sizes of oil filters fitted to a variety of European car market. Comprises 11 different diameter sockets, 1/2" (F) x 3/8" (M) adaptor and a 3/8" sq. dr. three leg oil filter wrench, in blow mould case with display sleeve. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		DIN/ISO/IEC standards the offered item complies.				
374	Reducer 1" to 3/4"	According to DIN 3123, ISO 3316, for hand-operated sockets with square drive as per DIN 3120, ISO 1174, with locking pin, vanadium steel 31CrV3, chrome-plated. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
375	Socket wrench set	Socket set 1/2" : 26 pcs., reversible ratchet, speed brace, sliding T-bar, extensions 125 and 250 mm, universal joint, hexagon sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm, DIN ISO 1711-1. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
376	Set of piston ring compressors	Quality construction with sprung steel wraps and ratchet action tension mechanism. Supplied with steel application wrench. Required capacity: 50-175mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
N/A	N/A	<i>Items 377-379 not included in this Lot.</i>	N/A	N/A	N/A	N/A
380	Allen hexagonal wrench set	Allen head wrench set, 8 pieces Chrome Vanadium, with ball tip on long side; 1.5, 2, 2.5, 3, 4, 5, 6, 8 mm; size: 1.5 - 8 mm. DIN / ISO 911 / 2936. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
381	Torque wrench (adjustable type)	For clockwise tightening, with reversible or push through ratchet, scale for Nm and ft.lb., preset value can be seen in display and locket at grip end, with noticeably and audibly ("click") mechanism, accuracy: + 4% of preset value, with 2 component slip resistant grip, DIN/ISO 6789, drive 3/8", setting range: 8-60 Nm, length: 300 mm. Compliance with relevant DIN/ISO/IEC standards is	pc.	6	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
382	Torque wrench (adjustable type)	For clockwise tightening, with reversible or push through ratchtet, scale for Nm and ft.lb., preset value can be seen in display and locket at grip end, with noticeably and audibly ("click") mechanism, accuracy: + 4% of preset value, with 2 component slip resistant grip, DIN/ISO 6789, drive 1/2", setting range: 40-200 Nm, length: 553 mm . Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	3	N	
383	Torque wrench (adjustable type)	For clockwise tightening, with reversible or push through ratchtet, scale for Nm an ft.lb., preset value can be seen in display and locket at grip end, with noticeably and audibly ("click") mechanism, accuracy: + 4% of preset value, with 2 component slip resistant grip, DIN/ISO 6789, drive 3/4", setting range: 110-550 Nm, length: 812 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
384	Cable cutter	Cable shear, head polished, VDE insulated handles up to 1000V, length: 230mm, for cable diameter = 16 mm, 50 mm2. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	3	N	
385	Center punch	HSS quality, size approx.120x10 mm, DIN / ISO 7250. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
386	Set of vice grip pliers	Constructed of high-grade heat-treated alloy steel for durability. Classic trigger release designed to provide maximum locking force. Hardened teeth are designed to grip from any angle. Set includes 6" and 11" Original Locking Clamps, 10" and 7" straight jaw, 10" and 7" curved jaw, 7" and 5" curved jaw with wire cutter, 6" and	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		9" long nose with wire cutter Original Locking Pliers, and tray. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
387	Automatic wire strippers	Suitable for fast and clean removal of insulation with automatic clamping action, when handles are squeezed. With wire measurement, TPR handle, wire stripping range: 0.3 - 1.20 mm diameter. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
388	JJ.Tip locking grip	Manufactured with round contours for smooth, secure handling. Grips features linear jaw action which applies pressure perpendicular to the work piece for secure clamping. Compact size with push-button jaw release is ideal for work in confined spaces. Thumb release action allows one handed operation. Suitable for wide variety of applications including welding, gluing and riveting. Specification: Length: 195 mm, jaw capacity: 0- 10 mm, jaw width: 57 mm, throat depth: 36 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
389	Internal and external circlip pliers set	Set of (4 pcs.) circlip pliers, spring loaded jaws manufactured from hardened and tempered steel, fully polished and fitted with non- slip payload grip. Straight jaws: one for internal and one for external, bent jaws:- one for internal and one for external. Required specification: Bent- External. Tip Ø 1.8mm Capacity 19-60mm Straight External. Tip Ø 1.8mm Capacity 19-60mm Bent- Internal. Tip Ø 1.8mm Capacity 19-60mm Straight Internal. Tip Ø 1.8mm Capacity 19-60mm Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		DIN/ISO/IEC standards the offered item complies.				
390	Bench brush	Black fiber or nylon bristle. Length: 300mm wood or plastic handles. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
391	Triple leg gear puller	Drop forged, high carbon steel reversible legs and body. Heat treated and chrome plated resists corrosion. Swivel trust plates on larger size prevent damage to shaft ends. Hexagon head forcing screws suitable for use with ratchet wrench or combination spanner. Contents: 75,100,150 and 200mm legs. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
392	Deep offset ring wrench	Chrome vanadium steel wrenches with offset wall drive rings. Hardened tempered and nickel chrome plated for corrosion resistance, fully polished. Supplied in storage case with carry handle, contains 8 pcs. (6 x 7-20 x 22) mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
393	Magnetic pick up	Pick-up tool, magnetic to lift small parts in awkward areas with flexible shaft, length: 440 mm, tractive force: 220g. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	6	N	
394	Pulley Locking Tool	Suitable for locking V- belt pulleys as found on water pumps and alternators. Used in conjunction with a spanner or ratchet. Overall Length: 370mm, Strap Length: 800mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
395	Piston ring groove cleaner	Fast and reliable removal of carbon glaze deposits from piston ring grooves, suitable for pistons between diameters 51 mm to 127mm, supplied with three 6 bladed	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		cutters of 1.2, 1.5, 1.8, 2.8, 5, 5.5mm. covering most popular piston groove size. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
396	Body and fender Tool set	12 pcs., in metal case.Content: Plansihing hammer, fender bumping hammer, double bumping hammer, dome dolly, heel dolly, diablo dolly, round anvil, wedge dolly, adjustable file holder (without file), file blade, bending iron with leather insert, soft faced hammer 35 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
397	Clutch plate aligning tool	Content: 1 guiding spike, 11 bushes: 12 - 22 mm, 3 Cones 25, 30 and 40 mm, in sheet steel case. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
398	Exhaust pipe cutter	For cutting pipes up to 75mm Ø and up to 2.5 mm wall thickness as well as for pipes made from stainless steel, copper and PVC, excellent for removal exhaust pipes. Nickel plated. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
399	Brake caliper piston retraction tool	To reset pistons on disc brakes, suitable for all piston sizes. Nickel plated. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
400	Precision spring balance	For the use in industries, laboratories, schools, etc., with ring and hook, weighing range 0,1 - 20 kg, scale dividing 200g. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
401	Bi-metal thermometer	Universal type, 0-200°C, gauge DN 100 mm, length of shaft 100 mm, thread 1/2". Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
402	Thread restoring file	Thread files milled, fine polished. For reworking damaged internal and external threads, with 8 leads 0.8 - 3 mm, for metric threads. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	1	N	
403	Brake spring pliers	Chrome plated for brake shoe springs, length: 240mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
404	Punches gasket cutter set	Punches gasket cutter set: stored in rugged metal case. Consisting of 21 diameters: Ø 3 to 40 mm, threaded tubes: Ø 3-4-6-8-10 mm, smooth tube: 12-14-16-18-20-22-24-26-28-30-32- 34-36-38-40 mm. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
405	Ball joint extractor set	Ball joint extractor set for deep-groove ball bearings consisting of 3 extractors (size 1-3). Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
406	Torx bit set	In a pouch with 89 mm-long bits (18 pcs). Kraftform holder with Rapidaptor quick-release chuck. Rapidaptor quick-release chuck allows rapid bit change. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
407	Pinion flange holding tool	Standard and complete. Supplied in carry box. Compliance with relevant DIN/ISO/IEC standards is	pc.	2	N	

Technical Specifications		Lot 1: Technical Automotive Equipment and related accessories				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.				
408	Valve clearance adjusting tool	For shim adjustment on Toyota engine 3L-166/106. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	N	
N/A	N/A	<i>Items 409-444 not included in this Lot.</i>	N/A	N/A	N/A	N/A
445	Fire extinguisher	Hand operated type, capacity: 9kg, filled with multipurpose powder to extinguish fires of fibrous materials, flammable liquids and electric equipment, with wall bracket. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	4	Y	
446	First Aid kit	Workshop first aid kit equipped with standard first aid material and suitable for use where-up 25 trainees. Compliance with relevant DIN/ISO/IEC standards is mandatory and all bidders must indicate with which DIN/ISO/IEC standards the offered item complies.	pc.	2	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
N/A	N/A	Items 1-409 not included in this Lot.	N/A	N/A	N/A	N/A
410	Diagnosis and Management of a High Voltage Battery Training System	<p>Includes at least the following items with the following minimum characteristics: 1x training system with integrated USB measurement interface including: Mains power switch, Emergency-stop safety switch, Ignition switch, 2-mm and 4-mm safety measurement sockets, 46 fault simulation options, Rotating drive gear, Control unit BMS 1, Control unit BMS 2 and Central control unit for BMS1 and BMS2, Pre-charging and main relay with self-diagnostic function, 16 battery modules, interchangeable, digitally encoded, including fault simulation circuits, Active battery cooling, 8 battery-temperature sensors, interchangeable, Pilot line with diagnostics function, Hall-effect current sensor for non-contact measurement of the charging and discharging processes, Real battery cell balancing, Selectable driving profile (Incline, Level, Coasting, Gradients with recuperation, Electrical braking with recuperation), Visualised display of selected driving profile, Low-voltage service disconnect, High-voltage service disconnect, HV protection for emergency services, Combination instruments with Power meter – power display, Speed indicator, Battery charge indicator, HV-ready and EPC warning light, Charging station control light, Warning</p>	pc	1	Y	<p>[Manufacturer/Brand] [Model] [Offered specifications]²</p>

² Bidder's shall provide a clause-by-clause commentary on the Purchaser's Specifications, demonstrating the Goods' and Services' responsiveness to those Specifications or a statement of deviations and exceptions to the provisions of the Purchaser's Specifications. General replies to the Purchaser's Specifications, such as "acceptable", "comply", "yes", etc., or simply copying the Purchaser's specifications word-by-word, will be treated without exception as non-responsive during the technical evaluation; bidders are also requested to strictly refrain from self-classification of their replies to the Purchaser's Specifications (such as "acceptable", "better", "compliant", etc.); any statement made by the Bidder's must be verifiable in the provided catalogues/leaflets ("custom-made" catalogues/leaflets, i.e. literature specifically manufactured for this tender, and only consisting of a picture and some text, and generally appearing unprofessional, will not be accepted).

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>light for power limitation, Bidirectional power flow indicator between drive gear and HV battery, Type 1 charging plug for AC charging, CCS-type 2 rapid charging plug for DC and AC charging, Charge buttons for controlling charge initiation, Power flow visualisation from the charging plug to the HV battery, Contact protection guards for battery cell terminals, Digitally networked CAN-bus battery management system with measurement interface, Test sockets for: temperature sensors, CAN-bus, HV, battery module 1, battery module 2, 12V, Terminals for measuring equipotential bonding and Terminal designations according to DIN 72552</p> <p>training system features the following Digital measuring instruments:</p> <p>Digitally networked measurement capacity (WLAN-capable or tethered), 4-channel oscilloscope, Voltmeter, Ammeter, Double voltage meter, Power meter</p> <p>1x Interactive multimedia courses</p> <p>Interactive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions</p> <p>All accessories necessary for proper operation must be provided, with at least the following:</p> <p>Set of safety measurement leads, Standard Group Lock Box for Lockout/Tagout (with 1 Padlock), Fiber Pole for High Voltage Systems, Extended safety equipment for diagnostics on HV vehicles, Charging Station for PEV and PHEV, Sideways training panel frame extension, Type 2 - Charging Cable for HV Vehicles/CarTrain, AVL Ditest HV Safety 2000, Mobile experiment stand 1070x1350x700mm</p>				

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		with Monitor holder for flat screen Protection cover, Standard branded PC with 24" Flat Screen, Windows 10, UPS 3x hard plastic toning chair, ergonomic seat, stackable				
411	Air Conditioning and Electric Drive for High Voltage Vehicles Training System	<p>Includes at least the following items with the following minimum characteristics:1x training system with integrated USB measurment interface including:High-voltage battery compartment with built-in power supply for high-voltage air-conditioning compressor, High-voltage air-conditioning compressor, Service maintenance plug, Pilot contact, Coaxial air-conditioning cable (of suitable length), High-pressure air-conditioning pipe (of suitable length) with service connection, Low-pressure air-conditioning pipe (of suitable length) with service connection, Condenser with drier, Fan for condenser, Control unit for condenser fan, Evaporator, Air piping, Evaporator fan, Expansion valve, Control electronics for controlling electrical components via USB computer connection, Temperature sensor for air inlet temperature, Temperature sensor for air outlet temperature, Temperature sensor for condenser temperature, Condensation collecting trayTraining system features the following digital measuring instruments:Digitally networked measurement capacity (WLAN-capable or tethered), 4-channel oscilloscope, Voltmeter, Ammeter, Double voltage meter, Power meterTraining system features the following power supplies:3-phase converter for selecting type of modulations for output voltage via the power electronics and for controlling the drive motor, Analog function generator for sine waves, triangular waves, square waves, logic levels, positive DC voltage and negative DC voltage, Internal pulse generator1x Interactive multimedia coursesInteractive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the</p>	pc	1	Y	“ “ “

