



KWAZULU-NATAL PROVINCE

ECONOMIC DEVELOPMENT, TOURISM
AND ENVIRONMENTAL AFFAIRS
REPUBLIC OF SOUTH AFRICA

INVITATION TO QUOTE

Quotation Number: Q 70 EDTEA 23/24

Description: APPOINTMENT OF A SERVICE PROVIDER TO PROCURE, SUPPLY AND DELIVERY OF DRONES FOR THE TECHNO HUBS IN NEWCASTLE, RAY NKONYENI AND UMHLATUZE MUNICIPALITIES RESPECTIVELY.

Briefing Session ***NOT APPLICABLE***

Queries relating to the issue of these documents may be addressed to Admin Office Tel. No. (033) 264 2862: e-mail bids@kznedtea.gov.za

Closing Date: 14 March 2024

Closing Time: 15:00

Method of submission: DOCUMENTS MUST BE DEPOSITED IN THE BID BOX SITUATED AT GROUND FLOOR FOYER, 270 JABU NDLOVU STREET PIETERMARITZBURG

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SECTION A (PART A: INVITATION TO QUOTE)

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (EDTEA)					
BID NUMBER:	Q 70 EDTEA 23/24	CLOSING DATE:	14 March 2024	CLOSING TIME:	15:00
DESCRIPTION	APPOINTMENT OF A SERVICE PROVIDER TO PROCURE, SUPPLY AND DELIVERY OF DRONES FOR THE TECHNO HUBS IN NEWCASTLE, RAY NKONYENI AND UMHLATUZE MUNICIPALITIES RESPECTIVELY.				
BID RESPONSE DOCUMENTS MUST BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
270 JABU NDLOVU STREET, PIETERMARITZBURG					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Admin Office		CONTACT PERSON	Linley Nadasen	
TELEPHONE NUMBER	033 264 2862		TELEPHONE NUMBER	082 461 9304	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	bids@kznedtea.gov.za		E-MAIL ADDRESS	Linley.nadasen@kznedtea.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
<p>1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</p> <p>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p> <p>1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</p>
2. TAX COMPLIANCE REQUIREMENTS
<p>2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.</p> <p>2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.</p> <p>2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.</p> <p>2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.</p> <p>2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p> <p>2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."</p>

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
 (Proof of authority must be submitted e.g. company resolution)

DATE:

SECTION B: LIST OF ALL RETURNABLE & COMPULSORY DOCUMENTS

The bidder shall complete and submit the following returnable schedules and documents:

Section/ Schedule	Description	Compulsory (Yes / No)	Non- Submission will render bidders non- responsive (Yes/No)	Compulsory (Yes / No) For Quotation Evaluation Purposes	Yes	No	N/A
Prospective Service Providers MUST complete the following as per the QUOTATION document:							
Part A	Invitation to BID (SBD 1)	Yes	Yes				
Part B	Terms and Conditions for bidding (SBD 1)	Read Only					
Section C	Special Instructions regarding completion of bid	Read only					
Section D	Registration on Central Suppliers Database	Read Only					
Section E	Declaration that information on Central Suppliers database is correct and up to date	Yes	Yes				
Section F – G	Pricing Schedule (SBD 3)	Yes	Yes				
Section H	Quotation Offer	Yes	Yes				
Section I	Bidder's disclosure form (SBD4)	Yes	Yes				
Section J	Preference Points Claim Form In terms of the Preferential Procurement Regulations 2022.			Yes If Applicable			
Section K	Questionnaire Replies - To be only included when BIDs for goods are involved.			Yes If applicable			
Section L	Special Conditions of Contract	Read only					
Section M	General Conditions of Contract	Read only					
Section N	Authority to Sign a BID						
	Provide resolution letter for relevant enterprise status	Yes	Yes				
	Joint venture- Resolution/agreement passed/reached' signed by the authorised representatives of the enterprises	Yes	Yes				
Section O	Schedule variations from good and services information			Yes If applicable			
Annexure A	Terms of Reference						
Annexure B	Evaluation Grid						
Annexure C	CV Format						
Annexure D	Statement of exclusivity and availability						
Annexure E	Board Resolution template						

SECTION C: SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF BIDDING FORMS

PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, THE KWAZULU-NATAL SUPPLY CHAIN MANAGEMENT POLICY FRAMEWORK.

1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and visa versa and with words importing the masculine gender shall include the feminine and the neuter.
2. Under no circumstances whatsoever may the bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
4. Bids submitted must be complete in all respects.
5. Bids shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the bid documents.
6. Each bid shall be addressed in accordance with the directives in the bid documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the bid number and closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope. If this provision is not complied with, such bids may be rejected as being invalid.
7. All bids received in sealed envelopes with the relevant bid numbers on the envelopes are kept unopened in safe custody until the closing time of the bids. Where, however, a bid is received open, it shall be sealed. If it is received without a bid number on the envelope, it shall be opened, the bid number ascertained, the envelope sealed and the bid number written on the envelope.
8. A specific box is provided for the receipt of bids, and no bid found in any other box or elsewhere subsequent to the closing date and time of bid will be considered.
9. No bid sent through the post will be considered if it is received after the closing date and time stipulated in the bid documentation, and proof of posting will not be accepted as proof of delivery.
10. No bid submitted by telefax, telegraphic or other electronic means will be considered.
11. Bidding documents must not be included in packages containing samples. Such bids may be rejected as being invalid.
12. Any alteration made by the bidder must be initialed.
13. Use of correcting fluid is prohibited.
14. Use of erasable pen is prohibited.
15. Bids will be opened in public as soon as practicable after the closing time of bid.
16. Where practical, prices are made public at the time of opening bids.
17. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.
18. Bidder must initial each and every page of the bid document.

