



**higher education  
& training**

Department:  
Higher Education and Training  
REPUBLIC OF SOUTH AFRICA



**EKURHULENI EAST TVET COLLEGE**

*"Committed to Excellence"*

# **EKURHULENI EAST TVET COLLEGE**

## **TENDER DOCUMENT**

### **TENDER NUMBER: EEC/T09/2021**

**APPOINTMENT OF SERVICE PROVIDERS TO SUPPLY AND DELIVER  
WORKSHOP CONSUMABLES/ MATERIALS AS AND WHEN REQUIRED  
FOR A PERIOD OF THREE (3) YEARS.**

**CLOSING DATE: 3 NOVEMBER 2021**

**CLOSING TIME: 11:00 AM**

**FOR OFFICE USE**

**OFFICE STAMP**

**APPROVED/NOT APPROVED**

\_\_\_\_\_

**THE PRINCIPAL**



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SECTION A

INVITATION TO BID (SBD 1)

1. YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE EKURHULENI EAST TVET COLLEGE:

<b>BID NUMBER:</b>	EEC/T09/2021
<b>CLOSING DATE:</b>	3 November 2021
<b>CLOSING TIME:</b>	11h00 am (no late, electronic and or facsimile responses will be accepted)
<b>COMPULSORY BRIEFING SESSION:</b>	<b>NO BRIEFING SESSION</b>
<b>BID VALIDITY PERIOD:</b>	120 days (Commencing from closing date)
<b>DESCRIPTION:</b>	Appointment of service providers to supply and deliver workshop consumables/ materials as and when required for a period of three (3) years.
<b>DEPOSITED IN THE BID BOX SITUATED AT:</b>	Ekurhuleni East TVET College Central Office Sam Ngema Road Kwa-Thema 1560,  <b>NB: A bid register should be signed on submission.</b>
<b>PROCUREMENT OFFICIAL:</b>	Mr. Mxolisi W. Chonco
<b>TELEPHONE:</b>	(011) 730 6600
<b>E-MAIL:</b>	<a href="mailto:procurement@eec.edu.za">procurement@eec.edu.za</a>



2. THE FOLLOWING PARTICULARS MUST BE FURNISHED

(FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)

NAME OF BIDDER.....

POSTAL ADDRESS.....

STREET ADDRESS.....

TELEPHONE NUMBER: CODE..... NUMBER.....

CELLPHONE NUMBER.....

FACSIMILE NUMBER: COD..... NUMBER.....

E-MAIL ADDRESS.....

VAT REGISTRATION NUMBER.....

CENTRAL SUPPLIER DATABASE No: **MAAA**.....

HAS A TAX STATUS COMPLIANCE PIN BEEN SUBMITTED (SBD 2)? **YES / NO**

HAS A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE OR SWORN AFFIDAVIT  
BEEN SUBMITTED (SBD 6.1)? **YES / NO**



**[TICK APPLICABLE BOX]**

A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)

**OR**

A SWORN AFFIDAVIT OR CERTIFICATE ISSUED BY COMPANIES AND INTELLECTUAL PROPERTY COMMISSION

**[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE / SWORN AFFIDAVIT (FOR EMEs & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]**

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS/  
SERVICES / WORKS OFFERED?

**YES / NO**

*[IF YES ENCLOSE PROOF]*

SIGNATURE OF BIDDER.....

DATE.....

CAPACITY UNDER WHICH THIS BID IS SIGNED.....

**TOTAL BID PRICE.....N/A.....**

**AMOUNT IN WORDS: .....N/A.....**

.....

.....



**SECTION B**

**NOTES TO TENDERERS**

- 1. Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.**
2. The bid box is generally opened from 08h00 am to 16h00 (Monday – Thursday) and to 13h00 (Friday) on normal working days.
3. Sealed tenders, endorsed on the envelope **"EEC/T09/2021"** and **"Company Name"** should be deposited in the tender box at the security gate, Head Office, Sam Ngema Road, Kwa-Thema, not later than 11:00 am **on 3 November 2021**.
4. No bid submitted by telefax, telegraphic or other electronic means will be considered.
5. All bids must be submitted on the official forms – **(not to be re-typed)**
6. Tenderers are advised to check the number of pages and should any be missing or duplicated, or the reproduction indistinct, or any descriptions ambiguous, or this document contain any obvious errors they shall inform the Procurement Manager at once and have the same rectified. No liability whatsoever will be incurred in respect of errors in any tender due to the tenderer's failure to observe this requirement.
7. The College is not bound to accept the lowest or any tender nor are they required to give reasons for selecting any tender.
8. Any alteration made by the tenderer must be initialed.
9. Use of correcting fluid is prohibited.
10. This tender is a fixed price contract. Escalation on prices submitted will not apply.
11. Should you not receive a reply from the College after 120 days of submission of this Tender, consider that your Tender was not successful.
12. The applicable specifications shall be provided by Ekurhuleni East TVET College
- 13. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.**



SECTION C

**REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE (CSD)**

1. In terms of the National Treasury SCM Instruction No 4 A of 2016/2017, all suppliers of goods and services are required to register on the National Treasury Central Suppliers Database, before the submission of their bid.
2. If you wish to apply for online registration, use the following website,  
<https://secure.csd.gov.za/>
3. The supplier/service provider must register on the National Treasury Central Supplier's Database. **FAILURE TO BE REGISTERED BEFORE THE CLOSE OF BID THE SUPPLIERS/SERVICE PROVIDER WILL BE DISQUALIFIED.**

**DECLARATION THAT INFORMATION ON CSD IS CORRECT AND UP TO DATE**

THIS IS TO CERTIFY THAT I (name of tenderer / authorised representative)

.....

WHO REPRESENTS (state name of bidder)

.....

I AM AWARE OF THE CONTENTS OF THE CENTRAL SUPPLIERS DATABASE WITH RESPECT TO THE BIDDER'S DETAILS AND REGISTRATION INFORMATION, AND THAT THE SAID INFORMATION IS CORRECT AND UP TO DATE AS ON THE DATE OF SUBMITTING THIS BID.