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions All accessories necessary for proper operation must be provided, with at least the following: Set of safety measurement leads, Composite Insulating Gloves, Class0, Extended safety equipment for diagnostics on HV vehicles, Standard Group Lock Box for Lockout/Tagout (with 1 Padlock), A/C Service Unit for R134a and R1234yf, Monitor holder for flat screen, Protection cover for experiment trolleys, Standard branded PC with 24" Flat Screen, Windows 10, UPS3x hard plastic toning chair, ergonomic seat, stackable				
412	Three-phase Generator with Hybrid Controller Training System	<p>Includes at least the following DIN A4 modules with the following characteristics:</p> <p>12V three-phase generator with module for rectification, Field winding in delta connection Hybrid regulator with encapsulated housing and integral circuits, separate construction 1.5 kW drive unit for alternator with rev counter and engine management (Regulation of idling speed on starting, Continuous speed regulation, Controllable via separate ignition lock, Digital display of revs, Drive motor connected directly to controller via compact plugs, Thermal monitoring of motor) Ignition starter motor switch with fuses, The auxiliary lamp can be used as a fog lamp, searchlight or for other auxiliary lighting purposes. USB-Interface between PC and experiment hardware, Parallel measurement of two voltages and one current, Three-channel oscilloscope (U<250V=/~; I<15A=/~)</p> <p>Includes at least the following items with the following minimum characteristics:</p> <p>1x Interactive multimedia courses Interactive experiment setups with animation, Measured</p>	pc	1	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions</p> <p>All accessories necessary for proper operation must be provided, with at least the following: Adapter BNC/4 mm safety sockets, insulated, Multi 18 digital multimeter, Digital dual trace storage oscilloscope w. colour display, incl. probes 30 MHz, Set of circuit breakers for vehicles (10A/15A), Protection cover for three-level experiment trolleys, Set of 4mm safety connection components, AGM 12V battery with wooden case and circuit breaker, Mobile aluminum experiment stand, 3 levels, power strip with 6 sockets, 49"x28"x79" WxDxH (1250x700x1995mm), Standard branded PC with 24" Flat Screen, Windows 10, UPS 3x hard plastic toning chair, ergonomic seat, stackable</p>				
413	Brake Power Control With ABS and TCA Training System	<p>Includes at least the following items with the following minimum characteristics:1x training system with integrated USB measurement interface including:an original and complete braking system, which is equipped with disc brakes on the front axle and drum brakes on the rear axle. Thus both brake types are covered in one training system. The brake is actuated by means of a brake pedal, which is connected to the tandem brake cylinder via the brake booster. The brake lines are led from the mechatronic ABS hydraulic unit with ASR functionality to the individual brake calipers. In addition, the ABS control unit with ASR functionality evaluates the signals from the four original wheel speed sensors and regulates the brake pressure in the corresponding brake cylinders. The different pressures can be read off via the corresponding pressure gauges. Two</p>	pc	1	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		separately driven sensor wheels make it possible to imitate different wheel speeds on the left and right sides of the vehicle. 1x Interactive multimedia coursesInteractive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutionsAll accessories necessary for proper operation must be provided, with at least the following:HEX-NET basic WiFi set incl. VCDS licence, Mobile experiment stand, 1070x1350x700mm, Monitor holder for flat screen, Protection cover for experiment standStandard branded PC with 24" Flat Screen, Windows 10, UPS3x hard plastic toning chair, ergonomic seat, stackable				
414	Engine management Common Rail training system	<p>Includes at least the following DIN A4 modules with the following characteristics: Programmable engine control unit, Injectors (Common Rail), Turbocharger regulating valve, EGR valve, Rail pressure control valve (PCV), Fuel pump, Drive unit with crankshaft, camshaft and engine temperature sensor, Turbocharger boost pressure sensor, Mass air flow sensor, Common rail fuel pressure sensor, Air temperature sensor, Throttle pedal position sensor, Glow plugs, Power supply, 13.5 V, 45 A, USB-Interface between PC and experiment hardware, Parallel measurement if two voltages and one current, Three-channel oscilloscope (U<250V=~/-; I<15A=~/-)</p> <p>1x Interactive multimedia courses Interactive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback</p>	pc	1	N	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions All accessories necessary for proper operation must be provided, with at least the following: Mobile aluminum experiment stand, 3 levels, power strip with 6 sockets, 49"x28"x79" WxDxH (1250x700x1995mm), Monitor holder for flat screen, Set of leads, Protection cover for experiment stand Standard branded PC with 24" Flat Screen, Windows 10, UPS 3x hard plastic toning chair, ergonomic seat, stackable				
415	Engine management Gasoline Direct Injection training system	Includes at least the following DIN A4 modules with the following characteristics: Programmable engine control unit, Output stage with high-pressure injection valvesE-Gas throttle valve, Single spark ignition coil, Fuel pump, Drive unit with crankshaft, camshaft and engine temperature sensor, Broadband lambda sensor, Mass air flow sensor, Rail pressure sensor (MED), Throttle pedal position sensor, Knock sensor, Rail pressure control valve (PCV), Power supply, 13.5 V, 45 A, USB-Interface between PC and experiment hardware, Parallel measurement if two voltages and one current, Three-channel oscilloscope (U<250V=~/~; I<15A=~/~) 1x Interactive multimedia courses: Interactive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions All accessories necessary for proper operation must be provided, with at least the following: Mobile aluminum experiment stand, 3 levels, power strip with 6 sockets, 49"x28"x79" WxDxH (1250x700x1995mm), Monitor holder for flat screen, Set of	pc	1	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		leads, Protection cover for experiment stand Standard branded PC with 24" Flat Screen, Windows 10, UPS 3x hard plastic toning chair, ergonomic seat, stackable				
416	Automotive Lighting Training System	<p>Automotive Lighting Training System</p> <p>Includes at least the following DIN A4 modules with the following characteristics: Ignition Key with fuse, Main headlight unit with side light, headlight range control & indicator (left) Main headlight unit with side light, headlight range control & indicator (right), Tail light unit with LED rear light (left), Tail light unit with LED rear light (right), Relay unit 1, headlights with indicator relay, relay 2 x n.o., relay 1x c.o., Switch unit for headlights and indicators, range control, brake light switch Warning lights and fuse box, Auxiliary lamp, Rear fog lamp, Reversing lamp, Interior lighting, Relay unit 2, auxiliary lighting, relay 1x c.o., time-delay relay, Extra brake light, Standard & power horn (Normal & Supertone), Licence plate illumination, CAN lighting interface, CAN switching interface, CAN fault simulator, set for Repairing the cable harness in passenger/commercial vehicles, Power supply, 13.5 V, 45 A 1x Interactive multimedia courses Interactive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions All accessories necessary for proper operation must be provided, with at least the following: CAN/LIN monitor, Adapter BNC/4 mm safety sockets,</p>	pc	1	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>insulated, Test lamp, Multi 18 digital multimeter, Digital dual trace storage oscilloscope w. colour display, incl. probes 30 MHz, Mobile aluminum experiment stand, 3 levels, power strip with 6 sockets, 49"x28"x79" WxDxH (1250x700x1995mm), Trolley for measurement leads (max. length 100cm), for up to 320 (2x 160) measurement leads (100cm),</p> <p>Set of circuit breakers for vehicles (10A/15A), Set of 4-mm measurement leads with safety connection leads. Monitor holder for flat screen, Set of leads, Protection cover for experiment stand,</p> <p>Standard branded PC with 24" Flat Screen, Windows 10, UPS</p> <p>3x hard plastic toning chair, ergonomic seat, stackable</p>				
417	Interactive system for learning the basics of electric and hybrid vehicles	<p>Interactive learning system combining theory and practical exercises :Allows you to conduct at least 100 different interactive courses with the same interface. Interactive content in scorm format, Direct integration into LMS learning platforms such as Moodle is possible</p> <p>Interface for Interactive blended learning system assembling theory and practical exercises:Adjustable analog output, +/-10 V, 0.2 A, DC – 5 MHz, via BNC and 2-mm sockets</p> <p>4 Analog differential amplifier inputs with 10 MHz band width, safe for voltages up to 100 V, sampling rate 100 megasamples, 9 measuring ranges, memory depth 4 x 8 k x 10 bits, inputs via BNC (2 inputs) or 2-mm sockets (4 inputs); 2 Analog inputs for current measurement, overcurrent-protected up to 5 A, sampling rate 250 kilosamples, 2 measuring ranges, resolution 12 bits, connection via 2-mm sockets</p> <p>Power supply unit (0-10V adjustable DC, function generator, AC, 3-phase, 3x DC adjustable +/-20V)USB and WIFI interface for real time data displaying on integrated virtual instruments on PC (voltmeter, ammeter, oscilloscope 4-channel, vector analysis, spectra analysis, 3-phase power source,...)</p> <p>2x</p>	pc	1		

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>Experiment Unit to be connected to the interface; can also be used in a DIN A4 frame</p> <p>1x Interactive multimedia courses Interactive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutions</p> <p>List of interactive course: Course: DC/AC Conversion in Vehicles, Course: DC-DC Step-Up Converters in Hybrid and all Electric Vehicles, Course: DC-DC Step-Down Converters in Hybrid and all Electric Vehicles, Course: Interlock in Hybrid and all Electric Vehicles, Course: Battery Disconnect Unit in Hybrid and all Electric Vehicles, Course: Safe Handling of HV Systems</p> <p>All accessories necessary for proper operation must be provided, with at least the following: Mobile aluminium cart 1200x900mm, Protection cover for lab tables 1200x900x760 mm, Standard branded PC with 24" Flat Screen, Windows 10, UPS3x hard plastic toning chair, ergonomic seat, stackable</p>				
418	Interactive system for learning the basics of automotive electricity and electronics	<p>Interactive learning system combining theory and practical exercises :• Allows you to conduct at least 100 different interactive courses with the same interface. • Interactive content in scorm format, Direct integration into LMS learning platforms such as Moodle is possible</p> <p>Interface for Interactive blended learning system assembling theory and practical exercises:• Adjustable analog output, +/-10 V, 0.2 A, DC – 5 MHz, via BNC and 2-mm sockets • 4 Analog differential amplifier inputs with 10 MHz band width, safe for voltages up to 100 V, sampling rate 100 megasamples, 9 measuring ranges, memory depth 4 x 8 k x 10 bits, inputs via BNC (2 inputs) or 2-mm sockets (4 inputs) • 2 Analog inputs for current measurement,</p>	pc	1	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>overcurrent-protected up to 5 A, sampling rate 250 kilosamples, 2 measuring ranges, resolution 12 bits, connection via 2-mm sockets• Power supply unit (0-10V adjustable DC, function generator, AC, 3-phase, 3x DC adjustable +/-20V)• USB and WIFI interface for real time data displaying on integrated virtual instruments on PC (voltmeter, ammeter, oscilloscope 4-channel, vector analysis, spectra analysis, 3-phase power source,...)2x Experiment Unit to be connected to the interface; can also be used in a DIN A4 frame1x Interactive multimedia coursesInteractive experiment setups with animation, Measured values and diagrams can be stored in the experiment instructions per drag and drop, Direct link to instruments/measurement and test software from the experiment instructions, Includes questions with feedback and evaluation logic for progress monitoring, Documents can be printed out for hardcopy of experiment instructions including solutionsList of interactive course:Course: AC and DC in automotive, Course: Electronics and digital technology in automotive, Course: Pulse-width modulated signals in automotive, Power supply, 13.5 V, 45 A, Course: DC/AC Conversion in VehiclesAll accessories necessary for proper operation must be provided, with at least the following:Mobile aluminium cart 1200x900mm, Protection cover for lab tables 1200x900x760 mm, Standard branded PC with 24" Flat Screen, Windows 10, UPS3x hard plastic toning chair, ergonomic seat, stackable</p>				
419	10 days of training in theory and practice on all supplied training systems for up to 12 trainees	<p>Content includes all supplied training systems: Diagnosis and Management of a High Voltage Battery Training System Air Conditioning and Electric Drive for High Voltage Vehicles Training System Three-phase Generator with Hybrid Controller Training System Brake Power Control With ABS and TCA Training System</p>		1	Y	

Technical Specifications		Lot 2: Training Systems for Automotive Mechatronics				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>Engine management Common Rail training system Engine management Gasoline Direct Injection training system Automotive Lighting Training System Interactive system for learning the basics of electric and hybrid vehicles Interactive system for learning the basics of automotive electricity and electronics</p> <p>Training by professionals with special knowledge of the technology and methods of training it, Individual preparation of trainers, Introduction to safety regulations, Set-up and execution of experiments along with practical aspects for participants, Devising special sets of experiments, Methodical steps in designing classes, Obtaining sample experiment results, Troubleshooting and rectification in the course of the experiments commissioning of supplied system, including unpacking, assembly, fitting and installation as required 1</p>				

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
1	Tool assortment set	<p>Combination spanner set (all sizes from 6 - 22mm): DIN 3113 Form B ; ISO 3318; ISO 7738; Chrome plated steel 31CrV3; Ring 10° offset from shaft</p> <p>Open ended spanner set (all sizes from 6 - 24mm, and 27mm): DIN 3110; ISO 3318; ISO 1085; ISO 10102; Matt chrome plated steel 31CrV3, Heads finely polished</p> <p>Socket set 1/2 (all sizes from 10 - 19mm, 21 - 24mm, 26 - 28mm, 30 and 32mm): DIN 3124; ISO 2725-1; Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Handoperated, knurled grip; Chrome plated 31CrV3 steel</p> <p>Screwdriver bit socket 1/2" for slotted head screws (sizes 10 x 1.6mm, 12 x 2mm): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Hand-operaed knurled grip; Chrome-plated; Blade as per DIN ISO 2380-1, Form B</p> <p>Screwdriver bit socket 1/2" for cross-head screws PH (sizes 2, 3, and 4): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Hand-operaed knurled grip; Chrome-plated; Tip as per DIN ISO 8764-1PH</p> <p>Screwdriver bit socket 1/2" for multi-point screws XZN (sizes M8 and M10): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; DIN 2324; Hand-operaed knurled grip; Chrome-plated; Tip as per DIN 2325</p>	set	5	Y	<p>[Manufacturer/Brand]</p> <p>[Model]</p> <p>[Offered specifications]³</p>

³ Bidder's shall provide a clause-by-clause commentary on the Purchaser's Specifications, demonstrating the Goods' and Services' responsiveness to those Specifications or a statement of deviations and exceptions to the provisions of the Purchaser's Specifications. General replies to the Purchaser's Specifications, such as "acceptable", "comply", "yes", etc., or simply copying the Purchaser's specifications word-by-word, will be treated without exception as non-responsive during the technical evaluation; bidders are also requested to strictly refrain from self-classification of their replies to the Purchaser's Specifications (such as "acceptable", "better", "compliant", etc.); any statement made by the Bidder's must be verifiable in the provided catalogues/leaflets ("custom-made" catalogues/leaflets, i.e. literature specifically manufactured for this tender, and only consisting of a picture and some text, and generally appearing unprofessional, will not be accepted).

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>Screwdriver bit socket 1/2" for recessed TORX head screws (sizes T20, T25, T27, T30, T40, T45, T50, T55, T60): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Hand-operaed knurled grip; Chrome-plated</p> <p>Screwdriver bit socket 1/2" for recessed TORX head screws, long pattern (sizes T20-100, T25-100, T27-100, T30-100, T40-100, T45-100, T50-100, T55-100, T60-100): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Hand-operaed knurled grip; Chrome-plated</p> <p>Hexagon allen key (sizes 2, 2.5, 3, 4, 5, 6, 8, 10mm): DIN ISO 2936; 61CrSIV5 steel</p> <p>TORX Gauge: For identification of TORX sizes; Internal E4 - E16; External T10 - T60</p> <p>Screwdriver bit socket 1/2" for in-hex screws (all sizes from 5 - 10mm, 12, 14, and 17mm): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Hand-operaed knurled grip; Chrome-plated; DIN 7422</p>				
	Tool assortment set (continued)	<p>Screwdriver bit socket 1/2" for in-hex screws (all sizes from 5-90, 6-90, 8-90, 10-90, 12-90, and 14-90mm): Square drive as per DIN 3120 - C 12.5; ISO 1174; With ball retaining groove; Hand-operaed knurled grip; Chrome-plated; DIN 7422</p> <p>Reversible ratchet 1/2": DIN 3122, ISO3315; Fine-tothed (60 teeeth); With lever change and push-button release; return angle 6 degrees; Non-slip component handle with hanging hole; Chrome-plated 31CrV3 steel</p> <p>Sliding T-bar 1/2" (length 292mm): DIN 3122, ISO 3315; For hand-operated sockets with square drive as per DIN 3120, ISO 1174, With ball locking device; Chrome-plated 31CrV3 steel</p> <p>Universal joint 1/2": DIN 3123, ISO 3316; For hand-operated sockets with square drive as per DIN 3120, ISO 1174, With ball locking device; Chrome-plated 31CrV3 polished steel</p> <p>Extensions 1/2" (lengths 125 and 250mm): DIN 3123, ISO 3316; For</p>		#		“ “ “

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>hand-operated sockets with square drive as per DIN 3120, ISO 1174, With ball locking device; Chrome-plated 31CrV3</p> <p>Reversible ratchet 1/4": DIN 3122, ISO3315; With recessed lever change, locks in middle position; return angle 15 degrees; Non-slip component handle with hanging hole; Chrome-plated 31CrV3 steel</p> <p>Sliding T-bar 1/4" (length 115mm): DIN 3122, ISO 3315; For hand-operated sockets with square drive as per DIN 3120, ISO 1174, With ball locking device; Chrome-plated 31CrV3 steel</p> <p>Extensions 1/4" (length 97mm): DIN 3123, ISO 3316; For hand-operated sockets with square drive as per DIN 3120, ISO 1174, With ball locking device; Chrome-plated 31CrV3, polished.</p> <p>Universal joint 1/4": DIN 3123, ISO 3316; For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with ball locking device; vanadium steel 31CrV3, polished, chrome-plated</p> <p>Driving handle 1/4": DIN 3122, ISO 3315; For hand-operated sockets with square drive as per DIN 3120, ISO 1174, with ball locking device.</p>				
	Tool assortment set (continued)	<p>Nut driver with 3C-handle: DIN 3125, ISO 2725-1; 3-component handles Power-Grip3 with hanging hole; Ergonomic handle design enables precise and fatigue-free working; Positive-fit joint of handle and blade for optimum transmission of force; Head depth 25 mm, blade length 125 mm; 10 mm and larger with hexagon bolster; molybdenum-vanadium-Plus steel</p> <p>Combination ratchet spanner set (all sizes from 8-19mm): With same size each end; UD profile; High torque transfer; vanadium steel 31CrV3; chrome-plating; locking insert and pawl manganese-phosphated; Hot forged; Jaw: ground precisely to exact nominal size for optimum contact areas</p> <p>Screwdriver bit socket 1/4" for in-hex screws (sizes 4-14): DIN 7422; DIN 3120 - C 6.3, ISO 1174, with ball retaining groove; Hand-operated, knurled grip; Chrome-plated; vanadium special steel, manganese-phosphated</p> <p>Socket 1/4" for</p>		#		

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>protruding TORX® head screws (E4 E5 E6 E7 E8 E10): DIN 3120 - C 6.3, ISO 1174, with ball retaining groove; Hand-operated, knurled grip; vanadium steel 31CrV3, polished, chrome-plated</p> <p>Screwdriver bit socket 1/4" for recessed TORX® head screws (T8 T9 T10 T15 T20 T25 T27 T30 T40): DIN 3120 - C 6.3, ISO 1174, with ball retaining groove; Hand-operated, knurled grip; Chrome-plated; vanadium special steel, gun-metal finish</p> <p>Universal pliers: DIN ISO 8976 Form C; With safety box joint and protection against blocking; Fine adjustment; 142 7 = 17 settings; 142 10 = 15 settings; 142 12 = 17 settings.</p> <p>Telephone pliers: with cutting edge, serrated, straight pattern; DIN ISO 5745; Long, flat-round jaws, straight gripping faces, serrated; For holding, gripping, bending and cutting; Induction-hardened precision cutting edges, hardness 61 - 63 HRC, chrome-plated, with 2-component handles</p> <p>Power combination pliers: DIN ISO 5746; For heavy continuous use; Good lever action for easy cutting; For flat and round material</p> <p>Power side cutter: DIN ISO 5749; Good lever action for easy cutting; For hard wire/piano wire; Max. cutting capacity Ø 1.4 - 2.0 mm</p> <p>Flat cold chisel (octagonal): Chrome-molybdenum-vanadium air hardening steel 45CrMoV7; Working edge polished and clear varnished</p>				
	Tool assortment set (continued)	<p>Cross-cut chisel (Octagonal): Chrome-molybdenum-vanadium air hardening steel 45CrMoV7; Working edge polished and clear varnished</p> <p>Drift punch (Octagonal): DIN 6458; Chrome-molybdenum-vanadium air hardening steel 45CrMoV7; Working edge polished and clear varnished</p> <p>Centre punch (octagonal): DIN 7250; Chrome-molybdenum-vanadium air hardening steel 45CrMoV7; Working edge polished and clear varnished</p> <p>Pin punch (Octagonal): DIN 6450; Chrome-molybdenum-vanadium air hardening steel 45CrMoV7; Working edge</p>		#		