SECTION D: REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE

1. In terms of the National Treasury Instruction Note, all suppliers of goods and services to the State are required to register on the Central Suppliers Database.
2. Prospective suppliers should self-register on the CSD website www.csd.gov.za
3. If a business is registered on the Database and it is found subsequently that false or incorrect information has been supplied, then the Department may, without prejudice to any other legal rights or remedies it may have;

3.1 Cancel a bid or a contract awarded to such supplier, and the supplier would become liable for any damages if a less favorable bid is accepted or less favorable arrangements are made.
4. **The same principles as set out in paragraph 3 above are applicable should the supplier fail to request updating of its information on the Central Suppliers Database, relating to changed particulars or circumstances.**
5. IF THE SUPPLIER IS NOT REGISTERED AT THE CLOSING TIME OF BID, THE SUPPLIER WILL BE DISQUALIFIED AT THE BID EVALUATION PROCESS.

SECTION E: DECLARATION THAT INFORMATION ON CENTRAL SUPPLIER DATABASE IS CORRECT AND UP TO DATE

(To be completed by bidder)

THIS IS TO CERTIFY THAT I (name of bidder/authorized representative), WHO
REPRESENTS (state name of bidder)CSD Registration
Number.....

AM AWARE OF THE CONTENTS OF THE CENTRAL SUPPLIER 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 F: PRICING SCHEDULE – FIRM PRICES

(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 number: Q 70 EDTEA 23/24
Closing Time 15:00	Closing date: 14 March 2024

OFFER TO BE VALID FOR 90 DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	Unit Price	Total for each unit
1				
2				
3				
4				
SUB-TOTAL				
VAT AT 15%				
GRAND TOTAL (BID PRICE IN RSA CURRENCY WITH ALL APPLICABLE TAXES INCLUDED)				

- Required by:
- At:
- Brand and model
- Country of origin
- Does the offer comply with the specification(s)? *YES/NO
- If not to specification, indicate deviation(s)
- Period required for delivery
- 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.

*Delete if not applicable

SECTION G: PRICING SCHEDULE
(Professional Services)

SBD 3.3

Name of bidder.....	Bid number: Q 70 EDTEA 23/24
Closing Time 15:00	Closing date: 14 March 2024

OFFER TO BE VALID FOR 90 DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	DESCRIPTION	BID PRICE IN RSA CURRENCY WITH 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.....

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

.....	R..... days

5.1 Travel expenses (specify, for example rate/km and total km, class of airtravel, 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.....
.....	R.....

TOTAL: R.....

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

Travel expenses (specify, for example rate/km and total km, class of airtravel, 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
.....	R

TOTAL: R.....

- 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?
- 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.

.....

.....

*YES/NO

.....

.....

.....

***[DELETE IF NOT APPLICABLE]**



Any enquiries regarding bidding procedures may be directed to the –

(INSERT NAME AND ADDRESS OF DEPARTMENT/ENTITY)

Tel:

Or for technical information –

(INSERT NAME OF CONTACT PERSON)

Tel:

SECTION H: QUOTATION OFFER

(To be completed by Bidder)

QUOTATION NUMBER: Q 70 EDTEA 23/24

18.1.1 QUOTATION PRICE INCLUDING VAT: R.....

18.1.2 AMOUNT IN WORDS:
.....

18.1.3 TIME FOR COMPLETION/ DELIVERY:calendar months

NAME OF BIDDER:	SIGNATURE	DATE:
---------------------------------	---------------------------	-----------------------

FOR OFFICE PURPOSES ONLY			
<table border="1" style="margin: auto; background-color: #cccccc;"> <tr><td style="padding: 2px;">IMPORTANT</td></tr> <tr><td style="padding: 2px;">Mark appropriate block with "X"</td></tr> </table>		IMPORTANT	Mark appropriate block with "X"
IMPORTANT			
Mark appropriate block with "X"			
1. HAVE ANY ALTERATIONS BEEN MADE?	YES NO		
2. HAS AN ALTERNATIVE BID BEEN SUBMITTED?	YES NO		
3. IF APPLICABLE: DID THE BIDDER ATTEND THE OFFICIAL BRIEFING SESSION/ COMPULSORY SITE INSPECTION?	YES NO		

SECTION I: BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1. If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2. Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1. If so, furnish particulars:

2.3. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

3 DECLARATION

I, the undersigned, (name)..... In submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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 consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 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.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.
 I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

..... Signature Date
..... Position Name of bidder

² 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.

SECTION J: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

19. GENERAL CONDITIONS

19.1 The following preference point systems are applicable to invitations to tender:

- 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 a Rand value above R50 000 000 (all applicable taxes included).

19.2 To be completed by the organ of state

- a) The applicable preference point system for this tender is the 80/20 preference point system.
- b) 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

19.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

19.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

19.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

19.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

20. DEFINITIONS

- (a) “**tender**” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

21.FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

21.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

80/20	or	90/10
$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$	or	$Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT POINTS AWARDED FOR PRICE

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

80/20	or	90/10
$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$	or	$Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will

apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

- (b) 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

80/20 preference point system is applicable.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Preference Goal 1- HDI		
Woman	10	
Preference Goal 2- RDP		
Youth	10	
Total	20	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited
- Non-Profit Company
- State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering 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) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

..... SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:

OWNERSHIP DEMOGRAPHIC SCHEDULE

- ✓ Kindly provide the percentage ownership for each owner according to the following demographic categories; African Male, African Female, Coloured Male, Coloured Female, Indian Male, Indian Female, White Male, White Female, Youth, Disabled, Co-operative and Other.