AND I AM AWARE THAT INCORRECT OR OUTDATED INFORMATION MAY BE A CAUSE FOR DISQUALIFICATION OF THIS BID FROM THE BIDDING PROCESS, AND /OR POSSIBLE CANCELLATION OF THE CONTRACT THAT MAY BE AWARDED ON THE BASIS OF THIS BID.

.....  
**SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE**

**DATE:**.....





**SECTION D**

**DECLARATION OF INTEREST (SBD 4)**

1. Any legal person, including persons employed by the state<sup>1</sup>, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- The bidder is employed by the state; and/or
- The legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

2.1 Full Name of bidder or his or her representative: .....

2.2 Identity Number:.....

2.3 Position occupied in the Company (director, trustee, shareholder<sup>2</sup>, member): .....

2.4 Registration number of company.....

2.5 Tax Reference Number: .....

2.6 VAT Registration Number: .....



2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 3 below.

<sup>1</sup>"State" means –

- (a) Any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) Any municipality or municipal entity;
- (c) Provincial legislature;
- (d) National Assembly or the national Council of provinces; or
- (e) Parliament.

<sup>2</sup>"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

2.7 Are you or any person connected with the bidder **YES / NO**  
Presently employed by the state?

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:.....

Name of state institution at which you or the person connected to the bidder is employed:

.....

Position occupied in the state institution: .....

Any other particulars: .....

.....



.....

2.7.2 If you are presently employed by the state, did you obtain **YES / NO**  
the appropriate authority to undertake remunerative  
work outside employment in the public sector?

2.7.2.1 If yes, did you attach proof of such authority to the bid **YES / NO**  
document?

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

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

2.8 Did you or your spouse, or any of the company's directors / **YES / NO**  
trustees / shareholders / members or their spouses conduct  
business with the state in the previous twelve months?

2.8.1 If so, furnish particulars:

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

2.9 Do you, or any person connected with the bidder, have **YES / NO**  
any relationship (family, friend, other) with a person  
employed by the state and who may be involved with  
the evaluation and or adjudication of this bid?



2.9.1 If so, furnish particulars.

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

2.10 Are you, or any person connected with the bidder, **YES/NO**  
aware of any relationship (family, friend, other) between  
any other bidder and any person employed by the state  
who may be involved with the evaluation and or adjudication  
of this bid?

2.10.1 If so, furnish particulars.

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

2.11 Do you or any of the directors / trustees / shareholders / members **YES/NO**  
of the company have any interest in any other related companies  
whether or not they are bidding for this contract?

2.11.1 If so, furnish particulars:

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

**3. Full details of directors / trustees / members / shareholders.**

<b>Full Name</b>	<b>Identity Number</b>	<b>Personal Income Tax Reference Number</b>	<b>State Employee Number / Peral Number</b>




**4. DECLARATION**

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of bidder



**SECTION E**  
**TAX COMPLIANCE STATUS REQUIREMENTS**

1. Bidders must ensure compliance with their tax obligations.
2. Bidders are required to submit their Tax Compliance Status (TCS) Pin issued by SARS to enable the organ of state to verify the taxpayer's profile and tax status or a CSD number must be provided.
3. Application for TCS Pin may be made via e-filing through the SARS website:  
[www.sars.gov.za](http://www.sars.gov.za).
4. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate TCS pin.



**SECTION F**

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL  
PROCUREMENT REGULATIONS 2017 (SBD 6.1)**

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF BBBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

**1. GENERAL CONDITIONS**

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with Rand value above R50 000 000 (all applicable taxes included)

1.2 The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the .....80/20..... preference point system shall be applicable;

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
<b>PRICE</b>	80
<b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>	20
<b>Total points for Price and B-BBEE must not exceed</b>	<b>100</b>



1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

## 2. DEFINITIONS

2.1 **"all applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;

2.2 **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad -Based Black Economic Empowerment Act;

2.3 **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;

2.4 **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;

2.5 **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

2.6 **"comparative price"** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;

2.7 **"consortium or joint venture"** means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract;

2.8 **"contract"** means the agreement that results from the acceptance of a bid by an organ of state;

2.9 **"EME"** means any enterprise with an annual total revenue of R5 million or less.

2.10 **"Firm price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or





the rendering costs of any service, for the execution of the contract;

- 2.11 **"functionality"** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **"non-firm prices"** means all prices other than "firm" prices;
- 2.13 **"person"** includes a juristic person;
- 2.14 **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.15 **"sub-contract"** means the primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.16 **"total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;
- 2.17 **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- 2.18 **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

### 3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of total points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;
- 3.3 Points scored must be rounded off to the nearest 2 decimal places.
- 3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.



- 3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

**4. POINTS AWARDED FOR PRICE**

**4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS**

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

- $P_s$  = Points scored for comparative price of bid under consideration  
 $P_t$  = Comparative price of bid under consideration  
 $P_{\min}$  = Comparative price of lowest acceptable bid

**5. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION**

- 5.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18



3	8	16
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

**6. BID DECLARATION**

6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

**7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.1**

7.1 B-BBEE Status Level of Contribution: ..... = ..... (Maximum of 10 or 20 points)  
(Points claimed in respect of paragraph 8.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by relevant proof of a B-BBEE status level of contributor.)

**8 SUB-CONTRACTING**

8.1 Will any portion of the contract be sub-contracted? YES / NO (delete which is not applicable)

8.1.1 If yes, indicate:

- (i) What percentage of the contract will be subcontracted? .....
- (ii) The name of the sub-contractor? .....
- (iii) The B-BBEE status level of the sub-contractor? .....
- (iv) Whether the sub-contractor is an EME? YES/NO (delete which is not applicable)



**9 DECLARATION WITH REGARD TO COMPANY/FIRM**

9.1 Name of company/firm.....

9.2 VAT registration number: .....

9.3 Company registration number.....

9.4 TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

Partnership/Joint Venture / Consortium

One person business/sole propriety

Close corporation

Company

(Pty) Limited

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

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

9.6 COMPANY CLASSIFICATION [TICK APPLICABLE BOX]

Manufacturer

Supplier

Professional service provider

Other service providers, e.g. transporter, etc.

9.7 Total number of years the company/firm has been in business? .....

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

(i) The information furnished is true and correct;

(ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.

(iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;



- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
- (a) Disqualify the person from the bidding process;
  - (b) Recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) Cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution

**WITNESSES**

- 1. ....
- 2. ....

.....  
**SIGNATURE(S) OF BIDDER(S)**

**DATE** .....

**ADDRESS** .....

.....

.....

.....



## SECTION G (NOT APPLICABLE)

### PRICING SCHEDULE – FIRM PRICES (SBD 3)

#### (PURCHASES)

**NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED  
IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT**

Name of bidder.....Bid No.: EEC/T09/2021

Closing Time: 11:00 am

Closing date: 3/11/2021

**OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID.**

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY
			** (ALL APPLICABLE TAXES INCLUDED)
-	Required by:	.....	
-	At:	.....	
-	Brand and model	.....	
-	Country of origin	.....	
-	Does the offer comply with the specification(s)?		<b>YES / NO</b>
-	If not to specification, indicate deviation(s)	.....	
-	Period required for delivery	.....	
			*Delivery: Firm/not firm
-	Delivery basis	.....	

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

\*\* "all applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies



**PRICING SCHEDULE (SBD 3.3) (NOT APPLICABLE)**

**(Professional Services)**

NAME OF BIDDER: ..... BID NO: EEC/T09/2021

CLOSING TIME 11:00 am

CLOSING DATE: 3/11/2021

OFFER TO BE VALID FOR: 120 DAYS FROM THE CLOSING DATE OF BID.

Item No. Description Bid price in RSA currency

(All applicable taxes included)

1. The accompanying information must be used for the formulation of proposals.
2. Bidders are required to indicate a ceiling price based on the total estimated time for completion of all phases and including all expenses inclusive of all applicable taxes for the project.

R.....

3. PERSONS WHO WILL BE INVOLVED IN THE PROJECT AND RATES APPLICABLE (CERTIFIED INVOICES MUST BE RENDERED IN TERMS HEREOF)

4. PERSON AND POSITION HOURLY RATE DAILY RATE

----- R-----

----- R-----



----- R-----

----- R-----

5. **PHASES ACCORDING TO WHICH THE PROJECT WILL BE COMPLETED, COST PER PHASE AND MAN-DAYS TO BE SPENT**

----- days R-----  
----- days R-----  
----- days R-----

5.1 *Travel expenses (specify, for example rate/km and total km, class of air travel, etc). Only actual costs are recoverable. Proof of the Expenses incurred must accompany certified invoices.*

DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY	AMOUNT
-----	.....	.....	R.....
-----	.....	.....	R.....
-----	.....	.....	R.....
-----	.....	.....	R.....
<b>TOTAL:</b>			R.....

**\*\* "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance contributions and skills development levies.**

5.2 *Other expenses, for example accommodation (specify, e.g. three star hotel, bed and breakfast, telephone cost, reproduction cost, etc.). On basis of these particulars, certified invoices will be checked for correctness. Proof of the expenses must accompany invoices.*





*DESCRIPTION OF EXPENSE TO BE INCURRED*

<i>RATE</i>	<i>QUANTITY</i>	<i>AMOUNT</i>
.....	.....	R.....
.....	.....	R.....
.....	.....	R.....
.....	.....	R.....
<i>TOTAL: R.....</i>		

- 6. *Period required for commencement with project after acceptance of bid* .....
- 7. *Estimated man-days for completion of project* .....
- 8. *Are the rates quoted firm for the full period of contract? \*YES/NO*
- 9. *If not firm for the full period, provide details of the basis on which Adjustments will be applied for, for example consumer price index.*

.....



**SECTION H  
AUTHORITY TO SIGN A BID (SBD 11)**

**A. COMPANIES**

If a Bidder is a company, a certified copy of the resolution by the board of directors, personally signed by the chairperson of the board, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company must be submitted with this bid, that is before the closing time and date of the bid.

**AUTHORITY BY BOARD OF DIRECTORS**

By resolution passed by the Board of Directors on.....20.....,

Mr/Mrs/Miss..... (whose signature appears below) has been duly authorised to sign all documents in connection with this BID on behalf of

(Name of Company) .....

**IN HIS/HER CAPACITY AS:** .....

**SIGNED ON BEHALF OF COMPANY:** .....

(PRINT NAME)

**SIGNATURE OF SIGNATORY:** ..... **DATE:** .....

**WITNESSES: WITNESS:** 1.....

2.....

**B. SOLE PROPRIETOR (ONE - PERSON BUSINESS)**

I, the undersigned..... hereby confirm that I am the sole owner of the business

Trading as .....

.....

.....

**SIGNATURE**

**DATE**

(PRINT NAME)



**C. PARTNERSHIP**

The following particulars in respect of every partner must be furnished and signed by every partner:

Full name of partner	Residential address	Signature
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

We, the undersigned partners in the business trading as.....  
hereby authorized .....to sign this bid as well as any contract  
resulting from the bid and any other documents and correspondence in connection with this bid and  
/or contract on behalf of

.....	.....	.....
<b>SIGNATURE</b>	<b>SIGNATURE</b>	<b>SIGNATURE</b>

.....	.....	.....
<b>DATE</b>	<b>DATE</b>	<b>DATE</b>



**D. CLOSE CORPORATION**

In the case of a close corporation submitting a bid, a certified copy of the Founding Statement of such corporation shall be included with the bid, together with the resolution by its members authorising a member or other official of the corporation to sign the documents on their behalf.

By resolution of members at a meeting on ..... 20..... at .....

.....Mr/Mrs/Miss....., whose

signature appears below, has been authorised to sign all documents in connection with this bid on

behalf of (Name of Close Corporation) .....

**SIGNED ON BEHALF OF CLOSE CORPORATION:** ..... (PRINT NAME)

**IN HIS/HER CAPACITY AS** ..... **DATE:** .....

**SIGNATURE OF SIGNATORY:** .....

**WITNESSES:** 1 .....

2 .....



**E. CO-OPERATIVE**

A certified copy of the Constitution of the co-operative must be included with the bid, together with the resolution by its members authoring a member or other official of the co-operative to sign the bid documents on their behalf.

By resolution of members at a meeting on ..... 20..... at .....

Mr/Mrs/Miss....., whose signature appears below, has been authorised to sign all documents in connection with this bid on behalf of (Name of co-operative) .....