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>polished and clear varnished</p> <p>Engineers' hammer ROTBAN D-PLUS: Forged hammer head DIN 1041; With contoured ash (E 600 E) or hickory (E 600 H) handle DIN 5111, additionally shaped with a long-hardened handle protective steel sleeve</p> <p>Thread file (0.80 1.00 1.25 1.50 1.75 2.00 2.50 3.00 mm): Chrome-vanadium steel, ISO-nickel-plated; 140 metric threads; 140 A inch threads; 140 W Whitworth threads</p> <p>Steel tape measure (5m): With belt clip and rewind stop; mm-divisions; Approved standard mark</p> <p>Digital measuring calliper (230mm): DIN 862; Stainless steel, hardened; Switchable from mm to inch; Measuring range 0 - 150 mm/6"; Data output (mini-USB); Zeroing in any position; Measurement beak finely smoothed and lapped; Large LCD display (digit height 9 mm); Can be used with or without thumb roller</p> <p>Tweezers(150mm): With angled tips; Bright nickel-plated</p> <p>Scriber: Made from special steel</p> <p>3C-Screwdriver for slotted head screws (4.5mm, 5.6mm, 5.8mm): DIN ISO 2380-2, blade tip DIN ISO 2380-1 Form A3-component handles Power-Grip3 with hanging hole; Ergonomic handle design enables precise and fatigue-free working; Positive-fit joint of handle and blade for optimum transmission of force; molybdenum-vanadium-Plus tempered steel.</p>				
	Tool assortment set (continued)	<p>3C-Screwdriver for cross-head screws PH: DIN ISO 8764, tip acc. to DIN ISO 8764-1 PH; 3-component handles Power-Grip3 with hanging hole; Ergonomic handle design enables precise and fatigue-free working; Positive-fit joint of handle and blade for optimum transmission of force; Type of drive marked at end of the handle; Size 3 and 4 blade with hexagon bolster; Blade molybdenum-vanadium-Plus tempered steel</p> <p>Screwdriver bit 5/16" for slotted head screws(7-12mm): DIN ISO 2351-1; Hexagon drive as per DIN 3126 - C 8 (5/16"); For hand operation and use</p>		#		