NO.	ID NUMBER	% AFRICAN		% COLOURED		% INDIAN		% WHITE		% YOUTH	% DISABLED	% CO-OPERATIVE	% OTHER (Specify)
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE				
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
TOTAL													

SECTION K: QUESTIONNAIRE REPLIES

- 1. Are the prices/rates quoted firm?
- 2. Is the delivery period stated firm?
- 3. How will delivery be affected?
- 4. Is the equipment guaranteed for a minimum period of five months?.....
- 5. Are you the accredited agents in the RSA for the manufacture/supply of the goods offered by you?
.....
- 6. What is the address in the RSA (preferably in the Province of KwaZulu-Natal) where machine/goods as offered by you can be inspected under working conditions?
- 7. What is the approximate value of spares carried in stock in the RSA for this particular make and model of machine?
.....
- 8. Where is stock held?
- 9. What facilities exist for the servicing of the machine/goods offered?
.....
- 10. Where are these facilities available?
- 11. What are the names and addresses of the factories where the goods will be manufactured and, if required, inspected?
.....
- 12. Is a special import permit require.....

.....
SIGNATURE OF BIDDER
(PRINT NAME)

.....
DATE

N.B.: THIS FORM IS ONLY TO BE INCLUDED AND COMPLETED WHEN APPLICABLE TO THE QUOTATION

SECTION L: SPECIAL CONDITIONS OF CONTRACT

This quotation is subject to the Preferential Procurement Policy Framework Act and the Preferential Procurement Regulations, 2022; the General Conditions of Contract (GCC) and the following applicable other Special Conditions of Contract.

The offers must remain valid for a period of 90 days from the closing date of the submission of quotations.

1. CONTRACT PERIOD

1.1 01 months from signing of Service Level Agreement

2. EVALUATION CRITERIA

There are *Four (4)* main stages in the selection process, namely, ensuring that quotations comply with administrative Compliance, functionality, and price and preference points (**Specific goals**); and price negotiation.

2.1 Step 1 - Administrative Compliance

Check and verify compliance with the submission and completion of compulsory quotation documents viz Part A & Part B, Sections A to O. Failure to comply with any of the sections contained in the bid document that constitute step one will render the quotations invalid.

The following documentation must be submitted:

CRITERIA		YES	NO	REMARKS
SECTION A	PART A	INVITATION TO BID (SBD 1)	X	
	PART B	TERMS AND CONDITIONS FOR BIDDING (SBD 1)	X	
SECTION B		LIST OF RETURNABLE AND COMPULSORY DOCUMENTS	X	
SECTION C		SPECIAL INSTRUCTIONS REGARDING COMPLETION OF BID		Read only
SECTION D		REGISTRATION ON CENTRAL SUPPLIERS DATABASE	X	
SECTION E		DECLARATION THAT INFORMATION ON CENTRAL SUPPLIERS	X	
SECTION F		PRICING SCHEDULE (SBD 3.1)	X	
SECTION G		PRICING SCHEDULE (SBD 3.3)	X	
SECTION H		BID OFFER		
SECTION I		BIDDER'S DISCLOSURE (SBD 4)	X	
SECTION J		PREFERENCE POINTS CLAIM FORM (SBD 6.1)	X	
SECTION K		QUESTIONNAIRES REPLIES	X	
SECTION L		SPECIAL CONDITIONS OF CONTRACT	X	
SECTION M		GENERAL CONDITIONS OF CONTRACT		Read only
SECTION N		AUTHORITY TO SIGN THE BID	X	
SECTION O		SCHEDULE VARIATION FROM GOODS OR SERVICES INFORMATION		If applicable

2.2 Step 2- Functionality

This quotation will be evaluated on functionality. Bidders are to obtain a minimum qualifying score of **60%** in order to proceed to the next stage of evaluation.

2.3 Step 3 - Preferential Point Evaluation

This quotation will be evaluated using the 80/20 preference point system. (SBD 6.1 to be completed in order to claim preference points as per specific goals stipulated. In order to claim points, required proof for each specific goal indicated below should be attached together with this quotation. Failure to provide documents will result in non-allocation of preference points.

Specific goals	Documents required to determine specific goals respectively
Preference Goal 1- HDI	
Women	Completed ownership demographic form, CIPC Certificate and completed SBD 6.1
Preference Goal 2- RDP	
Youth	Completed ownership demographic form, CIPC Certificate Copy of Identity document and completed SBD 6.1

2.4 Step 4 - Price negotiation

Where applicable the department reserves the right to negotiate price with the recommended bidder.

SECTION M: GENERAL CONDITIONS OF CONTRACT

1. Definitions

The following terms shall be interpreted as indicated:

- 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 "Day" means calendar day.
- 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
- 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.

- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
- 1.25 "Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

5. Use of contract documents and information; inspection.

- 5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- v) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - vi) a cashier's or certified cheque
 - vii) The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

- 1.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 1.2 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 SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

1. Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.

2. Documents to be submitted by the supplier are specified in SCC.

11. Insurance

1. The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

12. Transportation

1. Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

13. Incidental Services

1. The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) performance or supervision of on-site assembly and/or commissioning 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.

2. 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.

14. Spare parts

1. As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

1. The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

2. This 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 final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

3.The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

4.Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

5.If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take 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.

16. Payment

1.The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.

2.The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.

3.Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.

4.Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

1. Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.

18. Contract amendments

1.No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

19. Assignment

1. The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

20. Subcontracts

1.The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

1.Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.

2.If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition

of penalties, in which case the extension shall be ratified by the parties by amendment of contract.

3.No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.

4.The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

5.Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.