**SIGNATURE OF AUTHORISED REPRESENTATIVE/SIGNATORY:**

.....

**IN HIS/HER CAPACITY AS:** .....

**DATE:** .....

**SIGNED ON BEHALF OF CO-OPERATIVE:** .....

**NAME IN BLOCK LETTERS:** .....

**WITNESSES:**

1 .....

2 .....



**F. JOINT VENTURE**

If a Bidder is a joint venture, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of the enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the joint venture must be submitted with this bid, before the closing time and date of the bid.

**\*A trust, consortium or joint venture must obtain and submit a consolidated B-BBEE Status Level Verification Certificate for every separate bid.**

**AUTHORITY TO SIGN ON BEHALF OF THE JOINT VENTURE**

By resolution/agreement passed/reached by the joint venture partners

on.....20.....Mr/Mrs/Miss.....,Mr/Mrs/Miss.....

.....Mr/Mrs/Miss.....and Mr/Mrs/Miss..... (Whose signatures appear

below) have been duly authorised to sign all documents in connection with this bid on behalf of:

(Name of Joint Venture).....

**IN HIS/HER CAPACITY AS:** .....

**SIGNED ON BEHALF OF (COMPANY NAME):** .....

(PRINT NAME)

**SIGNATURE:** ..... **DATE:** .....

**IN HIS/HER CAPACITY AS:** .....

**SIGNED ON BEHALF OF (COMPANY NAME):** .....

(PRINT NAME)

**SIGNATURE:** ..... **DATE:** .....



**IN HIS/HER CAPACITY AS:** .....

**SIGNED ON BEHALF OF (COMPANY NAME):** .....

(PRINT NAME)

**SIGNATURE:** .....

**DATE:** .....

**IN HIS/HER CAPACITY AS:** .....

**SIGNED ON BEHALF OF (COMPANY NAME):** .....

(PRINT NAME)

**SIGNATURE:** .....

**DATE:** .....

**SECTION I**

**DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (SBD 8)**

- 1 This Standard Bidding Document must form part of all bids invited.
  
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
  
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
  - a. abused the institution's supply chain management system;
  - b. committed fraud or any other improper conduct in relation to such system; or
  - c. failed to perform on any previous contract.



- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p><b>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</b></p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p><b>The Register for Tender Defaulters can be accessed on the National Treasury's website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) by clicking on its link at the bottom of the home page.</b></p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		





4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		

**CERTIFICATION**

I, THE UNDERSIGNED (FULL NAME) .....  
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....  
**Signature**

.....  
**Date**

.....  
**Position**

.....  
**Name of Bidder**



**SECTION J**

**CERTIFICATE OF INDEPENDENT BID DETERMINATION (SBD 9)**

I, the undersigned, in submitting the accompanying bid:

\_\_\_\_\_

(Bid Number and Description)

In response to the invitation for the bid made by:

\_\_\_\_\_

(Name of Institution)

Do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) Has been requested to submit a bid in response to this bid invitation;
  - (b) Could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) Provides the same goods and services as the bidder and/or is in the same line of business as the bidder



**SBD 9**

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) Methods, factors or formulas used to calculate prices;
  - (d) The intention or decision to submit or not to submit, a bid;
  - (e) The submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) Bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

**<sup>3</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.**



10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of Bidder



**SECTION K  
EVALUATION CRITERIA**

Evaluation will be based on:

PHASE 1	PHASE 2	PHASE 3
<b>PRE-QUALIFICATION CRITERIA</b>	<b>MANDATORY REQUIREMENTS FOR ADMINISTRATIVE COMPLIANCE</b>	<b>FUNCTIONALITY CRITERIA</b>
Only bidders who meet the below pre-qualification criteria may respond to this bid: <ul style="list-style-type: none"> <li>• B-BBEE status level 1 and/or</li> <li>• EME or QSE</li> </ul>	Compliance with mandatory bid requirements and returnable documents.	Bidders will be assessed to verify capacity to execute the contract. Bidders will be expected to provide evidence.

**PHASE 1 – PRE-QUALIFICATION CRITERIA**

In terms of Regulations 3(b) and 4 of the Preferential Procurement Policy Framework Act (PPPFA) Regulations, 2017, the College intends to apply a pre-qualification criterion for this bid. Only entities who qualify in terms of the criteria outlined below will be evaluated further Phases 2, which is Mandatory Requirements.

Only bidders who meet the below pre-qualification criteria may respond to this bid:

- B-BBEE status level 1 and/or
- EME or QSE

The bidder must substantiate that they meet the above pre-qualification criteria by submitting the compulsory relevant evidence to claim the B-BBEE status level.

**Bids, which do not comply with the pre-qualification requirement/s, will not be considered for Phase 2.**

**PHASE 2: MANDATORY REQUIREMENTS FOR ADMINISTRATIVE COMPLIANCE**

The following mandatory documents must be submitted for administrative compliance assessment:

Bids which do not comply with the administrative compliance will not be considered for Phase 2.

• <i>Completed all SBD forms</i>	
• <i>Company Profile</i>	
• <i>Company Registration Documents</i>	
• <i>Certified I.D. Copies of Members / Shareholders</i>	
• <i>SARS Tax Compliance Status Pin or CSD Number to be Provided</i>	
• <i>National Treasury Central Suppliers Database Registration Report (CSD)</i>	



**PHASE 3: FUNCTIONALITY CRITERIA**

Proposals will be evaluated on functionality in accordance with the following matrix and only bidders who obtain a minimum score of 70% will be considered for placement on the preferred list.

In order to ensure meaningful evaluation, bidders must submit detailed information in substantiation of the evaluation criteria mentioned.