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>in electric and air tools; For extra heavy use; special vanadium steel, gun-metal finish Screwdriver bit 5/16" for multi-point screws XZN: Hexagon drive as per DIN 3126 - C 8 (5/16"), tip as per DIN 2325; For hand operation and use in electric and air tools; For extra heavy use; special vanadium steel, gun-metal finish Screwdriver bit 5/16" for cross-head screws Pozi PZ (size 1-4): DIN ISO 2351-2, tip as per DIN ISO 8764-1 PZ; Hexagon drive as per DIN 3126 - C 8 (5/16"); For hand operation and use in electric and air tools; For extra heavy use; special vanadium steel, gun-metal finish Adaptor pieces for screwdriver bits 5/16": DIN 7427 Form A; Hex recess drive as per DIN 3126 - D 8 (5/16") and square drive Form G DIN 3121; Manganese-phosphated; For hand-operated or power tools Hand-operated impact driver 1/2": Particularly suitable for loosening tight bolts or screws with the aid of a hammer; Reversible for right- and left-hand operation; Will fit any 1/2" impact socket or bit; Manganese-phosphated Impact socket 1/2" hexagon, for cars (10,13,14,17,19): Square drive as per DIN 3121 - G 12.5, ISO 1174; Suitable for all standard electric and air tools; special steel, gun-metal finish Circlip pliers for external retaining rings Form A: For retaining rings as per DIN 471, DIN 983; DIN 5254 Form A; Straight tips; With opening spring; With clamping protection; chrome-vanadium special; hardened and tempered steel; Precision machined, oil hardened and annealed. Circlip pliers for internal retaining rings Form C: DIN 472, DIN; DIN 5256 Form C; Straight tips; chrome-vanadium special; hardened and tempered steel; Precision machined, oil hardened and annealed</p>				
2	Trolley	Dimensions: H 1045 x W 785 x D 510 mm, Working platform with PP top with front flattening, anti-roll safety edge and small additional trays, With handle for easy pushing, pulling and turning, Side walls with Euro	pc.	4	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		perforation 10 x 38 mm to fix hooks and tools, Sides rounded off – a minimum of abutting edges, Welded sheet steel construction, torsionally rigid, to take high loadings, Sheet steel, corrosion resistant and scratch-proof powder-coated. Drawers: Individual blocking only one drawer can be open at a time, single-hand operation, Central locking with cylinder lock, 7 wide drawers (W 640 x D 400 mm) fully extendable, Ball-bearing guide rails, Load capacity per drawer 20 kg, Sheet steel, corrosion resistant and scratch-proof powder-coated. Total load capacity 400 kg, 4 smooth running wheels on ball bearings (swivel castors Ø 125 mm) one with total brake, even with maximum loads: still smooth running, manoeuvrable and keeps to the track				
N/A	N/A	<i>Item 3 not included in this Lot.</i>	N/A	N/A	N/A	N/A
4	Workbench with tool cabinet	Suitable for item: Tool assortment set Dimensions: H 900 x W 2000 x D 875 mm; 40 mm thick multiplex beech wood worktop; surface additionally protected by linseed oil varnish; Large storage space with shutter; Heel protection for safety; Sheet steel corrosion resistant and scratch-proof powder-coated. Body cabinet: Dimensions: H 890 x W 1810 x D 170 mm; Shutter with cylinder lock; Rear panel with square perforation 10 x 38 mm to fix hooks and tools; Sheet steel, corrosion resistant and scratch-proof powder-coated; Shutter from sheet steel, corrosion resistant and scratch-proof powder-coated. Drawers: Separate central locking of drawers and shutter with cylinder locks; 5 wide drawers (W 480 x D 550 mm) extendable up to 505 mm and removeable; Ball-bearing guide rails, can be individually equipped with lengthwise and crosswise dividers; Load capacity per drawer 40 kg; Sheet steel, corrosion resistant and scratch-proof powder-coated; Total load capacity (workbench) 2000 kg	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
5	SUB_ITEM: Hook assortment	Suitable for item: Workbench with tool cabinet 85-piece hook assortment for tool cabinet	set	1	Y	
6	SUB_ITEM: Length- and crosswise dividers from zinc-plated sheet metal	Suitable for item: Workbench with tool cabinet 9x length and crosswise dividers from zinc-plated sheet metal for tool cabinet	set	1	Y	
N/A	N/A	<i>Item 7 not included in this Lot.</i>	N/A	N/A	N/A	N/A
8	Drill bit set	High-Speed Steel (HSS) cobalt drill bit set; DIN 338 compliant; Smooth shank; 1 - 13mm	set	4	N	
9	Drilling and cutting oil	Prevents the formation of built-up edges, for medium to heavy machining processing; For drilling, thread cutting, reaming, counter-sinking, turning and milling; Suitable for high-alloy steels; 500ml	pc.	2	N	
10	Step drill bit set	High-Speed Steel (HSS) ; Smooth shank; 4 - 20mm; High-Speed Steel (HSS) ; Smooth shank; 10 - 40mm	set	2	N	
11	Spot weld drill	Straight shank; Tolerance on \varnothing - h8; Point angle 180°; Tool material HSCO; Nominal \varnothing 6mm	pc.	3	N	
12	External micrometer	External micrometer set; 4-piece set; measuring range 0 - 100 mm.	set	2	Y	
13	Vernier caliper	Measuring range 150 mm, DIN 862; graduation 1/20; scale division 0.05 mm; with depth gauge rod.	pc.	2	Y	
14	Try square	Stock length 150 x 100 mm; DIN 875/2; accuracy class 02.	pc.	4	Y	
15	Steel rule	Stainless steel; length 300 mm; scale graduations: upper edge 0.5 mm - lower edge 1mm.	pc.	4	Y	
16	File brush	Bristle length x width 100 x 25 mm.	pc.	4	Y	
17	Wire brush	Wire hand scratch brush; smooth steel wire 0.35 mm; curved wooden body; length of brush section 140 mm; wire length 25 mm; 6 bristle rows.	pc.	4	Y	
N/A	N/A	<i>Items 18-22 not included in this Lot.</i>	N/A	N/A	N/A	N/A
23	Air blow gun	Die-cast-metal body with moulded handle and hanging point, fitted with short type nozzle for bench top use, supplied with quick-release coupling, maximum operating	pc.	3	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		pressure: 7.5 bar / 110psi. Air connector according to EN ISO 4414.				
24	Torque wrench (adjustable type)	For clockwise tightening, with reversible or push through ratchtet, scale for Nm and ft.lb., preset value can be seen in display and locket at grip end, with noticeably and audibly ("click") mechanism, accuracy: + 4% of preset value, with 2 component slip resistant grip, DIN/ISO 6789, drive 1/2", setting range: 40-200 Nm, length: 553 mm	pc.	3	Y	
N/A	N/A	<i>Items 25-28 not included in this Lot.</i>	N/A	N/A	N/A	N/A
29	Compressed air hose set	Compressed air "quick-relaese coupling" for standard compressed air hoses Compressed air "adaptor" for quick-release coupling (see above) and 9mm hose	set	20	Y	
30	Compressed air hose reel	Compressed air hose reel, wall-mounted	pc.	3	N	
N/A	N/A	<i>Item 31 not included in this Lot.</i>	N/A	N/A	N/A	N/A
32	Single-lens safety glasses	One-piece safety glasses; flex arms without hinges; side protection; DIN EN 160 - 170.	pc.	20	Y	
N/A	N/A	<i>Item 33 not included in this Lot.</i>	N/A	N/A	N/A	N/A
34	Fire extinguisher	Hand operated type, capacity: 9kg, filled with multipurpose powder to extinguish fires of fibrous materials, flammable liquids and electric equipment, with wall bracket.	pc.	4	Y	
35	First Aid kit	Workshop first aid kit equipped with standard first aid material and suitable for use where-up 25 trainees.	pc.	4	Y	
36	Face shield	Muliple-use face shield with aluminium-reinforced visor; Compliant with EU 166 and ANSI Z87.1 standards; Signal colour to ensure optimal visibility; Easy size adjustment due to comfortable ratchet closure	pc.	10	Y	
37	High-visibility reflective vest	Safety vest according to EN ISO 20471 standard; Colour orange; Medium size	pc	10	Y	
38	Safety cap	High-visibility safety cap with inner ABS plastic protection shell; Colour orange; Compliant with CE ENB12	pc.	10	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
39	Hard hat	ABS hard hat with sweatband and ratched fastener; Colour orange; Compliant with EN ISO 20471 standard	pc.	10	Y	
40	Safety harness	Fall protection safety harness in accordance with EN 358; Belt with two-side positioning point	pc.	5	N	
41	Fire blanket	Fire protection blanket; Size 1.2 x 1.2m; DIN EN 1869 compliant	pc.	5	Y	
42	Ear muffs	DIN EN 352-1 compliant; up to 32 db(A) insulation; Low weight and compact size; Extra-soft cushions; Foldable for easy storage	pc.	10	Y	
43	Hand glove in pair	Extra heavy- Duty gloves for professional use. Manufactured from top quality hide with strong stitching and padded palm.	pc.	20	Y	
44	Arc welding machine (MMA)	MMA, rectified, electrode welding machine in direct current (DC). Steeples regulation of welding current. Use with a wide range of electrodes: rutile, basic, stainless steel, cast iron and aluminium / (incl. operational and maintenance manual) Mains voltage: 230/400V 50/60 Hz, 3 phase Current range: 60 - 360 A DC Max. current (40°C)(EN60974-1): 325A 35% DC Current at 60% (EN60974-1) : 240A DC Max. no load voltage: 65V DC Absorbed power: 10 - 15 kW Power factor: 0,6 cosphi Electrode diameter: Ø 2 - 6 mm Protection class: IP22 Dimensions mm (L,W,H): 100x54x76 mm Weight: max 111 kg CE and GS proved, The standards LVD: EN 60974-1, LVD: EN 50445, EMC: EN 60974-10 have to be fulfilled The accuracy of the device has to fulfil the respective DIN/ISO standard Incl. operational and maintenance manual in English	pc.	2	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
N/A	N/A	Items 45-50 not included in this Lot.	N/A	N/A	N/A	N/A
51	Oxygen/Acetylene cutting & welding kit	Shank Ø 17 mm; oxyacetylene hoses incl.; for acetylene fuel gas; complete set, consisting of: 1 x sheet metal box; 1 x Handle Alu Oxygen G3/8 "L.H. Acetylene G1/4"; 1 x welding insert Acetylene 1-2 mm; 1 x welding insert Acetylene 2-4 mm; 1 x welding insert Acetylene 4-6 mm; 1 x welding insert Acetylene 6-9 mm; 1 x cutting insert with lever valve AC+R 3-100 mm; 1 x flame cutting nozzle AC made of copper acetylene 3-10 mm; 1 x AC flame cutting nozzle made of copper acetylene 10-25 mm; 1 x flame cutting nozzle AC made of copper acetylene 25-40 mm; 1 x heating nozzle made of copper acetylene 3-100 mm; 1 x carriage 28 mm; 1 x oxyacetylene hose, assembled - Acetylene 16/9 mm, Oxygen 16/5 mm, 10 m; 1 x cylinder pressure regulator OX I 200bar DE 10bar; 1 x cylinder pressure regulator AC 25bar DE 1.5bar; 1 x template for use type GV 10 OX 1/4"; 1 x Service station template type GV 10 AC/P G3/8 "L.H.	set	1	Y	
52	SUB_ITEM: Acetylene steel cylinder	Suitable for item: Oxygen/Acetylene cutting and welding kit 50 Liter European ISO Quality Standard for safety reasons.	pc.	1	Y	
53	SUB_ITEM: Oxygene steel cylinder	Suitable for item: Oxygen/Acetylene cutting and welding kit 50 Liter European ISO Quality Standard for safety reasons.	pc.	1	Y	
54	Cutting torch	Three-tube cutting torch for gas mixing nozzles; suitable for nozzle types AGN, PNME, HA, HP and FGA; complete set, consisting of: 1 hand cutting torch X 511, 2 cutting nozzles 10-25 mm, 2 cutting nozzles 25-40 mm and 1 cutting nozzle 40-60 mm.	set	1	Y	
55	Gas welding rod	DIN EN ISO 12536 - O III; AWS A5.2 - R60; Ø 2.0 mm x 1000 mm; unalloyed; material number: 1.6215; 1 pack = 5 kg.	pack	1	Y	
56	Welder's mask	Anti-dazzle cassette technology for realistic colour rendition; shade levels stelessly adjustable; with lithium 3 V	pc.	2	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		battery; EN 175, DIN 379, EN 166; application: MIG/MAG welding, stick welding, TIG welding and plasma welding.				
57	Welding goggle	Replaceable lens and cover lens; Adjustable elastic bands; Shade level No. 5; For gas welding and cutting: Flip-up eye cover	pc.	3	Y	
58	TIG welder's gloves	High-quality welder's gloves of goatskin with nappa leather cuff; pack of 6 pairs each; glove size 10.	pack	5	Y	
60	Welder's apron	Apron with adjustable straps system and variable waist; 2.5 cm wide strap of sailcloth; quick-release clip; EN ISO 11611; length 107 cm, width 80 cm.	pc.	5	Y	
N/A	N/A	<i>Item 61 not included in this Lot.</i>	N/A	N/A	N/A	N/A
62	Mobile suction and filtering device	Mobile suction and filter unit appropriate for one workplace; applications: filtration of fumes, dusts and gases; IFA certified for welding fume category W3; polluted air is extracted and led into the filter unit either by the suction arm or by other capturing elements; The particles or gases are extracted from the airflow during a filtering procedure consisting of several stages and the cleaned air returns to the working space; Application: For welding places, in workshops, for soldering applications, for restorers and in locksmith's shops; robust and solid construction; made of a stable steel sheet and coated with powder from inside and outside; filter elements are accessible via a maintenance flap; Max. volumetric flow of the fan [m ³ /h]: 2.500; Max. pressure [Pa]: 2.500; Pre-filter, Main filter, activated carbon filter; Engine performance [kW]: 1.1; Voltage [V]: 230; Power Frequency [Hz]: 50; Current consumption [A]: 7; Sound level [dB(A)]: 68; Separation efficiency [%]: ≥ 99; with 2 m arm hose.	set	2	Y	
N/A	N/A	<i>Items 63-71 not included in this Lot.</i>	N/A	N/A	N/A	N/A
72	MIG / MAG welding machine	MIG-MAG/FLUX/BRAZING welding machine with removable wire feeder, fit for use in the industrial field. Flexibility of use with a wide range of materials such as steel, stainless steel, high strength steels and aluminium.	set	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		<p>Characteristics: very strong * numerous steps for regulation of arc voltage * regulation of spot welding time * two positions for reactance * thermostatic protection. Thanks to the extensions (optional) it is possible to increase the working range between wire feeder and power source up to 10 meters. Complete with MIG-MAG welding accessories. / (incl. operational and maintenance manual)Code: 827003Mains voltage: 230/400V 50/60 Hz, 3 phaseCurrent range: 40 - 300 AMax. current (40°C)(EN60974-1): 300A 25%Current at 60% (EN60974-1): 200 AMax. no load voltage: 41,5 VAbsorbed power: 6 - 11,5 kWPower factor: 0,9 cosphiMains fuse: 16 / 10 AAdjustment positions: 12Wire diameter – Steel: 0,6 - 1,2 mmWire diameter - Stainless steel: 0,6 - 1,2 mmWire diameter – Aluminium: 0,8 - 1,2 mmWire diameter – Flux: 1,0 - 1,2 mmWire diameter – Brazing: 0,8 - 1,2 mmProtection class: IP22Dimensions (L,W,H): 945x565x830 mmWeight: max 96 kg CE and GS proved, The standards LVD: EN 60974-1,The accuracy of the device has to fulfil the respective DIN/ISO standardIncl. operational and maintenance manual in English .</p>				
73	SUB_ITEM: Argon-CO2 (Schutzgas 18) steel cylinder	Suitable for item: MIG / MAG welding machine 50 Liter European ISO Quality Standard for safety reasons.	pc.	1	Y	
74	SUB_ITEM: Set of gas pressure reducer incl. hose (incl. 2 spare set)	Suitable for item: MIG / MAG welding machine	pc.	1	N	
75	SUB_ITEM: Gas nozzles (as spare parts)	Suitable for item: MIG / MAG welding machine	pc.	2	N	
76	SUB_ITEM: Current contact tubes (as	Suitable for item: MIG / MAG welding machine	pc.	1	N	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	spare parts)					
77	SUB_ITEM: Current contact tube holder (nozzle assembly) (as spare parts)	Suitable for item: MIG / MAG welding machine	pc.	1	N	
78	SUB_ITEM: Spirally wound wire electrode guide (spare parts)	Suitable for item: MIG / MAG welding machine	pc.	1	N	
79	SUB_ITEM: Insulator as (spare part)	Suitable for item: MIG MAG welding machine	pc.	1	N	
80	Automatic protection helmet for MIG / MAG / TIG welding	Automatic protection, 1 / 30000 sec.; DIN 9-13; Radiation protection area DIN 4; Field of view 100x50 mm; appr. 450g basic version.	pc.	1	Y	
81	SUB_ITEM: Outside glasses for above mentioned automatic protection helmet (spare part)	Suitable for item: Automatic protection helmet for MIG / MAG / TIG welding	pc.	2	N	
82	SUB_ITEM: Inside glasses for automatic protection helmet (spare part)	Suitable for item: Automatic protection helmet for MIG / MAG / TIG welding	pc.	2	N	
83	SUB_ITEM: Pressure Regulator For MIG/MAG	Suitable for item: MIG / MAG welding machine ARGON –MIX Cylinder Pressure 400 Bar Working Pressure 35 Bar EN 565 200 Bar ISO 2303 300 Bar Class First.	set	1	Y	
N/A	N/A	<i>Item 84 not included in this Lot.</i>	N/A	N/A	N/A	N/A
85	Welding station	Welding cable PVC 5 m with electrode holder and welding	set	2	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	equipment	cable plug; Ground cable PVC 16 3 m with earth terminal and welding cable plug; Chipping hammer wire brush; Handguard Polypropylene (CE); Welding glass DIN 9; Attachment glass 90 x 110 mm; Welder gloves 5-finger.				
N/A	N/A	Items 86-89 not included in this Lot.	N/A	N/A	N/A	N/A
90	Digital protractor	Stainless steel; ruler and angle finder; Lock and reverse function; Easy-to-read LCD display; Measurement range 0 to 360 degrees; Accuracy +/- 0.1 degrees;	pc.	2	Y	
91	Digital angle gauge with level	V-grooves around entire perimeter; Dual measurement ranges at 0 to 90 degrees; Reverse contrast; Strong magnetic base; High visibility reverse contrast display	pc.	2	Y	
N/A	N/A	Item 92 not included in this Lot.	N/A	N/A	N/A	N/A
93	Electric welder's chipping hammer	Forged hammer head, hardened and tempered; with cutting edge, chipping point and tubular steel handle; weight: 500 g.	pc.	2	Y	
N/A	N/A	Items 94-95 not included in this Lot.	N/A	N/A	N/A	N/A
96	Laser levelling device	Horizontal and vertical levelling; Accuracy of +/- 0.3mm/m; Self-levelling on uneven surfaces up to +/- 4 degree in less than four seconds; IP 54 dust and splash water protection; Protection pouch	pc.	1	Y	
97	Bench vice	Jaw width 150 mm. Entirely of forged steel. Slides forward on opening. Milled, surface-hardened jaws. Large capacity. Strong lead screw with trapezoidal thread. Lead screw and guides protected from dirt. Adjustable guide; broad hardened anvil area. Supplied with fasteners for attachment to the workbench.	pc.	8	Y	
98	SUB_ITEM: Height adjuster for bench vice	Suitable for item: Bench vice Height adjustment range 242 mm. Strong clamping. Built-in gas pressure spring to ensure weight compensation during height adjustment. Quick clamping in any desired position by means of the safety clamping lever. In conjunction with the height adjuster the vice can be rotated by 360° without an additional swivel base. Complete with all fastening	pc.	8	N	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		screws for attachment to the workbench.				
99	SUB_ITEM: Pipe clamping jaws for bench vice	Suitable for item: Bench vice For clamping pipes with external diameter from 1" to 4".	pair	8	Y	
100	SUB_ITEM: Magnetic vice jaws	Suitable for item: Bench vice Jaw width 150 mm. Extruded aluminium, with integrated permanent magnets.	pair	8	Y	
101	Swing door cabinet	Plain sheet metal swing doors; colour: body light grey RAL 7035, doors signal blue RAL 5005, powder-coated; mounting for storage shelves at 20 mm intervals; lockable doors; height 2000 mm, width 1000 mm, depth 725 mm; 4 shelves.	pc.	4	Y	
102	Pillar drilling machine	Column diameter 92 mm, Length 698 mm, Width/depth 449 mm, Height 1721 mm; Drilling performance steel (S235JR) 28 mm, continuous drilling performance steel (S235JR) 24 mm; Drilling table: workspace length 340 mm, workspace width 360 mm, T-groove type diagonal, T-groove 14 mm, Rotation 360 °; Spindle motor drive output 0.85 kW; Speed range 120 - 4000 1/min; Number of gears 16 stages; Speed control manually; Spindle quill stroke 105 mm, Spindle chuck MK 3; Reach 200 mm; Complete with keyless chuck (1 - 16 mm), Morse taper MT3 / B16, T-nuts.	pc.	1	Y	
103	SUB_ITEM: Machine vice	Suitable for item: Pillar drilling machine Prism jaws; jaw width 150 mm, jaw height 45 mm, span 130 mm; Spindle with rolled trapezoidal thread.	pc.	1	Y	
104	Bench drill	Column diameter 70 mm, Length 700 mm, Width/depth 300 mm, Height 990 mm; Drilling performance steel (S235JR) 20 mm, Continuous drilling performance steel (S235JR) 18 mm; Drilling table: Workspace length 275 mm, Workspace width 275 mm, T-groove type diagonal T-groove size 14 mm, Rotation 360 °, Angle ± 45 °; Max. distance spindle - drilling table 465 mm; Machine base, Max. distance spindle - machine base 645 mm, Work area length 205 mm, Work area width 200 mm; Number of gears spindle motor 113	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		stages, Speed range 210 - 2220 1/min, Number of gears 12 Stages, Speed control manually; Spindle quill stroke 80 mm, Spindle chuck MT 2, Reach 170 mm; Complete with keyless chuck (1 - 16 mm), Morse taper MT2 / B16, T-nuts.				
105	Bench grinder	Heavy industrial grinding machine; suitable for very strong shear forces on the grinding wheels; housing made of cast iron; spark protection; stable, adjustable workpiece support; with sub-structure; with integrated exhaust system and dust bag; speed 1400 1/min; grinding disc external diameter 250 mm; grinding disc width 30 mm; grinding disc drill hole 25 mm.	pc.	1	Y	
106	SUB_ITEM: Corundum grinding wheel	Suitable for item: Bench grinder Dimensions: 250 x 30 x 25; NC 80, hardness M.	pc.	1	Y	
107	Tap and die set	No. of tools: 21; High performance thread cutter made of HSS steel; Tap and die set content: M4, 5, 6, 8, 10, 12mm; Operation with reversible ratchet; Plastic box with soft foam inside	set	1	Y	
108	Hacksaw frame	Hacksaw frame; all-steel back; plastic handle; overall length 520 mm; with bi-metal blade 24 tpi.	pc.	10	Y	
109	SUB_ITEM: Hacksaw blade	Suitable for item: Hacksaw frame Single-sided; bi-metal.	pc.	25	Y	
110	PUK hacksaw	For general purposes (metal, aluminium, wood, plastic); blade length 150 mm; overall length 290 mm; fixed handle.	pc.	5	Y	
111	SUB_ITEM: PUK hacksaw blade	Suitable for item: PUK hacksaw Blade pack (12 pieces); for general purposes (metal, aluminium, wood, plastic); blade length 150 mm; 25 tpi.	pack	15	Y	
112	V – block	Set of 2, cast iron, close grained, accurately ground in pairs: 900. Angle of v-groove, approx. Size: 40 x 75 x100mm	pc.	1	Y	
113	Vernier depth gauge	Measuring range 200mm, DIN 862; graduation 1/20; scale division 0.05 mm.	pc.	1	Y	
114	Steel straight edge	Stainless steel; length 200 mm; straightness tolerance 0.0003 mm.	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
115	Divider	Spring divider with fixed tips; length 200 mm; opening width 160 mm.	pc.	1	Y	
116	Bevel edge square	Stock length 150 x 100 mm; 2 bevelled straight edges on long blade; DIN 875/00; stainless steel; accuracy class 00.	pc.	1	Y	
117	Stock square	Stock length 150 x 100 mm; DIN 875/2; accuracy class 02.	pc.	1	Y	
118	Chisel and punch set	Chisel, taper pin punch and centre punch set in plastic holder; chrome vanadium steel; consisting of: 1 flat cold chisel 125 mm; 1 flat cold chisel 150 mm; 1 cross-cut cold chisel 125 mm; 1 taper pin punch 120 x 2mm; 1 taper pin punch 150 x 3 mm; 1 centre punch 120 x 4 mm.	set	2	Y	
119	Mortise chisel	Blade 10 x 2mm; shaft length 125 mm; chrome vanadium steel.	pc.	4	Y	
120	Workshop file - cut 1	Set of quality workshop files; cut 1 (bastard); length without tang 250 mm; with impact resisting plastic handles; 5 pieces, consisting of: 1 flat file, 1 triangular file, 1 square file, 1 half round file, 1 round file.	set	4	Y	
121	Workshop file - cut 3	Set of quality workshop files; cut 3 (smooth); length without tang 250 mm; with impact resisting plastic handles; 5 pieces, consisting of: 1 flat file, 1 triangular file, 1 square file, 1 half round file, 1 round file.	set	4	Y	
122	Plastic hammer	Cellidor inserts; hammer head diameter 32 mm; handle length 280 mm; weight appr. 380 g.	pc.	4	Y	
123	Hand vice	Forged steel; wide jaws with prism; reinforced shank with secure hinge guide and enclosed special spring; spindle with trapezoidal thread and strong butterfly nut; overall length 100 mm; jaw width 40 mm; jaw capacity 18 mm.	pc.	4	Y	
124	Radius gauge	Stainless steel; for checking internal and external radii 0.5 - 13 mm; 0.5 mm increments.	set	1	Y	
125	Radius gauge	Stainless steel; for checking internal and external radii 1 - 7 mm; 0.25 mm increments for radii 1 - 3 mm; 0.5 mm increments for radii 3 - 7 mm.	set	1	Y	
126	Radius gauge	Stainless steel; for checking internal and external radii 7.5 - 15 mm; 0.5 mm increments.	set	1	Y	
127	Radius gauge	Steel; for checking internal and external radii 15.5 - 25 mm;	set	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		0.5 mm increments for radii 15.5 - 20 mm; 1 mm increments for radii 20 - 25 mm..				
128	Countersink	Countersink set; DIN 335 C; HSS; 5-piece set in a round box or sheet metal case; 1 each countersink, sizes: 6.3 - 10.4 - 12.4 - 16.5 - 20.5.	set	1	Y	
129	Counterbore	Counterbore set in metal sheet or plastic case for through holes; for screws M3 - M4 - M5 - M6 - M8 - M10; size DM; DIN 373; HSS; 6-piece set; 1 each counterbore, sizes: 6.5x3.4 - 8x4.5 - 10x5.5 - 11x6.6 - 15x9 - 18x11.	set	1	Y	
130	Scribing and marking out plate	Stable rigged design; aged special cast iron; scraped surface finish; cast-in support points; DIN 876/1; length x width: 800 x 500 mm.	pc.	1	Y	
131	SUB_ITEM: Support frame	Suitable for item: Scribing and marking out plate Scribing and marking out plate compliant	pc.	1	Y	
132	Numeral punch	Numeral punch set; 10-piece normal script 0 - 9; character height 4 mm.	set	1	Y	
133	Screw clamp	DIN 5117; with integral spindle locking and anti-slip protection; jaw capacity 100 mm.	pc.	2	Y	
134	Screw clamp	DIN 5117; with integral spindle locking and anti-slip protection; jaw capacity 200 mm.	pc.	2	Y	
135	Flat scraper	Blade length 200mm; blade width 20 mm; C125 tool steel; DIN 8350 A	pc.	5	Y	
136	Three-edge hollow scraper	Blade length 200mm; blade width 16 mm; chrome vanadium steel; DIN 8350 C	pc.	5	Y	
137	Pipe vice	Portable; capacity for pipes up to 3 inch.	pc.	1	Y	
138	Revolving punch pliers	Revolving punch pliers; strong pressed steel shanks with rotating wheel and lock; with 6 different hollow punches, sizes: 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 mm.	pc.	1	Y	
139	Universal deburrer	2-component grip with 3 blades (S10, S20, S35); handle with rotating, exchangeable blades.	pc.	1	Y	
140	Pipe wrench	Up to pipe diameter 1 1/2 inch; Swedish design; with broad 90° offset jaw; fully forged with captive adjustment nut; jaw capacity 59 mm.	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
141	Surface plate	Natural granite control surface plate; accuracy class 0; length x width 630 x 630 mm.	pc.	1	Y	
142	SUB_ITEM: Support frame	Suitable for item: Surface plate Sturdy welded construction incl. levelling fittings.	pc.	1	Y	
143	Height gauge	Precision vernier height gauge; marking height 300 mm; strong base with lapped standing surface; reading 0.02 mm with fine adjustment; with magnifying glass; vernier 1/50.	pc.	1	Y	
144	Universal external micrometer	Universal external micrometer with interchangeable anvils; measuring range 0 - 25 mm; DIN 863; with: wedge tip 60 degrees - disc dia. 12 mm - flat anvil dia. 6.5 mm - convex anvil R 6 - shouldered anvil dia. 2 mm - roove measuring anvil - conical tip 60 degrees.	set	1	Y	
145	Measuring stand	Mechanical magnetic measuring stand; standard dial indicator mounting for clamping shank diameter 6 and 8 mm.	pc.	1	Y	
N/A	N/A	<i>Items 146-149 not included in this Lot.</i>	N/A	N/A	N/A	N/A
150	Hydraulic pipe bender	Application: For bending galvanised and black steel pipes (Range: 3/8 - 2 inch); Bending angles up to 90°; For pipe up to 5.5mm wal thicknessCast iron slide blocks and bending formers; 450 bar working pressure	pc.	1	Y	
151	Hand snip - Berlin type	Overall length 250mm; tool steel; blades induction hardened (HRC 58-60); cutter length 65 mm; also for stainless steel (V2A) sheet metal up to 1.0 mm.	pc.	4	Y	
152	Tin snip - Pelican type	Overall length 300mm; tool steel; blades induction hardened (HRC 58-60); cutter length 70 mm; also for stainless steel (V2A) sheet metal up to 1.0 mm.	pc.	4	Y	
153	Hole snip	Overall length 250 mm; blades induction hardened (HRC 58-60); cutter length 45 mm; also for stainless steel (V2A) sheet metal up to 1.0 mm.	pc.	4	Y	
154	Ideal shear	Overall length 260 mm; blades induction hardened (HRC 58-60); also for stainless steel (V2A) sheet metal.	pc.	4	Y	
155	Riveter	Hand pop riveter set with 50 each aluminium pop rivets, sizes (diameter x length): 2.4 x 5.5 - 3.2 x 6.3 - 4.0 x 6.3 - 4.8 x 6.0 mm.	set	2	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
156	Blind rivet gun	Pneumatic / hydraulic; Suitable for stainless steel rivets up to 6.4mm; Suitable for continuous operation with rivets of up to 6.4mm made of steel, stainless steel, aluminum and copper; 5 nose pieces; Thread size of nose pieces M10x1.25; Total stroke 15.8mm; High tractive power 14700N; Low noise level; Insulated handle; Working pressure 6.3 bar; Coupler plug 7.2mm (included); Air connection inlet: inside thread 12.91mm (1/4"); Air requirement: 2.64 l/stroke	pc.	1	Y	
157	Steel Rivet assortment	DIN 7337 compliant; Including large flange, blind countersunk, and blind flat head rivets; Diameter: 3.2, 4.0, 4.8, and 6.0mm; Length: 6, 8, 10, 12, 15mm; Minimum quantity 500	set	1	Y	
158	Aluminium Rivet assortment	DIN 7337 compliant; Including large flange, blind countersunk, and blind flat head rivets; Diameter: 3.2, 4.0, 4.8, and 6.0mm; Length: 6, 8, 10, 12, 15mm; Minimum quantity 500	set	1	Y	
159	Circular saw	Manual metal circular saws for steel, iron, light metals, solid material and profiles; Swivel range of $\pm 45^\circ$; Easy-to-read angle scale; Protected vice spindle; Massive machine base on both sides with holes for the mounting of the material stand; Long handle allows sawing without great effort with integrated push-button (on / off); Automatic switching on of the coolant pump when sawing; Functional protection device, closed construction, movable; Fast opening mechanism for optimum safety when cutting; Centrally exciting vice, 4-fold guided with individually adjustable clamping jaws; Saw blade diameter 315 mm; Cutting angle -45 to $+45^\circ$; Feed manually; Cutting capacity: 0° (round) solid material 85 mm, 0° (square) solid material 85 mm, 0° (rectangle) solid material 70x130 mm, $+45^\circ$ (round) solid material 85 mm, $+45^\circ$ (square) solid material 85, $+45^\circ$ (rectangle) solid material 70x90 mm; incl. coolant system and substructure.	pc.	1	Y	