6.Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

1.Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

1. The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) if the Supplier fails to perform any other obligation(s) under the contract; or
 - (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
2. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
3. Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
4. If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
5. Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.
6. If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
 - (i) the name and address of the supplier and / or person restricted by the purchaser;
 - (ii) the date of commencement of the restriction
 - (iii) the period of restriction; and
 - (iv) the reasons for the restriction.

- (v) These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

7. If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

1. When, after the date of bid, provisional payments are required, or antidumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

25. Force Majeure

1. Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.

2. 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.

26. Termination for insolvency

1. The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Settlement of Disputes

1. If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

2. If, after thirty (30) 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 his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.

3. Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.

4. Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

5. Notwithstanding any reference to mediation and/or court proceedings herein,

- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- (b) the purchaser shall pay the supplier any monies due the supplier.

28. Limitation of liability

1. Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6;

- (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 penalties and/or 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.

29. Governing language

1.The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

30. Applicable law

1.The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.

31. Notices

- 1. Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice
- 2. The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

32. Taxes and duties

1.A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.

2.A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.

3.No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

33. National Industrial Participation (NIP) Programme

- 1. The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.

34. Prohibition of Restrictive practices

- 1. In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 2. If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 19

ANNEXURE A: TERMS OF REFERENCE (TOR)

APPOINTMENT OF A SERVICE PROVIDER TO PROCURE, SUPPLY AND DELIVERY OF DRONES FOR THE TECHNO HUBS IN NEWCASTLE, RAY NKONYENI AND UMHLATUZE MUNICIPALITIES RESPECTIVELY.

1.DEFINITION OF ACRONYMS/GLOSSARY

3D	Three Dimensional
4IR	Fourth Industrial Revolution
CV	Curriculum Vitae
GB	Gigabyte
ICT	Information and Communication Technology
IDZ	Industrial Development Zone
IOT	Internet of Things
KZN	KwaZulu-Natal
KZN EDTEA	KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs
PSC	Project Steering Committee
R&D	Research and Development
SAQA	South African Qualifications Authority
SLA	Service Level Agreement
SMME	Small, Micro and Medium Enterprise
TOR	Terms of Reference
USB	Universal Serial Bus
VR	Virtual Reality

2.DEPARTMENTAL AND PROGRAMME OVERVIEW

KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs derives its mandate of economic growth and transformation from the Constitution of South Africa and a plethora of national legislative, policies and strategic frameworks. The Acts, Policies and Strategies are critical to direct the vision and mandate of the Department, and it is only through efficiency in the implementation of the legislation, policies, and strategies that the Department can meaningfully contribute to the fight against the triple challenges of development viz.

unemployment, inequality, and poverty. These provide the frameworks for the departments economic planning, development of policies, organisational structure and operational functioning of various programmes and units. The strategic focus of the department is based on the following key policy principles of: Economic transformation, Advancement of Rural and Township economies, Spatial Economic Transformation, Economic Modernization and renewal, Localisation of economic value chains, Beneficiation and value addition, Export focused industrial development, Commonality of Purpose/ Goal Congruence, Innovation and Fourth Industrial revolution, Research and Development, Black industrialization, Building Robust Public Private Partnerships, Investment Promotion; and Entrepreneurship development (small business and cooperative development).

Within the structures of KZN EDTEA is a programme called Trade and Industry Development. Its Purpose is to stimulate economic growth through the promotion of trade and investment in prioritized economic growth sectors and the implementation of strategic initiatives to advance industrial development. The strategic focus of the programme is to increase the manufacturing capabilities of the province and to support our industries to remain globally competitive and sustainable. Key to the work of the programme includes assisting industries to access local value chains, global value-chains and international markets.

Included in this programme is a subprogramme called Strategic Industrial Interventions whose purpose is to provide and facilitate the development of strategic industrial interventions and catalytic infrastructure initiatives with particular focus on the Maritime, Aerotropolis, Industrial Economic Hubs, Techno Hubs, and Special Economic Zones.

In keeping with the focus on Techno Hubs, Innovation and Fourth Industrial Revolution, the KwaZulu-Natal Provincial government has embarked on an initiative to establish Technology Parks/Hubs that will spur economic growth of the province and serve as a catalyst for job creation, investment attraction and innovation. These Techno Hubs are vehicles for the development of an ecosystem that will consist of technology-oriented players. It provides appropriate infrastructure and an enabling environment for job creation and to stimulate industrial competitiveness in technology-oriented sectors. KZN EDTEA (hereinafter referred to as the department) facilitates the growth of technology-oriented sectors.

With innovation being such a critical pillar for economic growth and the advancement of a knowledge economy, it will cut across the other activities in these innovation-oriented Technology Hubs (Parks). While innovation will be a major focus, the technology park/hub will consist of appropriate precincts that will form a hybrid technology park for the dominant and emerging sectors of the region/municipalities, nationally and globally. It will house businesses, R&D & Innovation facilities such as Technology Innovation Support Centres, Incubators, Technology Commercialization Facilities, Fourth Industrial Revolution Centres, Agencies, Local and Foreign Companies, and Investors.

These technology parks/hubs have been established in Newcastle (Newcastle Municipality), Richards Bay (Umhlatuze Municipality) and Shelley Beach (Ray Nkonyeni Municipality). The size of each of these sites is 200

000 square metres (20 hectares). Phase One of each of these Techno Parks/ Hubs has already been constructed with a single building. Each building occupies an area of 400 square metres. Furniture and ICT equipment have been installed in each of the Techno Hubs to kick-start a Technology Innovation Support programme at each of these Techno Hubs, with a Technology Innovation Support Centre already being one component of the Techno Hubs that has been established with programmes in place.