<b>Evaluation Criteria</b>		<b>Weighting</b>
<p><b>EXPECTED DELIVERY DATE</b></p> <p>The expected delivery date after issuing of the purchasing order.</p> <p>The service provider to submit the company profile (failure will result to no points).</p>	<p>Within 7 days = 30%</p> <p>Within 14 days = 20%</p> <p>Within 30 days = 10%</p>	30%
<p><b>EXPERIENCE IN THE INDUSTRY</b></p> <p>Number of related/similar projects undertaken by the service provider.</p> <p>(Signed reference letters from companies previously worked with not older than 5 years).</p> <p>The minimum threshold for projects must be at least R100 000.00</p>	<p>5 or more projects = 40%</p> <p>3 to 4 projects = 20%</p> <p>1 to 2 projects = 10%</p> <p>0 projects = 0%</p>	40%
<p><b>PROOF OF FINANCIAL CAPACITY</b></p> <p>Attach proof of stamped bank statement (not older than 3 months) or Bank rating letter indicating financial standing or Proof of access to funding.</p>	<p>R500 001 and above = 30%</p> <p>R300 001 to R500 000 = 20%</p> <p>R100 000 to R300 000 = 10%</p> <p>No guarantee attached = 0%</p>	30%
<b>TOTAL</b>		<b>100%</b>
<b>*MINIMUM SCORE TO QUALIFY</b>		<b>70%</b>

**No service provider who scores less than (70%) on functionality criteria will be considered for placement on the preferred list.**



**SECTION L**

**TERMS OF REFERENCE / SPECIFICATION**

**NB: The tools of trade are to be supplied and delivered to Ekurhuleni East TVET College's four (4) workshops. The workshops are divided into Civil, Mechanical, Electrical & Electronics and Process Plant. The bidders are therefore required to select a workshop(s) for which the service will be rendered.**

WORKSHOP	PARTICIPATING	
	YES	NO
CIVIL ENGINEERING		
MECHANICAL		
ELECTRICAL & ELECTRONICS		
PROCESS PLANT		



## SPECIFICATION/ TERMS OF REFERENCE

**FOR THE APPOINTMENT OF THE PREFERRED SERVICE PROVIDERS FOR THE SUPPLY AND DELIVERY OF WORKSHOP MATERIALS/ CONSUMABLES AND TOOLS TO THE EKURHULENI EAST TVET COLLEGE ON AN "AS AND WHEN REQUIRED" BASIS FOR THE PERIOD OF 36 MONTHS.**

### BACKGROUND

1. The Ekurhuleni East TVET College (EEC) is a public institution situated in the Eastern Region of the Ekurhuleni Metropolitan Municipality. The College comprises of five (5) Campuses, one (1) Artisan and Skills Development Centre and a Head Office based in Kwa-Thema. The College Campuses are situated in Benoni, Brakpan, Daveyton, Kwa-Thema and Springs.
2. The EEC seek to appoint the panel of service providers for the supply and delivery of workshop material/consumables and tools of high standard and within the required specifications.

### SCOPE OF WORK

1. The appointed service providers are expected to supply and deliver workshop material/ consumables and tools within the required specifications.
2. Goods to be delivered as and when required based on an issued order.

### EXPECTED DELIVERABLES

1. The list of required items include but not limited to the following:

### PROCESS PLANT:

No.	Components	Description
1.	Energiser-D	1,5 V cells
2.	Copper Sulphate	
3.	Distilled Water	
4.	Calcium Oxide	
5.	Potassium Chloride	
6.	Bourdon tube type pressure gauge	
7.	Solid rod thermostat	
8.	Measuring equipment/callipers	
9.	Filter paper	
10.	Fine sieve/screen/kitchen colander	
11.	Raw baggase	
12.	Unslaked lime	
13.	0,2N Sodium Thiosulphate	



**CIVIL ENGINEERING:**

No.	Components	Description
1.	Ladders	Aluminium 2m height.
2.	Independent scaffold	Multi-frame SABS approved with fittings.
3.	Acro steel props	
4.	Turbular whalers	4 meters
5.	Tile cutters & nippers	Medium and small
6.	Auger bits	BMM type
7.	Sand	Plaster
8.	Sand	Building
9.	Glass cutter	
10.	Putty	
11.	Varnish	
12.	Turpentine	
13.	Glass plier	
14.	Paint brush	75mm
15.	Paint brush	125mm
16.	Block bricks	390x140x190
17.	Block bricks	390x90x190
18.	Tile Grout	10kg
19.	Chipboards	
20.	Rhinolite	

**MECHANICAL:**

**APPLIED ENGINEERING TECHNOLOGY; ENGINEERING PRACTICE & MAINTENANCE; ENGINEERING PROCESS; PROFESSIONAL ENGINEERING PRACTICE, ENGINEERING TECHNOLOGY, GRAPHICS & DESIGN AND MATERIALS TECHNOLOGY**

No.	Components	Description
1.	Mild steel square tube	16mm x 16 mm square tube Length=200mm
2.	Mild steel square tube	32mm x 32mm square tube Length=178mm
3.	Mild steel round bar	Diameter=10mm Length=40mm
4.	Mild steel round bar	Diameter=20mm Length=50mm
5.	White polystyrene/Styrofoam	100mm x100mm x 100mm square cube
6.	Sky blue paint	PVA
7.	Light green paint	PVA
8.	Paint brush	NO 2 fine bristles
9.	Paint brush	NO 3 fine bristles
10.	Thinners	20L
11.	Bolt and nuts	M10, length 28mm
12.	Drill bits	8.2mm
13.	Open ring spanner	Size 16
14.	Shifting spanner	150mm-300mm
15.	Steel knife	Stanley
16.	Mild steel flat bar	Width-50mm Thichness-5mm Length =6m

17.	Mild steel flat bar	Width=60mm Thickness=6mm Length=6m
18.	Cast steel	Diameter=10mm Length=52mm
19.	Silver steel	Diameter=10mm Length=52mm
20.	High carbon steel	Diameter=10mm Length=52mm
21.	Mild steel flat bar	Length=52mm Breadth=15mm Thickness=10mm
22.	Cast steel flat bar	Length=52mm Breadth=15mm Thickness=10mm
23.	Silver steel flat bar	Length=52mm Breadth=15mm Thickness=10mm
24.	High carbon steel flat bar	Length=52mm Breadth=15mm Thickness=10mm
25.	PVC	Length =80mm Breadth=60mm Thickness=5mm
26.	Nylon	Length =80mm Breadth=60mm Thickness=5mm
27.	polyester	Length =80mm Breadth=60mm Thickness=5mm
28.	polyurethane	Length =80mm Breadth=60mm Thickness=5mm
29.	Foam acrylic	Length =80mm Breadth=60mm Thickness=5mm
30.	Phenolic	Length =80mm Breadth=60mm Thickness=5mm
31.	Polyethylene	Length =80mm Breadth=60mm Thickness=5mm
32.	Mild steel flat bar	Length=32mm Breadth=20mm Thickness=10mm
33.	Acrylic(Base plate)	110mm x110mm x 5 mm
34.	Acrylic(Top bracket)	186mm x 65mm x 3mm
35.	Acrylic(battery bracket)	110mm x 60mm x 2mm
36.	Acrylic(top fan bracket)	180 x 85mm x 3mm
37.	Acrylic(Battery front face cover)	60mm x 25mm x 2mm
38.	Round head brass screws	M4 X 28mm
39.	Brass screws	M4 X 8mm
40.	Brass screws	M4 x 6mm