160	SUB_ITEM: Circular	Suitable for item: Circular saw	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	saw blade	HSS; Ø 315 x 2.5 mm; for cutting pipes / profiles with wall thickness: up to 1 mm: aluminum / bronze / copper / brass - up to 1.5 mm: steels up to 1500 N/m2 / stainless steels - up to 2 mm: steels up to 1200 N/m2.				
161	SUB_ITEM: Circular saw blade	Suitable for item: Circular saw HSS; Ø 315 x 2.5 mm; for cutting pipes / profiles with wall thickness: up to 1.5 mm: aluminum / bronze / copper / brass - from 3 mm: steels up to 1800 N/m2; for cutting solid material (cross section): 10-20 mm: aluminum / bronze / copper / brass - 20-40 mm: steels up to 1,800 N/m2 / stainless steels.	pc.	1	Y	
162	SUB_ITEM: Circular saw blade	Suitable for item: Circular saw HSS; Ø 315 x 2.5 mm; for cutting pipes / profiles with wall thickness: from 3 mm: aluminum / bronze / copper / brass; for cutting solid material (cross section): 20- 40 mm: steels up to 1800 N/m2 aluminum / bronze / copper / brass - 40-60 mm: steels up to 1200 N/m2 / stainless steels.	pc.	1	Y	
163	Electric drilling machine	Rated input power 710 W; No-load speed, 1st gear 0 - 1000; No-load speed, 2nd gear 3200rpm; Power output 365 W; Rated speed 500/1750 rpm; Rated torque 6.8/12.5 Nm; Max. torque 39.5/12.5 Nm; Drill spindle connecting thread 1/2"; Drilling range: 20/12mm aluminum, 32/20mm wood, 13/8mm steel; Keyless chuck 13mm; Auxilliary handle; Depth stop 210mm; Voltage 240V	pc.	2	Y	
167	Universal diagnostic OBD II scan tool (English version)	Reliable vehicle identification; complete ECU diagnosis; instant test sequence with easy-to-understand guidance; full test depth and comprehensive diagnosis functions; high market coverage (german cars, asian market cars); always up-to-date with regular software updates via internet. Licence included.	pc.	1	Y	
168	Training stand: - Central electrical system, Climatronic control, Airbag and	Immediately operational and mobile functional model; Data sheets; Circuit diagrams and operating instructions; Training stand can also be operated with a standard vehicle battery; All necessary connection cables with 4mm safety measuring sockets in different colours; English	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	Comfort system -	manual with information on error switching; OBD diagnostic interface; Error switch box; Door control unit driver side; Passenger side door control unit; Electric windows driver side/passenger side; Central locking; Onboard power system control unit; Steering column control apparatus with switch unit; Headlight range adjustment manual; Light switch; Wiper motor; H& main headlights; Rear lights; Brake light switch; Hazard warning switch; Air conditioning control unit; Airbag control unit; Central control unit for comfort system. English manual.				
N/A	N/A	<i>Item 169 not included in this Lot.</i>	N/A	N/A	N/A	N/A
170	Digital multimeter	Universal precision lab multimeter and temperature meter with IR interface for high-quality, universal measurement and testing in educational settings, power plants, process control installations etc. 3 1/4-digit multimeter; resolution: ±3,100 digits Measurement classification CATII-1000V. Voltage and current measuring ranges: 30mV-1000V DC, 3V-1000V AC; 3mA-16A DC; 30mA-10A AC. Resistance ranges: 30ohm-30Mohm. Special functions: °C for temperature measurements using, PT100/1000 thermocouple, continuity and diode testing, automatic range selection and battery shut-off, min./max. and data hold function. Safety fuse for current measurement range up to 300mA. Protection against high currents in the mA range for nominal voltage of 1000V. Display with bar chart and backlighting Includes protective sleeve, measuring leads, 1 x spare fuse, 9V battery, calibration certificate.	pc.	4	Y	
171	Cable cutter	Cable shear, head polished, VDE insulated handles up to 1000V, length: 230mm, for cable diameter = 16 mm, 50 mm ²	pc.	3	Y	
172	Crimping pliers set	With quick-change system (locking pins allow fast and easy changing of the pliers' head), with change head for cross sections, 0.35-1.5 mm ² complete, basic tool included, 1st	pc.	3	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		profile: 0.35 – 0.5 mm ² / 2nd profile: 1.5 mm ² / 3rd profile: 0.5 – 1.0 mm ² , conductor crimp = B-crimp / insulation crimp = O-crimp.				
177	Trim removal assortment	Trim removal kit for installation and removal of car audio/radio, door panels, window trims, clips, fasteners, general automotive interior repairing and restoration. Contents: 40x car retainer clips; 4x Precision hook picks; 6x stereo removal tools; 10x adhesive cable clips; 12x car trim removal tools; 1x trim clip removal pliers; 2x U-shaped removal tools; 2x upholstery fastener removal; 11x auto terminal removal key tool	set	8	Y	
178	Retainer clips assortment	240 pieces plastic retainer clips and fasteners for a wide range of vehicle brands	set	10	Y	
179	Industrial sewing machine, single needle, lockstitch flatbed	Walking foot industrial sewing machine for leather and upholstery; Technical specifications: Max. speed: 2800 (s.p.m.); Stitch length: 0 - 8mm; Stitch type: 301 (Lockstitch); Clearance under the sewing foot: max. 14mm; Hook: Large vertical axis hook & Bobbin case; Lubrication: Manual; Uses needles: 135x17 (DPx17 Sizes 18 x 24) Machine setup (includes): Machine head; Table top; Heavy duty stand; SERVO motor; Thread stand; LED light; English manual; Extra needles, Topstitch foot; Piping foot set; Cording foot; bobbins, and tools	pc.	2	Y	
180	Steel ruler set	Stainless steel ruler set: 20, 30, and 40cm; High accuracy scale, double measuring scale mark; With hole for easy hanging	set	3	Y	
181	Dressmaker's tape	Dual sided measuring tape; Length 150cm	pc.	10	Y	
182	Flexible ruler	Measuring tool for curves; 30 and 60cm; Double -sided cm/inch scale	set	8	Y	
183	Space pen	Writes at any angle, in extreme temperature; Brass and	pc.	10	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		steel construction				
184	Gel pen (set)	No smear, no bleed technology; Rubber grip; Medium point (0.7mm) Ink colour: Black Ink colour: Silver	set	10	Y	
185	Scissors for cutting fabrics and leather	Heavy duty industrial 10.5" scissors for upholstery; Straight blade edge; complete metal workmanship	pc.	10	Y	
186	Multipurpose scissors	Heavy duty multipurpose 10" scissors; Titanium coating forged stainless steel	pc.	8	Y	
187	Seam ripper	Upholstery seam ripper, heavy duty (no plastics)	pc.	8	Y	
188	Electric foam cutter	Industrial hot knife with 15cm straight blade; Output 150W (min); Temperature range 315 - 530°C	pc.	2	Y	
189	Pneumatic stapler gun	Professional stapler gun for 16-gauge 7/16 inch crown staples from 1 - 2 inch inn length; High capacity magazine; Cylinder valve driving mechanism; Including Safety glasses and Hex bar wrench 4mm	pc.	2	Y	
190	SUB_ITEMS: Staples	Suitable for item: Pneumatic stapler gun 16 Gauge by 7/16inch Crown by 1 inch; Galvanised; 5000 per box	set	2	Y	
191	Hand-held office stapler (heavy-duty)	Alloy steel, including 24/6 staples (1000x)	pc.	2	Y	
N/A	N/A	<i>Item 192 not included in this Lot.</i>	N/A	N/A	N/A	N/A
193	Spray gun for glue with pressure regulator	Gun with 1.7mm nozzle; Specifically designed for spraying adhesives; Tank content 600ml; Air pressure 3bar	pc	2	Y	
N/A	N/A	<i>Items 194-195 not included in this Lot.</i>	N/A	N/A	N/A	N/A
196	Air belt sander	Variable speed control; 0.5 Hp; Size 1/2" x 18"	pc.	1	Y	
197	SUB_ITEM: Aluminum oxide sanding belt (1/2x18") assortment	Suitable for item: Air belt sander 4 pcs of each grit: 40/60/80/120/180/240	set	5	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
198	Hog-ring pliers	Professional and sturdy hog-ring pliers with grooved tips and spring compression for easy application of hog-rings	pc.	3	Y	
199	Hog-ring assortment set	Bag of hog-rings (min. 1000 pc.)	set	2	Y	
200	Heat gun	Heat gun 1600 Watts, including wide jet nozzle, reducing nozzle, and sturdy plastic carry case	pc.	1	Y	
<i>N/A</i>	<i>N/A</i>	<i>Items 201-202 not included in this Lot.</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
203	Pin-stripping brush set	4 Brush set with lacquered wooden handle; Sizes No. 1, 2, 4, and 6; Hair length of each brush 1-1/4"	set	6	Y	
204	Beugler pin-striper set	Beugler stripping tool set including: 7 Wheel heads (0.4, 0.8, 1.3, 1.7, 2.3, 2.8, and 3.2mm); Cleaning brush (1.7, 2.3, and 3.2mm); 3x guide arm	set	2	Y	
<i>N/A</i>	<i>N/A</i>	<i>Items 205-207 not included in this Lot.</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
208	Windshield removing tool set	For professional removing of glued car windshields, wire pull system with deflection pully, 150 mm suction discs hand pump provide a firm grip on the windshield, cutting wire reel with 3/8" drive, max suction head capacity: 50kg (per head), to be used with e.g. Window Cutting Wire.	pc.	1	Y	
209	Windshield molding removal tool set	To include: 1x rubber gasket knife; 1x cutting wire; 2x handles; 1x wire feeder tool; 1x trim pad remover; 1x molding release tool	set	2	Y	
210	Window cutting wire-knotted-25m	Flexible, for cutting glued panes, braided from 3 single stainless steel wires, length:25m, thickness:0,9mm	pc.	5	Y	
211	Electric sealant/caulking gun kit	Aluminum barrel, all metal gears; Speed dial settings for optimised flow rate Specifications: Voltage 18V, Battery and charger included; Quick charge (1 hour); For use with sausage sealant and standard-size cartridges	set	1	Y	
212	Windscreen sealant	Polyurethane windscreen sealant, 600g sausage; Free from solvent, isocyanate and PVC; Odourless; Paintable	pc.	10	Y	
213	Double suction cup	For lifting and mounting of windshields, maximum	pc.	2	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	for glass	capacity.80 kgs, suction cup diameter:115mm, toogle lever suction device				
218	Brake-fluid tester	User guidance in 7 languages on the display: D, GB, F, E, NL, P, TR, portable (for everywhere use), to be connected to battery, replaces a stationary installation, boiling point tester – higher testing accuracy in comparison to other testing methods, easy application – in most vehicles, brake fluid remains in its fluid reservoir, time saving – the test can be carried out directly in the fluid reservoir, security for the user – no fluid loss (environmentally sound), approved by vehicle manufacturers, for DOT 3, DOT 4, DOT 5.1 brake fluid, measuring temperature up to 320° C (608° F), operating voltage 12 V.	pc.	1	Y	
219	Tire inflating gauge	Tyre inflating gauge, pressure gauge with rubber protective cap. Pitch 1/10, 40 cm pressure hose, body made of plastic, measuring range 0 - 12 bar, manometer diameter: 63mm. Air connector according to EN ISO 4414.	pc.	1	Y	
220	Feeler gauge steel strip blades	In metal case, measuring range: 0.05 - 1.00 mm, blade length 100mm, 13 blades.	pc.	5	Y	
221	Thread gauge (pitch gauge)	Made of steel, with precision milled teeth, with clamping screws for holding the blades, used for measuring the pitch of external and internal threads, gauge for metric and pipe threads, pitches: 0.25 -6.00 mm/ 11- 28 W, number of blades: 32 pieces.	pc.	1	Y	
222	Vernier caliper for brake disc	High quality hardened and tempered stainless steel caliper, Metric and imperial scale graduation for measuring wear and tear on brake discs.Supplied in PVC wallet required. Specifications: reading accuracy 0.02mm, Range: 0-150mm.	pc.	1	Y	
223	Magnetic dial gauge stand	Sturdy and robust construction, magnetic base with prism support (e.g. for shafts), On / Off switch for magnetic force, dial gauge holder for 4.5 mm and 8 mm shaft, suitable for mechanical and digital dial gauges (dial gauge is not included in delivery), horizontal rod for fine adjustment and	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		articulation.				
224	Mechanical dial gauge	Scale graduation: 0.01 mm, measuring range: 8 mm, 1 needle rotation: 1 mm, rotary and lockable scale, target area can be limited by two needles, clamping shaft: x 8 mm.	pc.	1	Y	
N/A	N/A	<i>Item 225 not included in this Lot.</i>	N/A	N/A	N/A	N/A
226	Oil can	Tin can, capacity: 0.25 liters; with conical form, stable and with an amplified bottom, with a long and pointed tube, abrasion-proofed pump, piston lever and a perforated intermediate bottom.	pc.	2	Y	
N/A	N/A	<i>Item 227 not included in this Lot.</i>	N/A	N/A	N/A	N/A
228	Puller tool set	Puller Set consisting of 9 set of hooks. Set for all current clamping widths and depths. (100- 250mm). Safe tool storage and clear arrangement in plastic case. 12 parts, contents 1 spindle, 1 pc. 2-arm and 1 pc. 3 -arm cross piece, 3 puller hooks of each length: 100, 200, 250 mm	pc.	3	Y	
229	Grease gun	Professional quality, heavy duty spring and plunger assembly, complete with delivery tube and hydraulic connector side lever action. Suitable for grease cartridges, required capacity: 500 cc.	pc.	3	Y	
N/A	N/A	<i>Items 230-231 not included in this Lot.</i>	N/A	N/A	N/A	N/A
232	Ball joint extractor set	Ball joint extractor set for deep-groove ball bearings consisting of 3 extractors (size 1-3)	pc.	2	Y	
234	Dent pulling workstation (Spot welding machine - combo)	Spot welding machine and dent puller; For aluminum and steel; Power supply 230V; Maximum current 3800A (Steel) and 7500A (Aluminum); 3 guns (1 manual steel, 1 auto steel; 1 auto aluminum); Additive kit for aluminum consumables; 3 lifting rods; Extension joints; Gripping multihook; Extension joints; Dent box consumables	set	1	Y	
N/A	N/A	<i>Items 235-242 not included in this Lot.</i>	N/A	N/A	N/A	N/A
243	Universal pulling set	Basic pulling kit for up to 10 toms, pulling of frame rails and sheet metal. Set includes: Chain with hooks; Double hooks; Draw bar;	set	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		100mm orientable clamp; 50mm orientable clamp; Universal pull clamp				
N/A	N/A	Item 244 not included in this Lot.	N/A	N/A	N/A	N/A
245	Body repair kit	Panel beating kit supplied in steel case: Shrinking Flat Face hammer; Straight Pein and Finish Flat Face; Pick and Finishing Flat Face; Panel Beater Pein and Finish Crowned Face; Standard Bumping Flat Face; Standard Bumping Crowned Face; Light Bumping Crowned Face; Rubber Faced Mallet; Grid Toe Dolly; Utility Dolly; Thin Curved Dolly; Round Head Dolly; Heavy Toe Dolly; Heavy Duty Pry Spoon; Pry & Surfacing Spoon; General Purpose Spoon; Surface Spoon; Bumping Tool – Flat; Adjustable Body Blade Holder and 1 x Blade (standard flat cut - 9tpi)	set	4	Y	
246	Straight grinder (Die grinder)	No-load speed 10.000 - 30.000rpm; Rated input/output power 650/380W; Collets up to 8mm diameter; Weight 1.6 kg; Lockable switch; Soft star; Kickback control; Speed selection; Overload protection	pc.	1	Y	
247	Mounted points for straight grinder	Grit 60; Diameter 20mm; Length 26mm, including; 6mm collet	pc.	5	Y	
248	Wire wheel	The Wire Wheel provides a good fine surface finish. Fitted with crimped wire, it is ideal for light-to-medium duty cleaning applications on small surfaces. The Wire Wheel is intended for removing annealing colour on welded seams and is suitable for cleaning work on smaller stainless steel, aluminium or non-ferrous metal surfaces, on edges and in grooves. It is also suitable for removing rust, roughing, mat sanding, texturing and paint stripping. It is intended for use with drills with 6-mm shank. Diameter - 75mm; Wire thickness - 0.30mm; Max Speed - 4500rpm; Brush width - 8mm	pc.	5	Y	
249	Angle grinder	Rated input power - 1,300 W; No-load speed - 11,500 rpm; Power output - 700 W; Grinding spindle thread - M14; Disc diameter - 125 mm; Rubber backing pad, diameter -	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		125 mm; Wire cup brush, diameter - 75 mm; Tool dimensions (length) - 297 mm; Tool dimensions (height) - 103 mm; Weight - 2.3 kg; Switch Lockable Switch; Packaging dimensions (width x length x height) - 350 x 430 x 120 mm; Voltage, electrical - 240 V.				
250	SUB ITEM: Handle	Suitable for item: Angle grinder The Handle is suitable for left- and right-handed operators. It is compatible with all small angle grinders and compact belt sanders with an M10 fitting.	pc.	1	Y	
251	X-Lock Backing pad medium 125 mm	The X-LOCK Backing Pad Medium is ideal for medium grit sanding (P80). It features a rigid multi-rib construction that maximises contact pressure between disc and workpiece, enabling fast work results. The ribs increase contact pressure and allow for a cooling air flow between disc and backing pad. Manufactured from thermostable plastic, it resists high temperatures and breakage. It is suitable for use with X-LOCK angle grinders. Changing backing pads is fast and convenient thanks to the keyless X-LOCK system.	pc.	1	Y	
252	Metal cleaning disc	Size 125mm; Bore diameter 22.23mm;	pc.	10	Y	
253	Metal grinding disc	Size 125mm; Thickness 6.0 mm; Bore diameter 22.23mm.	pc.	10	Y	
254	Metal cutting disc	Size 125mm; X-LOCK Expert for Metal Cutting Discs Thickness 2.5 mm; Bore diameter 22.23mm;	pc.	10	Y	
255	Wire brush (fine) for X-lock angle grinder	The X-LOCK Clean for Metal Cup Brush, Crimped Wire provides an extra-fine surface finish. Fitted with crimped wire for light-to-medium-duty cleaning applications, the wire cup brush is ideal for use on metal. It is suitable for use with X-LOCK angle grinders.	pc.	5	Y	
256	Ceramic fibre disc for X-lock angle grinder	Size 125mm; Bore diameter 22.23mm; Grid 80	set (25)	1	Y	
257	Ceramic fibre disc for X-lock angle grinder	Size 125mm; Bore diameter 22.23mm; Grid 60	set (25)	1	Y	
258	Manual sealant gun	Lightweight, mad of high quality meal; Ergonomic design;	pc.	3	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		For adhesives and sealants; For standard cartridge size of 290 and 310ml				
259	Seam sealer	Sprayable; Skinning time within 15min; Able to be sanded when cured; Paint time wet - wet; Fully cured: 3mm in 24 hours; Permanent elastic; For all types of paint; Protects against mechanical damages and damages by corrosion	pc.	5	Y	
260	Set of vice grip pliers	Constructed of high-grade heat-treated alloy steel for durability. Classic trigger release designed to provide maximum locking force. Hardened teeth are designed to grip from any angle. Set includes 6" and 11" Original Locking Clamps, 10" and 7" straight jaw, 10" and 7" curved jaw, 7" and 5" curved jaw with wire cutter, 6" and 9" long nose with wire cutter Original Locking Pliers, and tray.	pc.	1	Y	
261	Plastic welder	Maximum power: 1600W Air volum: 13.8 m3/h Air pressure: 3000 pa Maximum air flow: 240//min Temperature range: 40 - 600°C Accessories (included): Pressure silicone roller; Heating core; 20mm fla gap nozzle; 8mm tringular welding nozzle; 7mm wide raound welding nozzle	set	1	Y	
262	Plastic welding wire	Plastic welding rod assortment: A - ABS (5 rods 3 x 200mm), PA (5 rods 3 x 200mm), PC (5 rods 3 x 200mm), PP (5 rods 3 x 200mm), PS (5 rods 3 x 200mm), PE (5 rods 3 x 200mm), PP/EPDM, PVC-U (5 rods 3 x 200mm); Colour black, grey and transparent	set	1	Y	
N/A	N/A	<i>Item 263 not included in this Lot.</i>	N/A	N/A	N/A	N/A
264	Hydraulic floor jack	Hydraulic trolley jack: 2 ton, foot descent-control, maximum width: 325mm, weight: 52kg.	pc.	1	Y	
265	Portable hydraulic jack	Hydraulic bottle jack: 2 tons, Closed piston, height: 285mm, piston stroke:165mm, with screw:125mm, weight:18kg.	pc.	2	Y	
N/A	N/A	<i>Items 266-275 not included in this Lot.</i>	N/A	N/A	N/A	N/A
276	Metal cleaner (liquid)	For oil and grease removal; For cleaning bare metal panels	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		before and after sanding; For applying with clean cloth/rag; VOC ready for use: 807 gms/l; 5 litre container				
277	Universal cleaner for plastics (liquid)	For cleaning plastic substrates, e.g. after finish sanding of the primers; For applying with lint-free cloth; VOC ready for use: 794 gms/l; 1 litre container	pc.	5	Y	
278	Wax and Silicone remover	For cleaning the substrates before application of 2K primer surfacers; For claning after finish sanding of the primers; For cleaning with lint-free cloth; VOC ready for use: 779gms/l; 5 litre container	pc.	1	Y	
279	Waterbased Cleaner	Anti-static effect; Reduce dust setting during topcoat application on plastic parts; For cleaning with lint-free cloth; 5 litre	pc.	2	Y	
280	Multi-pupose body filler	Colour: White, 1.5 kg Range of applications: All applications Performance: Fast drying; Suitable on all substrates; Good filling properties; Fast sandable VOC content: 180g/l 2004/42/IIB; (b)(250)180: The EU limit value for this product (product category: IIB b) In rady to use form is max 250 g/l	set	5	Y	
281	SUB_ITEM: Hardener	Suitable for item: Multi-purpose body filler Colour: Red, 50g Application: For multi-purpose body filler	pc.	5	Y	
282	Primer filler	Colour: Grey, 3 litre Applications: Efficient HS primer filler with excellent wet and dry sanding properties Properties: High solids content; Fast drying; Good corrosion protection; Good weathering resistance; Good finish	pc.	5	Y	
283	SUB_ITEM: Hardener	Suitable for item: Primer filler Colour: Clear, 1 litre Application: For Primer filler	pc.	5	Y	
284	Basecoat/Topcoat for commercial	Range of applications: All applications Performance: Suitable for large areas/surfaces; Very good	pc.	5	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	vehicle / White (T002)	appearance and flow; Excellent UV resistance; Fast drying; Excellent surface hardness; Good hiding power VOC content: 419 g/l 2004/42/IIB; (d)(420)419: The EU limit value for this product (product category: IIB d) In rady to use form is max 420 g/l Container: 3.5 litre				
285	Basecoat/Topcoat for commercial vehicle / Red (T330)	Range of applications: All applications Performance: Suitable for large areas/surfaces; Very good appearance and flow; Excellent UV resistance; Fast drying; Excellent surface hardness; Good hiding power VOC content: 419 g/l 2004/42/IIB; (d)(420)419: The EU limit value for this product (product category: IIB d) In rady to use form is max 420 g/l Container: 3.5 litre	pc.	3	Y	
286	Basecoat/Topcoat for commercial vehicle / Blue (T531)	Range of applications: All applications Performance: Suitable for large areas/surfaces; Very good appearance and flow; Excellent UV resistance; Fast drying; Excellent surface hardness; Good hiding power VOC content: 419 g/l 2004/42/IIB; (d)(420)419: The EU limit value for this product (product category: IIB d) In rady to use form is max 420 g/l Container: 3.5 litre	pc.	3	Y	
287	Basecoat/Topcoat for commercial vehicle / Yellow (T150)	Range of applications: All applications Performance: Suitable for large areas/surfaces; Very good appearance and flow; Excellent UV resistance; Fast drying; Excellent surface hardness; Good hiding power VOC content: 419 g/l 2004/42/IIB; (d)(420)419: The EU limit value for this product (product category: IIB d) In rady to use form is max 420 g/l Container: 3.5 litre	pc.	3	Y	
288	Basecoat/Topcoat	Range of applications: All applications Performance:	pc.	3	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	for commercial vehicle / Black (T940)	Suitable for large areas/surfaces; Very good appearance and flow; Excellent UV resistance; Fast drying; Excellent surface hardness; Good hiding power VOC content: 419 g/l 2004/42/IIB; (d)(420)419: The EU limit value for this product (product category: IIB d) In ready to use form is max 420 g/l Container: 3.5 litre				
289	SUB_ITEM: Topcoat Hardener, slow	Suitable for item: Basecoat/Topcoat for commercial vehicle Topcoat hardener slow premium; High temperature; Big areas; 2.5 litres; Application for commercial vehicle topcoat range	pc.	5	Y	
290	Clearcoat	Range of applications: Busses, boxes, metallic coating Performance: Suitable for large areas/surfaces; Good levelling; Excellent UV resistance; Outstanding application characteristics; Excellent gloss level VOC content: 419 g/l 2004/42/IIB; (d)(420)419: The EU limit value for this product (product category: IIB d) In ready to use form is max 420 g/l Container: 5 litre	pc.	5	Y	
291	SUB_ITEM: Hardener	Suitable for item: Clearcoat Colour: Clear, 2.5 litre Application: For Clearcoat	pc.	5	Y	
292	Reducer	Colour: Clear, 2.5 litre	pc.	10	Y	
293	Sandpaper / 180 Grit Dry Wet	9x11 inch; Silicon carbide; Rectangular; Hand-powered, Set of 10 sheets	set	100	Y	
294	Sandpaper / 240 Grit / Dry Wet	9x11 inch; Silicon carbide; Rectangular; Hand-powered, Set of 30 sheets	set	30	Y	
295	Sandpaper / 320 Grit Dry Wet	9x11 inch; Silicon carbide; Rectangular; Hand-powered, Set of 30 sheets	set	30	Y	
296	Sandpaper / 400 Grit Dry Wet	9x11 inch; Silicon carbide; Rectangular; Hand-powered, Set of 30 sheets	set	30	Y	
297	Sandpaper / 600 Grit	9x11 inch; Silicon carbide; Rectangular; Hand-powered,	set	30	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
	Dry Wet	Set of 30 sheets				
298	Sandpaper / 800 Grit Dry Wet	9x11 inch; Silicon carbide; Rectangular; Hand-powered, Set of 30 sheets	set	30	Y	
299	Orbital sander (Pneumatic)	On-hand operation; Designed for water-based paint systems, spray zones, flattening and spot repair; Air pressure 6 - 8 bar; Air consumption (approx.) 300 l/min; Vibration level < 2.5m/s ² ; 5mm sanding diameter, hook & loop tackup; Diameter 150mm with holes	pc.	3	Y	
300	SUB_ITEM: Sanding support pad	Suitable for item: Orbital sander (Pneumatic) Medium 150mm hook and loop; With holes for dust extraction	pc.	3	Y	
301	SUB_ITM: Machine oil	Suitable for item: Orbital sander (Pneumatic) Lubricating oil for orbital sander; 100ml	pc.	1	Y	
302	Vacuum cleaner	Compact and powerful mobile vacuum cleaner for dry and liquid suctioning; Power 1400W; Automatic filter cleaning system; L-certified (filtration rate of >99.9%); Underpressure 270mbar; Noise level 69dB(A); Electric and Pneumatic automatic switch; Automatic start system; Warranty 24 months; Combihose 4m; Container: 20 litre dust & 15 litre water	pc.	1	Y	
303	SUB_ITEM: Fleece dust bag	Suitable for item: Vacuum cleaner	pc.	10	Y	
304	SUB_ITEM: Filter set	Suitable for item: Vacuum cleaner	set	3	Y	
305	Orbital sander (Electrical)	Patented adjustable "Duo" and oscillating circuit setting; Variospeed electronics; Thumbwheel for speed preselection; Turboboost allows for additional power reserves; Removable side handle; Dust-proof ball bearings; Extraction possibility; Multi-hole sanding pad; Sturdy aluminium die cast bearing housing Technical specifications: Diamet of backing pad: 150mm; No-load speed 4200 - 11000rpm; Rated input/output power: 350/180W; Voltage: 240V	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
306	SUB_ITEM: Dust collector cartridge	Suitable for item: Orbital sander (Electrical)	pc.	3	Y	
307	SUB_ITEM: Grinding pad set	Suitable for item: Orbital sander (Electrical) Grain size 100	set	15	Y	
308	SUB_ITEM: Grinding pad set	Suitable for item: Orbital sander (Electrical) Grain size 400; 50 sheets	set	15	Y	
309	SUB_ITEM: Grinding pad set	Suitable for item: Orbital sander (Electrical) Grain size 500; 50 sheets	set	15	Y	
310	Pneumatic polishing machine	For efficient polishing of paint defects; Diameter 70mm; Speed 2500rpm; Air consumption 360 l/min	pc.	2	Y	
311	SUB_ITEM: Foam pad 75mm	Suitable for item: Pneumatic polishing machine Buffing pad for final and extra fine finishing steps for clear coats and removing scratches or swirl marks from previous steps; Qty: 4 per set	set	10	Y	
312	Masking tape	Suitable for waterborne coatings and a resistance up to 130°C for 1 hour; 25mm x 50m	pc.	12	Y	
313	Masking paper	Recycled paper; Grammage: 50g/m ² ; Absorption 22g/m ² ; Strength 2.2 kPa m ² /g; Porosity 150ml/mi; Length 300m; Width 60cm	pc.	1	Y	
314	Masking paper	Recycled paper; Grammage: 50g/m ² ; Absorption 22g/m ² ; Strength 2.2 kPa m ² /g; Porosity 150ml/mi; Length 300m; Width 45cm	pc.	1	Y	
315	Masking paper	Recycled paper; Grammage: 50g/m ² ; Absorption 22g/m ² ; Strength 2.2 kPa m ² /g; Porosity 150ml/mi; Length 300m; Width 28cm	pc.	1	Y	
316	Aprontaper	Mobile unit with two wheels; Capacity: 3 rolls of different sizes (60, 45, and 28cm); Maximum roll width 100cm	pc.	2	Y	
317	Masking film with tape	Thickness 8-9 microm; Paint adhesion; Transparent; HDPE material; 90cm width; 25m length	pc.	2	Y	
318	Masking film dispenser	Size 120 x 54 x 44cm; 2 wheels	pc	1	Y	
319	Viscose sponge	For washing or adding water during any sanding process;	pc.	10	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
		Dimensions 135 x 90 x 34mm				
320	Plastic/Rubber sanding block	Measurement 70 x 139mm	pc.	5	Y	
321	Mixing cups	Mixing cup 650ml, with lid; Transparent, with clear printing; 5 different mixing ratios; With stacking bracket	pc.	100	Y	
322	Stirring stix	Plastic stirring stick for mixing paint, 30 x 3cm	pc.	100	Y	
323	Strainer	Medium fine nylon paint strainer; 150 micron; 125 pieces	set	10	Y	
324	Nitrile gloves	Chemical resistant gloves, resistant to solvents (in the thinner container, lubricants, acids, oil and grease; length 330mm	pair	50	Y	
325	Dust respirator	With exhalation valve; FFP3 protection; Pre-formed and elastic support; equipped with nano filtration	pc.	100	Y	
326	Plastic spreader	Flexible and sturdy plastic spreader, size 120 x 90mm	set (5)	50	Y	
327	Paint waste container	Fully stainless steel; Simple operation; Ability to place 60 litre cans (drums); Separate room for dilution containing products as well as water base products; Sturdy construction; Large grid size for all cans; Pneumatic locking mechanism; Air pressure: 4 - 8 bar; Air consumption: 1 - 1.5 l/m; Funnel: 38x40x50cm; Exhaust volume: 100m ³ /h; Extraction 80mm diameter; Working height 120cm; CE certification: X Cat III3 G c IIBT4; ATX: according to European directive 95 and 137	pc.	1	Y	
328	Spray overall (Medium)	Spray overall, reusable and washable; With hood and back pocket; 100% lint-free, anti-static, flame retardant; Medium size (46 - 48)	pc.	25	Y	
329	Spray overall (Large)	Spray overall, reusable and washable; With hood and back pocket; 100% lint-free, anti-static, flame retardant; Large size (50 - 52)	pc.	25	Y	
330	Shoe cover	CPE Shoe covers, universal; Qty: 100 per set	set	5	Y	
331	Direct vent safety goggle	Clear polycarbonate safety lens with direct ventilation in goggle frame	pc.	25	Y	
332	Air hose	9mm, 10m length, with quick coupling red and nipple	pc.	1	Y	