The ever-increasing acceleration of the emergence of new technologies and transformation of varying segments of society, compels all actors to integrate the new class of high-end technologies in a systemic manner into vertical and horizontal cyber-physical systems. It is imperative that all role players recognize the acceleration of innovation and the velocity of disruption. This occurrence behooves the need to act in a manner to comprehend and anticipate this pervasive super- disruption. These drivers should not constitute a source of constant surprise. The impact on income and quality of life of these new technologies on society, has led to the clustering of these emergent generational technologies and coining them as the Fourth Industrial Revolution (4IR) technologies.

The Fourth Industrial Revolution(4IR), a new 3rd millennium revolution, is being manifested through the emergence of new technologies and investments, and crucially, the change of people's mentality. It is characterised by increased automation of working practices, effecting both low and middle skill jobs, greater connectivity, machine learning and developments in new and emerging technologies. This increased automation is transpiring at a considerably faster pace than in preceding industrial revolutions.

Due to the Fourth Industrial Revolution's(4IR) potential to raise income levels and improve the quality of human life, it consequently affects and has a major impact on business, government, and people's lives. Its objective is the fusion of technologies that link the physical world closer to the biological and digital world, propagated by technical-scientific discoveries, the magnitude and profound impact of the transformations generated on production, and the management and governance system.

Some of the Technologies that have been clustered into fourth industrial revolution technologies are advanced robotics, drones, new materials, digital e.g., Internet of Things (IoT), Blockchain, Bitcoin, genetic sequencing, synthetic biology, genetic modification / engineering / editing, 3D printing, embedded devices and Reality Technology e.g., Virtual and Augmented.

The realization of this new revolution that crept upon us, impels the Techno Hubs initiative to integrate and engender the fusion and utilization of the Fourth Industrial Revolution(4IR) technologies into its programmes. Hence KZN EDTEA has embarked on an initiative to source the provision of Drones, to enable the integration of 4IR into the Techno Hubs programmes in the initial stages.

DRONES

Drones, also referred to as unmanned aerial vehicle (UAV) or unpiloted aerial vehicle and a remotely piloted aircraft (RPA), is an aircraft without a human pilot aboard. Its flight is controlled either autonomously by onboard computers or by the remote control of a pilot on the ground or in another vehicle.

Drones are used in a growing number of civil applications, such as policing and firefighting, and non-military security work, such as inspection of power or pipelines, aerial surveying of crops, acrobatic aerial footage in filmmaking, search and rescue operations, counting wildlife, delivering medical supplies to remote or otherwise inaccessible regions, border patrol missions, forest fire detection, surveillance, coordinating humanitarian aid, detection of illegal hunting, land surveying, fire and large-accident investigation ,landslide measurement, illegal landfill detection, crowd monitoring, livestock monitoring, wildfire mapping, home security, road patrol and anti-piracy.

The trend for the use of drone technology in civil and commercial aerial surveillance is expanding rapidly with increased development of automated object detection approaches.

3. PURPOSE OF THE TOR

The purpose of this document is to solicit the services of Drone providers who could assist KZN EDTEA and beneficiaries in implementing the project. The TOR specifies the requirements of KZN EDTEA to be responded to by potential bidders. Potential bidders can include a firm or consortium of firms or a consortium of individual experts. The Department is looking for service providers who can effectively demonstrate how they will deliver these objectives, whilst providing value for money. It is therefore important that prospective bidders, clearly and concisely describe their plans for each of the specific outcomes, timeframes, resource allocations, deliverables, and risk management strategies.

The Service Providers will have to provide the following services for the project:

- Supply, deliver and install (ready to use) the required Drones as indicated in the table below at the Techno Hubs in Newcastle (Newcastle Municipality and Shelley Beach (Ray Nkonyeni Municipality) and Richards Bay (Umhlatuze Municipality)

4. PROJECT OBJECTIVES

The global labour market is increasingly adopting new exponential technologies. As these technologies continue to become more mainstream, one must consider how these technologies become a key competitive differentiator and the impact in utilizing these new technologies will have on our society and workforce. Hence a broad spectrum of responsibilities emerges for government and other stakeholders to utilize these exponential technologies, commonly referred to as fourth industrial revolution technologies, to drive transformational change and social impact. These technologies lead to the creation of open platforms and new business ideas in innovative technological industries.

Thus, KZN EDTEA is called upon to support the province's participation in the Fourth Industrial Revolution and pursue programs to support such efforts. One such programme is the Techno Hubs which is a key vehicle to help businesses overcome entry barriers to existing business ecosystems established by big technological players in the growing field of Drone technology. Equipping the Techno Hubs with this technology would spur entrepreneurship and job creation. It would inculcate modernization and appropriate infrastructure to upgrade skills required for 4IR-induced and ICT-based job opportunities, initiated by the Techno Hubs programme.

As innovative concepts change with technology, integrating the Techno Hubs with Drone technologies will give rise to possibilities that generate abundant opportunities for new products and services, better ways to serve customers, new types of jobs and wholly new business models. Thus, **KZN EDTEA needs to harness the full potential of integrating Drone technologies into the techno hubs programmes to enable citizens and society to better participate in the exponential, 3rd millennium technological revolution, coined as the fourth industrial revolution.** This effort can be accomplished by adding on with the provision of Drone technology at the 3 Techno Hubs in Newcastle, Ray Nkonyeni, and Umhlatuze Municipalities respectively.

The following points contribute to the strengths of implementing the project.