41.	Round head brass screws	M4 x 9mm
42.	Round head brass screws	M4 x 8mm
43.	Fan 9V operated	80mm x 80mm
44.	Miniature switches with holes on connectors	9V
45.	Battery connectors	9V
46.	Rechargeable battery	9V
47.	Super glue	3g
48.	Battery charger	9V
49.	Vero board	100mm x 300 mm
50.	Red panel wire	1.0 mm <sup>2</sup>
51.	Black panel wire	1.0 mm <sup>2</sup>
52.	Fuses	0.25A
53.	Fuse holder	0.25A
54.	solder	0.81128mm
55.	Insulation tape	Black and red
56.	Miniature lamp	Screw type
57.	Miniature lamp holder	Screw type.
58.	Car fuse	19mm blade fuse A10, A15, A20, A25 and A30 Small blade fuse A10, A15, A20, A25, and A30
59.	Double contact bulbs(car)	12V
60.	Single contact bulbs(car)	12V
61.	Test lamp	12V
62.	Station type soldering iron digital	48W, 160°C

#### FITTING AND TURNING AND BOILER

No.	Components	Description
1.	Mild steel solid square bar	20mm x 20mm square Length = 85mm
2.	Round bar mild steel	Diameter= 20mm Length=200mm
3.	Round bar mild steel	Diameter=20mm Length=150mm
4.	Round bar mild steel	Diameter=32mm Length=106
5.	Round bar mild steel	Diameter=12mm Length=145mm
6.	Round bar mild steel	Diameter=10mm Length=126mm
7.	Round bar mild steel	Diameter=40mm Length=35mm
8.	Flat bar mild steel	Width=60mm Height=55mm Thickness=12mm
9.	Flat bar mild steel	Width=38mm Height=25mm Thickness=3mm

10.	Grub screws	M4 Length=6mm
11.	Mild steel plate	2450mm x 1225 x 2mm
12.	Mild steel plate	2450mm x 1225mm x 3mm
13.	Mild steel plate	2450 x 1225mm x 8mm
14.	Angle iron	40mm x 40mm x 5mm
15.	Angle iron	50mm x 50mm x 5mm
16.	Pipe	Diameter=60mm Thickness=3mm
17.	Elbow 45	Diameter=60mm
18.	Elbow 90	Diameter=60mm
19.	T piece	Diameter=60mm
20.	Nuts	M8
21.	Bolts	M8, height =20mm
22.	Reducer	Big diameter=60mm Small diameter=48mm Length=76.2mm

## AUTOMOTIVE LEVEL 2

No.	Components	Description
1.	HOIST	2 X 4 POST NEEDS SERVICE
2.	HOIST	2 POST HOIST NEEDS SERVICE
3.	SERVICE KIT (TOYOYA CORROLLA) 1.6L 2016 MODEL	AIR FILTER,PLUGS,OIL FILTER, BRAKE FLUID DOT 4, COOLANT AND ENGINE OIL 5W20, FRONT AND REAR PADS,FRONT AND REAR SHOCKS
4.	McPHERSON STRUT ON STAND	COMPOSED OF McPHERSON SUSPENSION, SHOCK ABSORBER, COIL SPRING AND DISC WITH PADS. DIMESION CMs 57 x 50 x 136h 20kg
5.	REAL OPERATING SUSPENSION AND STEERING TRAINER	COMPOSED OF FRONT AXLE, McPHERSON SUSPENSION, SHOCK ABSORBER, WHEELS, STEERING WHEELS, RACK AND PINION, HYDRAULIC PUMP AND RESEVOIR, STEERING BOX. DIMESION CMs 160x135x150h 160kg
6.	TYRES	185/65R14 and 185/70R14
7.	PNUEMATIC TYRE EXCHANGER	1.1KW MOTOR,230V INPUT, RIM CLAMPING RANGE 10 TO 12 INCH
8.	WHEEL BALANCER	RIM DIAMETER 10 TO 24 MM, POWER SUPPLY 240V,FRQUENCY 50 TO 60 Hzz
9.	WHEEL ALIGNMENT MACHINE (INCLUDE INSTALLATION)	TO PERFORM ALIGNMENT ON LIGHT DUTY VEHICLES
10.	VEHICLE BATTERIES( BATTERIES SHOULD BE MAINTANABLE WITH VENT CAPS)	12V SIZE 628 90 Ah
11.	SULPHIRIC ACID	1LITER BOTTLES
12.	DISTILLED WATER	1 LTER BOTTLES
13.	BIRCABONATE OF SODA	500g
14.	FACE SHIED	PLASTIC AND TRANSPARENT
15.	RUBBER GLOVES	LONG NITRILE ACID RESISTANT GLOVES
16.	CLEANING RAGS	
17.	COOLANT PRESSURE TESTER	PRESSURE 0 TO 30PSI UNIVERSAL WITH MULTIPLE RADIATR ADAPTORS
18.	OIL PRESSURE TESTER	PRESSURE 30 TO 60 PSI UNIVERSAL WITH MULTIPLE PLUGS FOR DIFFERENT ENGINES