Technical Specifications		Lot 3: Automotive Body Building and Repair				
Item No.	Item Name	Specifications	Unit	Quantity	Major Item (Yes / No)	Statement of Compliance (Bidder's Offered Item & Specification)
N/A	N/A	<i>Items 333-338-6 not included in this Lot.</i>	N/A	N/A	N/A	N/A
339	Spray gun	Gun with RPS multi-purpose cup 0.3 l / 6 l / 0.9 l (each 1x) without swivel joint; Inlet pressure: 22 psi – 29 psi; Air consumption at 29 psi: 10.2 cfm Spray distance: 17 cm – 21 cm	pc.	3	Y	
N/A	N/A	<i>Item 340 not included in this Lot.</i>	N/A	N/A	N/A	N/A
341	Protective goggle (Spray painting)	The goggles should primarily provide protection against impact & optical radiation and splashes. Should weigh approx. 1.8 ozs. Should have ellipsoidal lens that extends the viewing range further, even peripherally. Should not be bulky and should have a contoured, low profile design	pc.	10	Y	
N/A	N/A	<i>Items 342-371 not included in this Lot.</i>	N/A	N/A	N/A	N/A
372	Aluminium Composite Panel (ACP)	High quality ACP panels with CE certification; EN13501 and BS476 compliant; For exterior use; Panel size: 2440 x 1250 x 4mm; Colours: Brown, Grey, White or Black	pc.	10	Y	
373	Laminate board	High pressure laminate; Commercial grade (AC5); Postforming; Durable and wear-resistant; Impact resistant; Sheet size: 2440 x 1250 x 12mm; Colours: Brown, Grey, White or Black	pc.	10	Y	
374	Platform lining	100% Cotton platform cloth; Flame retardant to BS5852; Colour: Black; Size: 50 x 1.52m	pc.	2	Y	
375	Faux leather	Faux leather upholstery fabric; Environmental friendly material; Wear-, scratch-, and moisture resistant; Waterproof; Thickness 0.5mm; Colour: Black; Size: 50 x 1.50m	pc.	2	Y	
376	Leather cleaner/conditioner	For use on car seats and interiors; PH balanced; Colourless and odourless; 500ml	pc.	5	Y	