- KZN has decided to develop the province into a smart, leading edge, innovative, technologically enhanced region.
- Phase One of the 3 Techno Hubs (Technology Parks) have been constructed in Newcastle (Newcastle Municipality and Shelley Beach (Ray Nkonyeni Municipality) and Richards Bay (Umhlatuze Municipality).
- Furniture and ICT equipment have already been installed at the Techno Hubs with the commencement of Technology Innovative Support programmes.
- There are several youth and new generation up-starts that have the capability of acquiring fourth industrial revolution skills. This capability extends to create, inaugurate and implement applications across techno-economic paradigms, utilizing Drone technologies.
- There are several individuals/companies and organizations with innovative ideas that can be integrated into 4IR technology domains and who require support from the Techno Hub within a particular ecosystem to propel them to commercialization.

The project will provide the following opportunities:

- Enable the commercialization of innovative ideas utilizing Drone technologies.
- Provide inhabitants in the Techno Hubs region with access to Drone resources required for technology innovation support.
- Attainment of Drone Handling skills required for technology development and application.
- Mold KZN into a technology enhanced fourth industrial revolution region that is globally competitive.

- Enable the adoption and diffusion of innovative products enhanced with the application of Drone technologies.
- Create new era jobs that are required for the fourth industrial revolution.

This project is aligned to the KZN EDTEA's strategic objective of

- To promote a conducive environment for the creation of sustainable jobs (i.e., skills development, access to resources and infrastructure provision).

4.1 OVERALL OBJECTIVE

The **overall objective** of the project is to enable new technology and innovations underpinned by the integration of ICT and fourth industrial revolution technologies (viz Drones) to grow an innovation-based knowledge economy that will create jobs and enhance technology-oriented industrial competitiveness of KZN.

4.2 KEY OUTPUT

The **specific objective** of the project is to source service providers for the provision and installation of Drone technologies at the Techno Hubs in Newcastle, Ray Nkonyeni, and Umhlatuze Municipalities respectively.

The key outputs are:

4. Provision of Drones as specified in the table below.
5. Supply, delivery, and installation(ready to use) of the Drones as specified in the table below.

The specifications for the Drones that are required are indicated in the table below:

DRONE SPECIFICATIONS

Drone Specifications: DJI Mavic 2 Enterprise Dual (Or Equivalent)	
Aircraft	
Take-Off Weight (Without Accessories)	Maximum 900g
Take-Off Weight	Maximum 1100g
Dimensions	Up to: Folded : 214×91×84 mm Unfolded: 322×242×84 mm Unfolded + Spotlight : 322×242×114 mm Unfolded + Beacon : 322×242×101 mm Unfolded + Speaker : 322×242×140 mm
Diagonal Length	Maximum 354 mm
Service Ceiling Above Sea Level	Maximum 6000 m
Ascent Speed	Maximum 5 m/s (S-mode)

	4 m/s (P-mode) 4 m/s (S-mode with accessories) 4 m/s (P-mode with accessories)
Descent Speed	Maximum 3 m/s – S-Mode Maximum 3m/s – P-Mode
Speed	Maximum 80 kph (S-mode, without wind) Maximum 53 kph (P-mode, without wind)
Flight Time (No Wind)	Minimum 25 minutes – Maximum 34 minutes
Hovering Time (No Wind)	Minimum 22 min and Maximum Up to 34 min 27 min (with beacon turned on) 28 min (with beacon turned off) 22 min (with spotlight turned on) 26 min (with spotlight turned off) 25 min (with speaker turned on) 26 min (with speaker turned off)
Hovering Accuracy Range	Vertical: Up to ± 0.1 m (with Vision Positioning) Up to ± 0.5 m (with GPS Positioning) Up to Horizontal: ± 0.3 m (with Vision Positioning) Up to ± 1.5 m (with GPS Positioning)
Wind Resistance	Minimum 29kph ; Maximum 38 kph
Working Temperature	Minimum -10°C ; Maximum 40°C
Tilt Angle	Maximum 35° (S-mode, with remote controller) Maximum 25° (P-mode)
Angular Velocity	Maximum $200^{\circ}/\text{s}$ (S-Mode) Maximum $100^{\circ}/\text{s}$ (P-Mode) $200^{\circ}/\text{s}$ (SMode) Maximum $100^{\circ}/\text{s}$ (P-Mode)
Working Frequency	2.400 – 2.4835 GHz 5.725 – 5.850 GHz
Transmission Power (EIRP)	SRRC : ≤ 20 dBm MIC : ≤ 20 dBm 5.725-5.850 GHz FCC : ≤ 26 dBm CE : ≤ 14 dBm SRRC : ≤ 26 dBm
Internal Storage	Minimum 24 GB
GNSS	GPS + GLONASS
M2ED Thermal Camera	
Sensor	Uncooled VOx Microbolometer
Lens	HFOV: 57° Aperture: f/1.1
Sensor Resolution	Minimum 160×120
Pixel Pitch	Minimum $12 \mu\text{m}$

Spectral Band	Minimum 12 μ m
Image Size	Minimum 640×480 (4:3); Maximum 640×360 (16:9)
Still Photography Mode	Single shot Burst shooting: Up to 3/5/7 frames
Video Recording Modes	Minimum 640×360 @8.7fps
Accuracy	High Gain: Maximum \pm 5% (typical) Low Gain: Maximum \pm 10% (typical)
Scene Range	High Gain: -10° to +140°C Low Gain: -10° to +400°C
Photo	JPEG
Video	MP4, MOV (MPEG-4 AVC/H.264)
M2ED Visual Camera	
Sensor	1/2.3" CMOS; Effective pixels: Up to 12M
Lens	FOV: approx. 85° 35 mm format equivalent: 24 mm Aperture: f/2.8 Focus: 0.5 m to ∞
ISO Range	Video: Minimum 100 ; Maximum-3200 (auto) Photo: Minimum 100 ; Maximum, 1600 (auto)
Image Size	Minimum 4056×3040 (4:3) Maximum 4056×2280 (16:9)
Still Photography Mode	Single shot Burst shooting: Up to 3/5/7 frames Interval (Up to 2/3/5/7/10/15/20/30/60 s)
Image Size	Minimum 640×480 (4:3); Minimum 640×360 (16:9)
Still Photography Modes	Single shot Burst shooting: Up to 3/5/7 frames
Video Recording Modes	Minimum 4K Ultra HD : 3840×2160 30p Minimum 2.7K : 2688×1512 30p Minimum FHD : 1920×1080 30p
Video Bitrate	Minimum 75 Mbps Maximum 100 Mbps
Photo	JPEG
Video	MP4, MOV (MPEG-4 AVC/H.264)
M2E Camera	
Sensor	1/2.3" CMOS; Effective pixels: Minimum 12M
Lens	FOV : 82.6°(24 mm) ; 47.8°(48 mm) Format equivalent : 24-48 mm Aperture : f/2.8(24 mm)-f/3.8(48 mm) Autofocus at : 0.5 –
ISO Range	Video: Minimum 100; Maximum 3200 Photo: Minimum 100; Maximum 1600(Auto)