19.	ENGINES ON STANDS RUNNING	PETROL 2 X 4 CYLINDER 1.4L 8 VALVE WITH CARBURATOR
		2X4 CYLINDER 1.4L 16 VALVE FUEL INJECTION
		DIESEL 2 X 4 CYLINDER 2.0L 16 VALVE ROTARY PUMP
		2X4 CYLINDER 2.0L 16V VALVE HIGH PRESSURE PUMP
20.	ENGINE ON STAND NOT RUNNING	THE STAND SHOUL ROTATES 360 DEGRESS TO ALLOW STUDENT TO DO OVERHAULING
		1 X 4 CYLINDER 1.4 8 VALVE PETROL ENGINE
		1 X4 CYLINDER 2.0 16 VALVE PETROL ENIGBE
		1 X4 CYLINDER 2.0L ROTARY DIESEL
		1 X4YLINER 2.0 HIGH PRESSURE PUMP DIESEL

### AUTOMOTIVE LEVEL 3

No.	Components	Description
1.	AUTO ELECTRICAL TRAINING PANEL WITH MANUAL	FRAME SIZE 1600 X 1200, POWER SUPPLY 13.8V,SILICON LEADS, IT SHOULD IN CLUDES IGNITION,LIGHTS,RELAYS,SPARK PUGS,WINDSCREEN WIPER, FUSE BOX,HOOTER,FUEL GAUGE ALL MOUNTED ON BOARD AND THE STAND SHOULD HAVE WHEELS
2.	ABS BRAKING SYSTEM PANEL	INCLUDES VENTILATED DISC,BRAKE PADS,ABS SENSOR,ABS UNIT,HYDRALIC POWER UNIT ,HYDRAULIC PUMP UNIT, DIMESION CMs 120 X 48h 60Kg
3.	GEARBOXES	INLINE GEARBOX FOR PASSENGER VEHICLE
4.	GEARBOX STRIPPING PAN WITH MAGNETIC BASE	CMs 100 X 100
5.	TELESCOPIC GAUGE	5/16 INCH TO 6 INCH RANNGE 8 TO 150MM
6.	STEEL RULER	300MM/12 INCH STEEL RULER
7.	TORQUE WRENCH	5 TO 25NM , 20 TO 200NM
8.	DIAL INDICATOR STAND	60KG MAGNETIC FORCE, ON/OFF SWITCH, BASE 63MM X 50MM X 55MM, ARM 12MM DIA X 220MM
9.	BRAKE PISTON REWIND KIT	RIGHT AND LEFT HAND, SUITABLE TO PUSH BACK PISTON WHEN DOING PADS
10.	PETROL COMPRESSION TESTER	2 TO 5 INCH GAUGE WITH 0 TO 300PSI AND MULTIPLE ADPTERS
11.	DIESEL COMPRESSION TESTER	0 TO 1000PSI WITH DIFFERENT ADAPTERS
12.	DIESEL INJECTION PRIMING KIT	DIFFERENT ADAPTERS FOR DIFFERENT MODELS
13.	PEROL ENGINE FUEL PRESSURE TESTER	SUITABLE FOR WORKSHOP THAT HANDLES MULTIPLE BRAND OF VEHICLES, DIFFERENT ADAPTEERS AND T JOINS
14.	FEELER GAUGES	25 BLADES STAIGHT BLADES, 85 MM LONG AND 13 MM WIDE
15.	TOOL BOX	587 PC METRIC TOOL KIT 7 DRAWER BOX FULL OF TOOLS
16.	30 PC REVERSABLE GERA DRIVE SPANNER	FROM 8MM TO 36MM

**AUTOMOTIVE LEVEL 4**

NO	COMPONET	SPECIFICATION
1.	DIFFERENTIALS	PASSENGER DIFFEREIALS FOR STUDENT TRAIING ON STANDS
2.	DIFFERENTIALS SIDE ADJUSTERS	TO LOCK AND REALESE SIDE BEARING ADJUSTERS
3.	MARKING POWER	ANY MARKING POWER
4.	TORQUE METER	FROM 0NM TO 20NM ,IT SHOULD INCLUDES ADAPTERS FOR DIFFERENT SOCKETS
5.	RUNNINE ENGINE PETROL HYBRID ON STAND	4 CYLINER, 2.0L 16 VALVE
6.	RUNNING ENGINE DIESEL HYBRID ON STAND	4 CYLINDER,2.0 16 VALVE
7.	DIESEL INJECTOR TESTER ON STAND	INCLUDES DIFFERENT ADAPTERS FOR DIFFERENT MODELS, TO DO CRAKING PRESSURE,SPRAY PATTERN AND DRIBBLING
8.	SRS AIR BAG TRAINING PANEL	STEERING RACK,STEERING WHEEL ,DIFFERENT AIR BAGS AND MANUAL
9.	AIR CON RIG TRAINING PANEL	ALL AIR CON SYSTEM COMPONETS WITH TRAINING MANUAL
10.	AIR CON LEAK TESTER KIT	LIGHT DETECTOR AND DYE DETECTOR

**ELECTRICAL AND ELECTRONICS:****ELECTRICAL HAND TOOLS/EQUIPMENT**

No.	Components	Description
1.	Multimeter,	
2.	Insulation resistance tester	
3.	soldering iron	
4.	Oscilloscope	
5.	power supply	
6.	function generator	
7.	long nose plier	
8.	solder sucker	
9.	drill bits	
10.	measuring tape	
11.	steel rule	
12.	Crimping tool	
13.	DC power supply with adjustable settings. (0 to 30 V is acceptable)	
14.	combination pliers	
15.	hacksaw	
16.	wire strippers	
17.	screwdriver	
17.	side cutter	
18.	utility knife	
19.	Small commercial DC motors	
20.	breadboard	
21.	One three-phase overload protection.	
22.	Start button, stop button and an ESTOP button.	
23.	Indicator light.	
24.	Ammeter.	
25.	Voltmeter.	
26.	Three-phase motor (Star/Delta).	