4. Drawings

These Bidding Documents include **no** drawings.

5. Inspections and Tests

The following inspections and tests shall be performed:

(i) The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Specifications. The Special Conditions of Contract and/or the Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing of the identity of any representatives retained for these purposes.

(ii) The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and at the Goods' final destination. Where conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

(iii) Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject them, and the Supplier shall either replace the rejected Goods or make all alterations necessary to meet the requirements of the Specifications, free of cost to the Purchaser.

(iv) The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Purchaser's country shall in no way be limited or waived by reason of the Goods' having previously been inspected, tested and passed by the Purchaser or its representatives prior to the Goods' shipment from the country of origin.

(v) Nothing in this Clause shall in any way release the Supplier from any Warranty or other obligations under the Contract.

6. Distribution of Goods

The Goods shall be distributed to the following recipients and destinations:

List of Recipients			
Recipient			
No.	Official Name	Address & Communication	Contact Person
1	Nairobi Technical Training Institute (NTTI)	P.O. BOX 30039 00100 GPO, NAIROBI KENYA	Persons to be specified at time of contract.
2	Thika Technical Training Institute (TTTI)	P.O BOX 91 01000 THIKA KENYA	Persons to be specified at time of contract.

Distribution List:

Lot	Lot Name	Recipient 1	Recipient 2
1	Technical Automotive Equipment and related accessories	Complete Lot	-
2	Training Systems for Automotive Mechatronics	Complete Lot	-
3	Automotive Body Building and Repair	-	Complete Lot

PART 3 - Contract

Section VIII. General Conditions of Contract

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Section VIII. General Conditions of Contract¹

1. **Definitions**
- 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (a) “KfW” means the KfW Entwicklungsbank;
 - (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein;
 - (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto;
 - (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract;
 - (e) “Day” means calendar day;
 - (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract;
 - (g) “GC” means the General Conditions of Contract;
 - (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract;
 - (i) “Purchaser’s Country” is the country **specified in the Particular Conditions of Contract (PC)**;
 - (j) “Purchaser” means the entity purchasing the Goods and Related Services, as **specified in the PC**;
 - (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract;
 - (l) “PC” means the Particular Conditions of Contract;
 - (m) “Subcontractor” means any natural person, private or state entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier;
 - (n) “Supplier” means the natural person, private or state entity, or a combination of the above, whose bid to perform the Contract has been accepted by the

¹ [Text in this Section shall not be modified.]

Purchaser and is named as such in the Contract Agreement;

- (o) "The Named Place of Destination"/"Project Site," where applicable, means the place(s) **named in the PC**.

- 2. Contract Documents** 2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
- 3. Fraud and Corruption** 3.1 The KfW requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Appendix 1 to the PC.
- 4. Interpretation** 4.1 If the context so requires it, singular means plural and vice versa.
- 4.2 Incoterms
- (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms;
- (b) The terms CIP and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms **specified in the PC** and published by the International Chamber of Commerce in Paris, France.
- 4.3 Entire Agreement
- The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.
- 4.4 Amendment
- No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.
- 4.5 Nonwaiver
- (a) Subject to GC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract;

- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language **specified in the PC**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser. The designated party to act as lead firm with full authority shall be **specified in the PC**.

7. Eligibility

7.1 All Goods and Related Services to be supplied under the Contract and financed by the KfW shall have their origin in any eligible source as **specified in the PC**. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address **specified in the PC**. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser's Country, unless

otherwise **specified in the PC.**

- | | | |
|---|----|---|
| 10. Settlement Disputes | of | <p>10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.</p> <p>10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the PC.</p> <p>10.3 Notwithstanding any reference to arbitration herein,</p> <p style="padding-left: 40px;">(a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and</p> <p style="padding-left: 40px;">(b) The Purchaser shall pay the Supplier any monies due the Supplier.</p> |
| 11. Inspections and Audit by the KfW | | <p>11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep accurate and systematic accounts and records, in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.</p> <p>11.2 The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the KfW and/or persons appointed by the KfW to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the KfW if requested by the KfW.</p> |
| 12. Scope of Supply | | <p>12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.</p> |
| 13. Delivery and Documents | | <p>13.1 Subject to GC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the PC.</p> |
| 14. Supplier's Responsibilities | | <p>14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GC Clause 12, and the Delivery and Completion Schedule, as per GC Clause 13.</p> |

- 15. Contract Price** 15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments **authorized in the PC**.
- 16. Terms of Payment and Reimbursement** 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as **specified in the PC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
- 16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.
- 16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period **set forth in the PC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate **shown in the PC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.
- 16.6 In the event of any reimbursement, guarantee or similar claimable payments and any insurance payments under this Contract, payment shall be effected as **specified in the PC**.
- 17. Taxes and Duties** 17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.
- 17.2 For goods manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
- 17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country as **specified in the PC**, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
- 18. Performance Security** 18.1 The Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount **specified in the PC**.
- 18.2 The proceeds of the Performance Security shall be payable

to the Purchaser pursuant to GC 16.6 (reimbursement) as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 The Performance Security shall be denominated in the currency(ies) of the Contract, and shall be in one of the format **stipulated by the Purchaser in the PC**, or in another format acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless **specified otherwise in the PC**.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

20. Confidential Information

20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GC Clause 20.

20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

- (a) The Purchaser or Supplier need to share with the KfW or other institutions participating in the financing of the Contract;
- (b) Now or hereafter enters the public domain through no fault of that party;
- (c) Can be proven to have been possessed by that party at

the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

- (d) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GC Clauses 3 and 7.

22. Specifications, Standards and Spare Parts

22.1 Technical Specifications and Drawings

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VII, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GC Clause 33.

22.2 Spare Parts

- (a) The Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and consumable spares. Other spare parts and components shall be supplied as promptly as possible but in any case within the number of days **specified in the PC** of placement of order.
- (b) The Supplier shall be for a period of years **specified in**

the PC from the date of delivery and commissioning under obligation to supply spare parts. However, the Supplier shall, in the event of termination of production of the spare parts:

- (i) Send an advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
- (ii) Furnish, following such termination, at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if and when requested.

- 23. Packing and Documents** 23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their named place of destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' named place of destination and the absence of heavy handling facilities at all points in transit.
- 23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, **specified in the PC**, and in any other instructions ordered by the Purchaser.
- 24. Insurance** 24.1 Unless otherwise **specified in the PC**, the Goods supplied under the Contract shall be fully insured - in the currency(ies) of the Contract from an eligible country - against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner **specified in the PC**.
- 25. Transportation** 25.1 Unless otherwise **specified in the PC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in PC**:
- (a) Performance or supervision of on-site assembly and/or start-up of the supplied Goods;
 - (b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
 - (d) Performance or supervision or maintenance and/or repair of

the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

- (e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

26. Inspections and Tests

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are **specified in the PC**.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, and/or at the Goods' named place of destination, or in another place in the Purchaser's Country as **specified in the PC**. Subject to GC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

26.6 The Supplier shall provide the Purchaser with a report of the

results of any such test and/or inspection.

26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GC Sub-Clause 26.4.

26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

27.1 Except as provided under GC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage **specified in the PC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage **specified in those PC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GC Clause 35.

28. Warranty

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of named place of destination.

28.3 Unless otherwise **specified in the PC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the named place of destination **indicated in the PC**, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the

Supplier to inspect such defects.

28.5 Upon receipt of such notice, the Supplier shall, within the period **specified in the PC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **PC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

29.1 The Supplier shall, subject to the Purchaser's compliance with GC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (b) The sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the

Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

- 30. Limitation of Liability**
- 30.1 Except in cases of criminal negligence or willful misconduct,
- (a) The Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and
 - (b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement
- 31. Change in Laws and Regulations**
- 31.1 Unless otherwise specified in the Contract, if after the date of twenty-eight (28) days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GC Clause 15.
- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is

the result of an event of Force Majeure.

32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

**33. Change Orders
and Contract
Amendments**

33.1 The Purchaser may at any time order the Supplier through notice in accordance GC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

- (a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
- (b) The method of shipment or packing;
- (c) The place of delivery; and
- (d) The Related Services to be provided by the Supplier.

33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

**34. Extensions
of Time**

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GC Clause 13, the Supplier

shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GC Clause 27, unless an extension of time is agreed upon, pursuant to GC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
 - (i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GC Clause 34;
 - (ii) If the Supplier fails to perform any other obligation under the Contract; or
 - (iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GC Clause 3, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

35.3 Termination for Convenience

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time

for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective;

- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (i) To have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

**37. Export
Restriction**

37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Purchaser and of the KfW that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Purchaser's convenience pursuant to Sub-Clause 35.3.

Section IX. Particular Conditions of Contract

The following Particular Conditions of Contract (PC) shall supplement and / or amend the General Conditions of Contract (GC). Whenever there is a conflict, the provisions herein shall prevail over those in the GC.

GC 1.1(i)	The Purchaser's country is: Kenya
GC 1.1(j)	The Purchaser is: Ministry of Education, State Department of Vocational and Technical Training, Government of Kenya
GC 1.1 (o)	The Named Place of Destination(s) is/are: - CIP Nairobi Technical Training Institute (NTTI) - CIP Thika Technical Training Institute (TTTI) The Project Site(s) is/are: according to Bidding Document Section VII. Schedule of Requirements, 6. Distribution of Goods.
GC 4.2	The version edition of Incoterms shall be Incoterms 2010. However, the definition of the place and date associated with "delivery" is modified as follows: (a) Under "CIP" Incoterms defines "delivery" as the place and date where risk transfers from the seller to the buyer. (b) In these Bidding Documents, when using "CIP" and not referring to the transfer of risk, the term "delivery" shall be interpreted as the date and place where the Goods and Related Services arrive at the named place of destination, and this date shall be reflected in the Delivery and Completion Schedule.
GC 5.1	The governing and communication language shall be English.
GC 6.1	The designated party to act as lead firm with full authority is: <i>[Insert complete legal name of the lead firm]</i>
GC 7.1	Goods and services from countries under embargo from Germany, the European Union or the United Nations are not eligible. Goods and services from countries which are legally barred in the country of the contracting agency.

<p>GC 8.1</p>	<p>For notices, the Purchaser's address shall be: Attention: <i>[Insert full name of person, if applicable]</i> Street Address: Ministry of Education, State Department of Vocational and Technical Training, Jogoo House B, Harambee Avenue City: P.O.BOX 9583 00200 Nairobi Country: Kenya Telephone: <i>[Include telephone number, including country and city codes]</i> Electronic mail address: <i>[Insert e-mail address, if applicable]</i></p> <p>For notices, the Supplier's address shall be: Attention: <i>[Insert full name of person, if applicable]</i> Street Address: <i>[Insert street address and number]</i> City: <i>[Insert name of city or town]</i> ZIP Code: <i>[Insert postal ZIP code, if applicable]</i> Country: <i>[Insert name of country]</i> Telephone: <i>[Include telephone number, including country and city codes]</i> Electronic mail address: <i>[Insert e-mail address, if applicable]</i></p>
<p>GC 9.1</p>	<p>The governing law shall be the law of: Government of the Republic of Kenya</p>
<p>GC 10.2</p>	<p>The rules of procedure for arbitration proceedings pursuant to GC Clause 10.2 shall be as follows:</p> <p><i>"Clause 10.2 (a) shall be retained in the case of a Contract with a foreign Supplier and clause 10.2 (b) shall be retained in the case of a Contract with a national of the Purchaser's country."</i></p> <p>(a) Contract with foreign Supplier:</p> <p>GC 10.2—Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.</p> <p>(b) Contracts with Supplier national of the Purchaser's country:</p> <p>In the case of a dispute between the Purchaser and a Supplier who is a national of the Purchaser's country, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.</p>
<p>GC 13.1</p>	<p>For Goods supplied from abroad:</p> <p>Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by cable or by electronic way previously agreed between the parties the full details of the shipment, including contract number, description of Goods, quantity, the mode of transport, the bill of lading number and date, place of loading, date of shipment, place of discharge, etc. The Supplier shall mail the following documents to the Purchaser,</p>

	<p>with a copy to the Insurance Company:</p> <ul style="list-style-type: none"> (i) Original and three (3) copies of the Supplier's invoice¹ showing Goods' and Related Services' description, quantity, unit price, total amount, number of packages, names of the exporter and the consignee; Goods and Related Services must be carefully described (accurate, specific, and complete description of merchandise); (ii) Original negotiable and two (2) non-negotiable copies (stamped and dated according to the original) of the clean, on-board bill of lading marked "freight prepaid" or equivalent (air waybill, road waybill, FCR, CMR), showing gross and net weights, volume of measurement, marks and identification, name and address of importer of consignee; (iii) Original and three (3) copies of the packing list identifying contents of each package; packing and weighing list shall describe accurately and in detail the contents of each package / case included in the shipment and give the net and gross weights; (iv) Original insurance certificate; (v) Original Manufacturer's or Supplier's warranty certificate; (vi) Original inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; (vii) Certified certificate of origin: original and two (2) copies; origin to be certified by the Chamber of Commerce in the supplier's country; and (viii) Any other document that may be required in specific cases. <p>The above documents shall be received by the Purchaser at least one week before arrival of the Goods at the place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.</p> <p>For Goods from within the Purchaser's country:</p> <p>Upon delivery of the Goods EXW or to the transporter, the Supplier shall notify the Purchaser and submit the following documents to the Purchaser:</p> <ul style="list-style-type: none"> (i) Original and three (3) copies of the Supplier's invoice showing Goods' and Related Services' description, quantity, unit price, and total amount; (ii) Original delivery note, railway receipt, or truck receipt; (iii) Original insurance certificate; (iv) Original Manufacturer's or Supplier's warranty certificate; (v) Original inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; (vi) Certified certificate of origin: original and two (2) copies; origin to be certified by the Chamber of Commerce in the supplier's country; and (vii) Any other document that may be required in specific cases.
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¹ If required for due process (e.g. customs clearance in the Purchaser's country), the invoice can be split into two invoices, one showing CIP values and the other local services (inland transportation, installation, training, etc.).

	The above documents shall be received by the Purchaser before shipping of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GC 15.1	<p>The prices charged for the Goods supplied and the related Services performed shall not be adjustable.</p> <p>If prices are adjustable, the following method shall be used to calculate the price adjustment: not applicable.</p>
GC 16.1	<p>GC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>Methods of Payment:</p> <p>Payments shall be made using the KfW's Simplified Direct Disbursement procedure.</p> <p>Payment for Goods supplied from abroad:</p> <p>Payment of foreign currency portion shall be made in Euro (EUR) in the following manner:</p> <p>(i) Advance Payment² (optional): Ten (10) percent of the Contract Price shall be paid through the payment method stipulated above within sixty (60) days of signing of the Contract by both parties, against submission of a satisfactory Performance Guarantee, and upon submission of a claim and a satisfactory Advance Payment Guarantee for equivalent amount valid until the Goods are delivered to the final destination(s); guarantees shall be in the form provided in the bidding documents;</p> <p>(ii) On Delivery: Eighty (80) percent of the Contract Price of the Goods delivered and Related Services provided shall be paid through the payment method stipulated above within sixty (60) days from inspection of the Goods by the Purchaser (typically done after release of the goods from customs), upon (i) submission of documents specified in GC Clause 13, (ii) presentation of the Purchaser's inspection certificate, and (iii) subject to a satisfactory Performance Guarantee; together with this payment the Advance Payment Guarantee shall be released; and</p> <p>(iii) On Acceptance: Ten (10) percent of the Contract Price of Goods and Related Services received shall be paid through the payment method stipulated above within sixty (60) days of receipt of the Goods and completion of the Related Services at the final destination(s) upon submission of claim supported by the provisional acceptance certificate issued by the Purchaser [which shall be issued by the Purchaser within fifteen(15) days from the successful distribution/installation/commission/training (whichever is the latter)], and subject to a satisfactory Performance Guarantee covering the warranty period.</p> <p>Payment for Goods and Services supplied from within the</p>

² For off-the-shelf items with short EXW/CIP delivery time, this payment will be made together with the payment described in (ii); this also applies to smaller value contracts were the Supplier does not wish to receive an advance payment.