	Minimum 100 ; Maximum 3200(Manual)
Shutter Speed	Maximum 8-1/8000s
Still Photography Mode	Single shot Burst shooting: Up to 3/5/7 frames Auto Exposure Bracketing (AEB): Up to 3/5 bracketed frames at 0.7 EV Bias Interval (JPEG: Up to 2/3/5/7/10/15/20/30/60s RAW: Up to 5/7/10/15/20/30/60s)
Still Image Size	Maximum 4000×3000
Video Resolution	Minimum 4K: 3840×2160 24/25/30p Minimum 2.7K: 2720×1530 24/25/30/48/50/60p Minimum FHD: 1920×1080 24/25/30/48/50/60/120p
Supported File System	FAT32 (Minimum 32 GB); exFAT (Higher than 32 GB)
Video Bitrate	Minimum 75 Mbps Maximum 100 Mbps
Photo	JPEG, DNG (RAW)
Video	MP4 / MOV (MPEG-4 AVC/H.264)
Sensing System	
Sensing System	Omnidirectional Obstacle Sensing
Forward	Precision Measurement Range: min. 0.5 ; max. 20 m Detectable Range: min 10 ; max 45 m Effective Sensing Speed: Up to ≤ 14m/s FOV: Max. Horizontal: 40° , Max. Vertical: 70
Backwards	Precision Measurement Range: Min 0.5 ; Max. 16 m Detectable Range: Min 5m; Max 35 m Effective Sensing Speed: Up to ≤ 12m/s FOV: Max Horizontal: 60° , Max Vertical: 77°
Upward	Precision Measurement Range: Min. 0.1 ; Max .10 m
Downward	Precision Measurement Range: Min. 0.5 ; Max 15m Detectable Range: Min. 10; Max 25 m
Sides	Precision Measurement Range: Min 0.5 ; Max 15m Effective Sensing Speed: Up to ≤ 8m/s FOV: Max Horizontal: 80° , Max Vertical: 65°
Operating Environment	Forward, Backward and Sides: Surface with clear pattern and adequate lighting (lux > 15) Upward: Detects diffuse reflective surfaces (>20%) (Walls, trees, people, etc.) Downward: Surface with clear pattern and adequate

	lighting (lux > 15) Detects diffuse reflective surfaces (>20%) (Walls, trees, people, etc.)
M2E Beacon	
Dimensions	Minimum 68 x 40 x 27.8 mm
Port Type	USB Micro-B
Power	Avg. 1.6W
Controllable Range	Max 5000 m
Light Intensity	Min Angle: 55 cd. Light intensity: 157 cd
M2E Spotlight	
Dimensions	Minimum 68x60x41 mm
Port Type	USB Micro-B
Operating Range	Maximum 40 m
Power	Max 30W
Illuminance	FOV17°, Max: 11lux @ 30m Straight
M2E Speaker	
Dimensions	Minimum 68 x 55 x 65 mm
Port Type	USB Micro-B
Power	Max 12W
Decibel	100 db @ 1 meter distance
Bitrate	Max. 20 kbps
Intelligent Flight Battery	
Capacity	Max. 4000 mAh
Voltage	Max. 16 V
Charging Voltage	Max. 18 V
Battery Type	LiPo
Energy	Max 60 Wh
Net Weight	Max. 300 g
Charging Temperature Range	Min. 5° ; Max 42°C
Working Temperature	Min. 5° ; Max 42°C
Charging Power	Max 85 W
Heating Methods	Manual Heating; Auto Heating
Heating Temperature	Min -20°C ; Max 6°C
Heating Duration	600s (Max)
Heating Power	40W (Max)
Charging Time	Max. 90 min
Charger	
Input Voltage	100-240V, 50-60Hz, 1.8A
Output voltage and Current	Main: 17.6V = 3.41A or 17.0V=3.53 USB: 5 V = 2 A
Voltage	17.6±0.1V
Rated Power	Max 64W
SDK Remote Controller	
Working Frequency	2.400 – 2.483 GHz; 5.725 – 5.850 GHz
Maximum Distance for Effective Signal	2.400 – 2.483 GHz; 5.725 – 5.850 GHz FCC: 8000 m CE: 5000 m SRRC: 5000 m