27.	wrenches	
28.	Laptop	

#### ELECTRONICS (ECDE) L2, L3 AND L4

No.	Components	Description
1	Resistors	1 K ½ watt resistor; 15 K, 33 K, 470 R, 33 K, 15 K, 1 K, 150, 3 K, 480, 120, 2400, 600, 10k, 2,2 k, 390 ,47 k,
	Diodes	1 N4001 – 1N4007
	Capacitors	2 200 uF 25 V & 0,1 uF 50V 47 uF 25 V cap, 100 uF, 10 uF, 250 uF, 1 uF, 50 uF, 470 uF, 10 nF
	IC	7805 voltage regulator LM7805 and LM7905
	Banana sockets	Red and Black
	Switch	Single pole single throw
	Fuse holder (Chassis mount) with fuse	250 mA
	Transformer	9 V 1A (9 VA) (alternatively any suitable transformer to a max of 30 V can be used)
	LED and holder	Red/Green/Yellow 5 mm
	Three pin plug top	16A
	Mains cable	0,5 mm <sup>2</sup> (any suitable 3 core cable)
	Veroboard	80 mm x 50
	Enclosure	
2	NPN Transistor	2N2222A
	Solder wire	
	Panel wire: red and black 0,5 mm <sup>2</sup>	Red and black 0,5 mm <sup>2</sup>
	Female Banana Connector	Panel mount (Red and black)
	Box	PVC black box
	Power supply unit	12 V AC, 9 V DC supply

#### ELECTRICAL SYSTEMS AND CONSTRUCTION L2, L3 AND L4

No.	Components	Description
1.	PVC rigid conduit pipe	20 mm and 25 mm
2.	Surfix cable	2,5 mm <sup>2</sup> 2 core and earth
3.	Cable clips.	
4.	Electrical insulation tape.	Red, Blue, Yellow and Black
5.	house wire red, black, (green and yellow).	2.5 mm <sup>2</sup> and 1.5mm <sup>2</sup>
6.	PVC armoured cable (SWA).	6core 2,5 mm <sup>2</sup> .
	Insulated lugs	2,5 mm and 6 mm .
	PVC safe test box .	

7.	Drywall screws	3,5 × 16 mm
	Drywall screws	3,5 × 19 mm
	PVC male adaptors	20 mm and 25 mm
	PVC conduit length	20 mm and 25mm
	PVC inspection 90° bend	20 mm
	20 mm PVC inspection 90° bend	20 mm
	Industrial type surface mount	2 × 2 light switch extension boxes
	PVC saddles + spacer	6 mm and 20 mm
	PVC round inspection type end box + lids	20 mm PVC
	Surface mount cabletray	50 × 1000 mm
	Surface mount 16 A three-phase 5 pin industrial type socket outlet	5 pin industrial type socket outlet
	Three-phase cooker plug mounting ring	+ 25 mm reducer
	Three-phase 4 pin female stove coupler	25 mm
	PVC box for test purposes	
8.	Single lever one-way switch	63 A sensitivity 30 mA
	Pole main switch disconnecter	
	Pole switch disconnecter, earth leakage relay with 30 mA sensitivity	
	Triple pole circuit breaker	16A, 40A, 20A, 10A
	Single pole circuit breaker	10A
	Surface mount industrial type single lever one-way light switch	
	Brass baton type lamp holder to fit on a PVC inspection end box	
	Surface mount 16 A three-phase 5 pin	16A
	Industrial type socket outlet triple pole stove isolator	50A
	Three-phase 4 pin female stove coupler +mounting ring	
	Red, Blue and yellow house wire	1,5 mm <sup>2</sup> , 2,5 mm <sup>2</sup> and 6mm <sup>2</sup>
9.	HellermanTyton black cable ties	
	Bosal Hospital saddle	20mm
	Pratley no.1 gland	
	Pratley no.1	
	Waterproof shroud	
	PVC 4 core steel wire armour cable	6mm <sup>2</sup>
	Soldering wire	
10.	Distribution board, surface mount, 20 ways	
	Boxes for plugs and light switches	
	Loop-in / inspection boxes PVC	
	Inspection elbow 20 mm PVC	
	Coupling 20 mm PVC	20 mm PVC
	Self-tapping screws	12 x 3 mm
	Brass male and female bushes 20 mm	20 mm
	Locknuts 20 mm	
11.	A photocell / daylight switch	
	Two-way switches	
	Socket outlet-single	
	Double-pole switch-disconnector	
	Light fittings with bulbs	
	Metal gland for armoured cable	



## ELECTRICAL PRINCIPLES AND PRACTICE (EPP)

No.	Components	Description
1.	Batteries	9V
	Copper wire	0.5mm <sup>2</sup>
	Bar magnets	100 x 20 x 7mm
	Battery Clips	
	Masking tape	
	Hot glue gun	
	Glue sticks	
	Phase rotation meter	
2.	Four wire supply and earth (Industrial plug male and female)	380V
	Triple pole	10A main C/B
	Contactors	220/380V
	Three-phase overload protection	380V
3.	Variable resistor	10kΩ linear
	Fixed resistors	3.3kΩ ,1.8kΩ & 100Ω
4.	Low voltage transformer	230 - 12 V
	Oscilloscope with probes	
	Capacitor	100 μF (16 V)
5.	Insulated copper wire (transformer wire)	0,2 mm <sup>2</sup> ±50m

## ELECTRICAL WORKMANSHIP

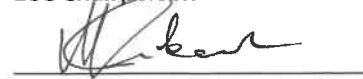
No.	Components	Description
1.	3 Heat stove switch (with a knob)	9V 0.5mm
	GP wire	Black 2,5 mm <sup>2</sup>
	GP wire	Red 2,5 mm <sup>2</sup>
	Bolts	Green and yellow 2,5
	Dry wall screws	mm <sup>2</sup>
	Washers	13 x 6 x 40mm
	2xBrass light bulb fittings	20 x 3 x 12mm 65 x 6mm
	Digital Multimeter	TBM 525
2.	Digital Insulation tester	TBM1851
	Safety glasses	
	Soldering iron	30W 220V
	Cleaning solvent and Lubricants	5L
	Single phase AC motor capacitor start and run	ML1070-4AF (220V)
3.	Industrial start PB	
	Industrial stop PB	
	Emergency stop PB	
	Ferruls, Lugs	2,5mm x 8mm
	Green lamps	
	Contactors	220 V
	Overload Device	380 V
	Circuit breaker	1A

4.	Pilot lamps	
5.	Overload protection pneumatic on delay timer	



Mr MI Nevhutanda  
BSC Chairperson

21-09-2021  
Date



Ms HM Sibande  
Principal/CEO

22/09/2021  
Date