	<p>Purchaser's country:</p> <p>Payment for Goods and Services supplied from within the Purchaser's country shall be made in EUR, as follows:</p> <p>(i) Advance Payment² (optional): Ten (10) percent of the Contract Price shall be paid through the payment method stipulated above within sixty (60) days of signing of the Contract by both parties, against submission of a satisfactory Performance Guarantee, and upon submission of a claim and a satisfactory Advance Payment Guarantee for equivalent amount valid until the Goods are delivered to the final destination(s); guarantees shall be in the form provided in the bidding documents;</p> <p>(ii) On Delivery: Eighty (80) percent of the Contract Price of the Goods delivered and Related Services provided shall be paid through the payment method stipulated above within sixty (60) days from provisional acceptance of the Goods by the Purchaser [typically done after delivery to and installation/commissioning/training at the final destination(s)], upon (i) submission of documents specified in GC Clause 13, (ii) presentation of the Purchaser's provisional acceptance certificate [which shall be issued by the Purchaser within fifteen(15) days from the successful distribution/installation/commission/training (whichever is the latter)], and (iii) subject to a satisfactory Performance Guarantee; together with this payment the Advance Payment Guarantee shall be released;</p> <p>(iii) On Final Acceptance: The remaining ten (10) percent of the Contract Price shall be paid to the Supplier within sixty (60) days from the date of the final acceptance certificate (typically issued after completion of the warranty period) for the respective delivery issued by the Purchaser; subject to a satisfactory Performance Guarantee covering the full warranty period, this payment shall be made together with (ii) above.</p>
GC 16.1	<p>Payment to the Supplier of the amounts due in each currency shall be made into the following bank accounts:</p> <p><i>[Insert bank account details at the time of contract signing]</i></p>
GC 16.5	<p>GC 16.5 does not apply to this Contract, and no interest payments will be made.</p>
GC 16.6	<p>Reimbursement payments shall be made to KfW to the following bank account:</p> <p>Account holder: KfW Entwicklungsbank Account number: 38 000 000 00 Branch code (BLZ): 500 204 00 Account number (IBAN): DE53 5002 0400 3800 0000 00 SWIFT/BIC: KFWIDEFF</p> <p>Payment to be made for the account of the Ministry of Education of Kenya, for BMZ No. 2016 67 211.</p>
GC 17.3	<p>The following taxes, duties and fees exemptions apply to the Contract:</p>

	The Project shall be exempt from indirect taxes, such as import duties, VAT and other public charges in accordance with the Kenyan law. The Project is awaiting tax exemption certificate.
GC 18.1	The amount of the Performance Security shall be: Ten (10) percent of the Contract Price.
GC 18.3	The Performance Security shall be in the form of: A Performance Bond, issued by a reputable bank acceptable to the Purchaser, and in the format provided in the bidding documents. The Performance security shall be denominated in the currencies of payment of the Contract, in accordance with their portions of the Contract Price.
GC 18.4	Discharge of the Performance Security shall take place: according to sub clause GC 18.4: The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations
GC 22.2(a)	The number of days shall be: Fifteen (15) days from dispatch
GC 22.2 (b)	The number of years shall be: Five (5) years
GC 23.2	The packing, marking and documentation within and outside the packages shall be: Ministry of Education of Kenya Contract No.: ICB-02/MOE-VTT/TVET/KfW 2016 67 211/002/2021-2022 Government of the Republic of Kenya
GC 24.1	The insurance coverage shall be as follows: Up to Kenya (final destination/s) in an amount equal to 110% of the Contract Price (CIP/EXW value plus all required local services) from "warehouse to warehouse" on "All Risks" basis including War Risks and Strike Clauses. The Institute War Clauses do not apply for land transport (rail or road). Any payments of the insurer are to be made to KfW for the account of Ministry of Education of Kenya to the extent that the risk has already come to lie with the Purchaser. The insurance certificate/policy must include the following Clause: "In the event of any claim under this insurance policy, payment shall be effected to KfW, Frankfurt am Main (BIC: KFWIDEFF, BLZ/Branch Code 500 204 00), Account No. 38 000 000 00 (IBAN: DE53 5002 0400 3800 0000 00) for account of Ministry of Education of Kenya, for BMZ No. 2016 67 211 ".
GC 25.1	Responsibility for transportations shall be as follows: The Supplier is required under the Contract to ship the Goods CIP

	point of entry / point of customs clearance (enter place) and after completion of customs clearance by the Purchaser to transport the Goods to a specified named place of destination within the Purchaser's country, defined as the Project Site; transport to such named place of destination in the Purchaser's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
GC 25.2	Incidental services to be provided are: the selected services according to Bid Documents Section VII. Schedule of Requirements, included in the Contract Price.
GC 26.1	The inspections and tests shall be: as specified in Bid Documents Section VII. Schedule of Requirements.
GC 26.2	The Inspections and tests shall be conducted at: the premises of the Supplier or its subcontractor(s), at point of delivery and at the Goods' final destination.
GC 27.1	The liquidated damage shall be: 0.5% per calendar week of the contract price.
GC 27.1	The maximum amount of liquidated damages shall be: 10% of the contract price.
GC 28.3	The period of validity of the Warranty shall be: as per GC 28.3 (warranty shall remain valid for twelve (12) months after delivery of the Goods). For purposes of the Warranty, the named place(s) of destination(s) shall be: according to Bid Document Section VII. Schedule of Requirements 6. Distribution of Goods.
GC 28.5 and GC 28.6	The period for repair or replacement shall be: 30 days.

Attachment 1 to Particular Conditions of Contract

KfW Policy – Sanctionable Practice – Social and Environmental Responsibility

1) Sanctionable Practice

The PEA and the Contractors (including all members of a Joint Venture and proposed or engaged Subcontractors) must observe the highest standard of ethics during the Tender Process and performance of the Contract.

By signing the Declaration of Undertaking the Contractors declare that (i) they did not and will not engage in any Sanctionable Practice likely to influence the Tender Process and the corresponding Award of Contract to the PEA's detriment, and that (ii) in case of being awarded a Contract they will not engage in any Sanctionable Practice.

Moreover, KfW requires to include in the Contracts a provision pursuant to which Contractors must permit KfW and in case of financing by the European Union also to European institutions having competence under European law to inspect the respective accounts, records and documents relating to the Tender Process and the performance of the Contract, and to have them audited by auditors appointed by KfW.

KfW reserves the right to take any action it deems appropriate to check that these ethics rules are observed and reserves, in particular, the rights to:

- (a) reject an Offer for Award of Contract if during the Tender Process the Bidder who is recommended for the Award of Contract has engaged in Sanctionable Practice, directly or by means of an agent in view of being awarded the Contract;
- (b) declare misprocurement and exercise its rights on the ground of the Funding Agreement with the PEA relating to suspension of disbursements, early repayment and termination if, at any time, the PEA, Contractors or their legal representatives or Subcontractors have engaged in Sanctionable Practice during the Tender Process or performance of the Contract without the PEA having taken appropriate action in due time satisfactory to KfW to remedy the situation, including by failing to inform KfW at the time they knew of such practices.

KfW defines, for the purposes of this provision, the terms set forth below as follows:

Coercive Practice	The impairing or harming, or threatening to impair or harm, directly or indirectly, any person or the property of the person with a view to influencing improperly the actions of a person.
Collusive Practice	An arrangement between two or more persons designed to achieve an improper purpose, including influencing improperly the actions of another person.
Corrupt Practice	The promising, offering, giving, making, insisting on, receiving, accepting or soliciting, directly or indirectly, of any illegal payment or undue advantage of any nature, to or by any person, with the intention of influencing the actions of any person or causing any person to refrain from any action.

- Fraudulent Practice** Any action or omission, including misrepresentation that knowingly or recklessly misleads, or attempts to mislead, a person to obtain a financial benefit or to avoid an obligation.
- Obstructive Practice** Means (i) deliberately destroying, falsifying, altering or concealing evidence material to the investigation or the making of false statements to investigators, in order to materially impede an official investigation into allegations of a Corrupt Practice, Fraudulent Practice, Coercive Practice or Collusive Practice, or threatening, harassing or intimidating any Person to prevent them from disclosing their knowledge of matters relevant to the investigation or from pursuing the investigation, or (ii) any act intended to materially impede the exercise of KfW's access to contractually required information in connection with an official investigation into allegations of a Corrupt Practice, Fraudulent Practice, Coercive Practice or Collusive Practice.
- Sanctionable Practice** Any Coercive Practice, Collusive Practice, Corrupt Practice, Fraudulent Practice or Obstructive Practice (as such terms are defined herein) which is unlawful under the Financing Agreement.

2) Social and Environmental Responsibility

Projects financed in whole or partly in the framework of Financial Cooperation have to ensure compliance with international Environmental, Social, Health and Safety (ESHS) standards (including issues of sexual exploitation and abuse and gender based violence) Contractors in KfW-financed projects shall consequently undertake in the respective Contracts to:

- (a) comply with and ensure that all their Subcontractors and major suppliers, i.e. for major supply items comply with international environmental and labour standards, consistent with applicable law and regulations in the country of implementation of the respective Contract and the fundamental conventions of the International Labour Organisation³ (ILO) and international environmental treaties and;
- (b) implement any environmental and social risks mitigation measures, as identified in the environmental and social impact assessment (ESIA) and further detailed in the environmental and social management plan (ESMP) as far as these measures are relevant to the Contract and implement measures for the prevention of sexual exploitation and abuse and gender-based violence..

³ In case ILO conventions have not been fully ratified or implemented in the Employer's country the Applicant/Bidder/Contractor shall, to the satisfaction of the Employer and KfW, propose and implement appropriate measures in the spirit of the said ILO conventions with respect to a) workers grievances on working conditions and terms of employment, b) child labour, c) forced labour, d) worker's organisations and e) non-discrimination.

Attachment: Price Adjustment Formula¹

Not applicable.

¹ Delete if no price adjustment is permitted in GC 15.1.

Section X. Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contract award.

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Letter of Acceptance

[Use letterhead paper of the Purchaser]

[Insert date]

To: *[Insert name and address of the Supplier]*

Subject: **Notification of Award Contract No. *[Insert contract number]***

This is to notify you that your Bid dated *[Insert date]* for execution of the *[Insert name of the contract and identification number, as given in the PC]* for the Accepted Contract Amount of *[Insert contract price in numbers and words including code and name of currency]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by the undersigned Purchaser.

You are requested to furnish the Performance Security within twenty-eight (28) days in accordance with the Conditions of Contract, using for that purpose the Performance Security Form included in Section X, Contract Forms, of the Bidding Documents.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Institution: _____

Attachment: Contract Agreement¹

¹ If the Purchaser cannot send the contract agreement together with the letter of acceptance, it must be sent electronically to the Supplier within a reasonable period of time not exceeding ten days; for the purpose of issuing the required Performance Guarantee, the supplier must be advised of the Contract date.

Contract Agreement

THIS AGREEMENT made

the *[Insert number]* day of *[Insert: month]*, *[Insert: year]*.

BETWEEN

- (1) *[Insert complete name of Purchaser]*, a/an *[Insert description of type of legal entity, for example, an agency of the Ministry of of the State of {Insert name of Country of Purchaser}, or corporation incorporated under the laws of {Insert name of Country of Purchaser}]* and having its principal place of business at *[Insert address of Purchaser]* (hereinafter called "the Purchaser"), and
- (2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[Insert: country of Supplier]* and having its principal place of business at *[Insert address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[Insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[Insert Contract Price in words and figures, expressed in the Contract currency(ies)]* (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 respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
 - (a) The Letter of Acceptance;
 - (b) The Bid Submission Form and Appendix to Bid Submission Form (including the signed Declaration of Undertaking);
 - (c) The Addenda Nos. _____ (if any);
 - (d) Particular Conditions of Contract, including Annex 1;
 - (e) General Conditions of Contract;
 - (f) The Specification (including Schedule of Requirements and Technical Specifications);
 - (g) The completed Bidding Forms (including Price Schedules); and
 - (h) Any other document listed in GC as forming part of the Contract.
3. 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 Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of 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 *[Insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser²:

Signed: *[Insert signature]*

In the capacity of *[Insert title or other appropriate designation]*

In the presence of *[Insert identification of official witness]*

For and on behalf of the Supplier:

Signed: *[Insert signature of authorized representative(s) of the Supplier]*

In the capacity of *[Insert title or other appropriate designation]*

In the presence of *[Insert identification of official witness]*

² In cases where the Purchaser is different from the Beneficiaries of the Contract, it may be advisable to have authorized representatives from the Beneficiary Institutions sign as witnesses, accepting the Goods to be supplied.

[Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.]

Performance Security

Beneficiary: *[Insert name and Address of Purchaser]*

Date: *[Insert date of issue]*

PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *[Insert name and address of supplier, which in the case of a joint venture shall be the name and address of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[Insert reference number of the contract]* dated *[Insert contract date]* with the Beneficiary, for the supply of *[Insert object of the contract and brief description of Goods and related Services]* (hereinafter called "the Contract"). Furthermore we understand that, according to the conditions of the Contract, a performance guarantee is required for *[Insert percentage in words and figures]* % of the contract price.

Waiving all objections and defences, we, as Guarantor, hereby irrevocably and independently undertake to pay the Beneficiary, any sum or sums not exceeding in total an amount of *[Insert guarantee amount and currency in words and figures]*³ upon receipt by us of the Beneficiary's first demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for the demand or the sum specified therein.

[For guarantees issued in foreign currency insert the following:

In the event of any claim under this guarantee, payment shall be effected to KfW, Frankfurt am Main (BIC: KFWIDEFF, BLZ 500 204 00), account no. 38 000 000 00 (IBAN: DE53 5002 0400 3800 0000 00), for the account of *[Insert name of the Purchaser and the Purchaser's country]*.

[For guarantees issued in local currency insert the following:

In the event of any claim under this guarantee, payment shall be effected to *[Insert the account on which payments are to be made]*, for the account of *[Insert name of the Purchaser and the Purchaser's country]*.

This guarantee shall expire not later than *[Insert expiry date]*⁴.

By this date we must have received any claims for payment by letter or encoded telecommunication.

It is understood that you will return this guarantee to us on expiry or after payment of the total amount to be claimed hereunder.

³ This guarantee shall be issued in the contract currency only.

⁴ Pursuant to GC Clause 18.4 the guarantee shall be valid for at least 28 days from the date of contractual contract completion (including warranty obligations).

[As preferred option regarding guarantee rules insert⁵: This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.]

Place, date

Guarantor's authorized signature(s)

⁵ In the case the issuing bank will not add the preferred option, the following must be added instead: This guarantee is governed by the laws of *[Insert country of jurisdiction]*. Note: the country of jurisdiction shall be the country where the bank's branch issuing the guarantee is physically located.

[Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.]

Advance Payment Security

Beneficiary: *[Insert name and Address of Purchaser]*

Date: *[Insert date of issue]*

ADVANCE PAYMENT GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *[Insert name and address of supplier, which in the case of a joint venture shall be the name and address of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[Insert reference number of the contract]* dated *[Insert contract date]* with the Beneficiary, for the supply of *[Insert object of the contract and brief description of Goods and related Services]* (hereinafter called "the Contract"). Furthermore we understand that, according to the conditions of the Contract, an advance payment in the sum of *[Insert amount and currency in words and figures]*⁶, representing *[Insert percentage in words and figures]* % of the contract price, is to be made against an advance payment guarantee.

Waiving all objections and defences, we, as Guarantor, hereby irrevocably and independently undertake to pay the Beneficiary, any sum or sums not exceeding in total an amount of *[Insert guarantee amount and currency in words and figures]* upon receipt by us of the Beneficiary's first demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for the demand or the sum specified therein.

The advance payment guarantee shall come into force and effect as soon as the advance payment has been credited to the Applicant on its account. Minor deductions of the above mentioned amount notably due to bank fees shall have no effect on the entry into force.

[For guarantees issued in foreign currency insert the following:

In the event of any claim under this guarantee, payment shall be effected to KfW, Frankfurt am Main (BIC: KFWIDEFF, BLZ 500 204 00), account no. 38 000 000 00 (IBAN: DE53 5002 0400 3800 0000 00), for the account of *[Insert name of the Purchaser and the Purchaser's country]*.

[For guarantees issued in local currency insert the following:

In the event of any claim under this guarantee, payment shall be effected to *[Insert the account on which payments are to be made]*, for the account of *[Insert name of the Purchaser and the Purchaser's country]*.

This guarantee shall expire not later than *[Insert expiry date]*.

By this date we must have received any claims for payment by letter or encoded telecommunication.

⁶ This guarantee must be issued in the contract currency only.

It is understood that you will return this guarantee to us on expiry or after payment of the total amount to be claimed hereunder.

[As preferred option regarding guarantee rules insert⁷: This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.]

Place, date

Guarantor's authorized signature(s)

⁷ In the case the issuing bank will not add the preferred option, the following must be added instead: This guarantee is governed by the laws of *[Insert country of jurisdiction]*. Note: the country of jurisdiction shall be the country where the bank's branch issuing the guarantee is physically located.