	MIC: 5000 m
Working Temperature	Min. 5° ; Max 42°C
Transmitting Power (EIRP)	2.4 – 2.4835 GHz FCC: ≤26 dBm; CE: ≤20 dBm; SRRC: ≤20 dBm MIC: ≤20 dBm 5.725 – 5.850 GHz FCC: ≤26 dBm; CE: ≤14 dBm; SRRC: ≤26 dBm
Built-In Battery	Max. 4000mAh
Working Current/Voltage	1800mA = 3.83V
Charging Time	Max. 2 hours 20 min
Mobile Device Holder	Thickness Supported:6.5-8.5 mm, Max length: 160 mm
RC Size	Max. Folded : 145×80×48 mm (L×W×H) Unfolded: 190×115×100 mm (L×W×H)
Supported USB port types	Lightning, Micro USB (Type-B), USB Type-C™
Gimbal	
Mechanical Range	Tilt: -135 – +45° Pan: -100 – +100°
Stabilization	3-axis (pitch, roll, yaw)
Controllable Range	Tilt: -90 – +30° Pan: -75 – +75°
Control Speed (tilt)	Max 120°/s
Angular Vibration Range	±0.005
App / Live View	
Video Transmission System	OcuSync 2.0
Mobile App	DJI PILOT – Minimum Required
Live View Quality	Remote Controller: Min. 720p@30fps / Max. 1080p@30fps
Live View Bitrate	Minimum 45 Mbps; Maximum 80 Mbps
Latency	Min. 120 ; Max. 130 ms
USB Power Supply	1 A= 5.2 V (max)
Required Operating Systems	iOS 10.0 or later Android 5.0 or later
Support SD Cards	
Supported SD Cards	Micro SD™ Supports a microSD with a minimum capacity of 128 GB. A UHS-I Speed Grade 3 rating microSD card is required.
Purchase must include	
Drone • Remote Controller • Speaker • Spotlight • Beacon • Spare Batteries x2 • Hard Shell Carry Case	

<ul style="list-style-type: none"> • Spare propellers (Set) • Power USB Cable Type-C • RC Cable • Spare Control Sticks 	
Additional Accessories – MAVIC 2 ENTERPRISE DUAL (OR EQUIVALENT ON ALL ITEMS)	
Batteries	Intelligent Self-Heating Flight Battery for Mavic 2 Enterprise Battery to Power Bank Adapter for Mavic 2 Pro/Zoom/Enterprise Batteries
Chargers	Car charger for Mavic 2 Pro/Zoom/Enterprise Batteries (must be capable to connect with multi-charger)
	Battery Charger for Mavic 2 Pro/Zoom/Enterprise (Must include AC Cable)
	Battery Charging Hub for Mavic 2 Pro/Zoom/Enterprise Batteries
Propellers	Low-Noise propellers for Mavic 2 (Set)
Landing Gear	Spare landing gears for Mavic 2 Pro/Zoom/Enterprise
	Landing Gear Extensions for Mavic 2 Enterprise
Other	Mavic 2 Enterprise Beacon
	Mavic 2 Enterprise Speaker
	Mavic 2 Enterprise Spotlight
Included Items	User Manual Operations Manual Troubleshooting Manual

5. SCOPE OF WORK

5.1 SPECIFIC DELIVERABLES

The following deliverables will be expected for the duration of the project:

6. A Gant Chart, indicating project milestones and timelines.
7. Provision of Drones as specified in the table above. (Quantity specified in table below in Annexure 4.
8. Supply, delivery, and installation of Drones as specified in the table above.
9. A report on progress during the project period.

The timeous delivery of these outputs will be used to assess the efficiency of the service provider.

5.1.1 MEASUREMENT INDICATORS

The following indicators will be used to measure the effective implementation of the project by the service provider:

- Quality and timeous supply, delivery, and installation (ready to use) of the Drones at each of the Techno Hubs.
- Quality and timeous delivery of the Gant Chart and a progress report

The indicators will be used to assess the overall effectiveness of the service provider in conducting the project.

5.2 SPECIFIC TASKS AND ACTIVITIES

The following activities are required from the service provider:

5.2.1 Project Management

- Undertake financial administration, record keeping, minutes, project files, management of procurement systems, logistical arrangements for meetings.
- Draw up a one (1) month work plan (Gant Chart) outlining milestones, processes and timelines.
- Indicate project monitoring processes and instruments.

5.2.2 Provide Drones

The Service Provider must perform the following:

3. Provide Drones according to the specifications indicated in the table above.
4. Supply, deliver and install (ready to use) Drones at Newcastle, Umhlatuze (Richards Bay) and Ray Nkonyeni Techno Hubs

5.3. DURATION AND PHASING

5.3.1 Location

The provision, delivery and installation (ready to use) of the Drones must be done at each of the 3 sites of the Techno Hubs.

5.3.2 Commencement Date and Period of Execution

The duration of the project is one-month (1) month from date of issue of order.

5.3.3 Project Phasing

The work on the project should be undertaken in 2 phases consisting of the inception phase, and implementation phase.

Phase One

Phase One of the project entails the Service provider submitting a Gant Chart, that indicates the project milestones and timelines, for approval by KZN EDTEA within 1 week after the issue of the purchase order..

Phase Two

This phase will consist of implementing the work-plan as per the agreed Gant Chart. It will consist of the delivery of the following:

- Provision of Drones
- Delivery of Drones
- Installation of Drones
- This phase must be done over a period of 3 weeks.

6. TEAM COMPOSITION

6.1 PERSONNEL

For this project the Service Provider should demonstrate skills, knowledge, and competencies in the following areas:

- Specifications of Drones.
- Knowledge and experience on supply, delivery, and installation of the required Drones

The Service Provider must submit a company profile that demonstrates their previous experience in projects of a similar nature.

7. ENTERPRISE EXPERIENCE

Provide a list of projects undertaken by the company in the table below.

To validate experience indicated hereunder, bidders must provide at least 3 purchase orders/signed detailed references letter/award letters from previous clients.

The bidders are required to complete the following table:

Name of the Institution	Project Name	Project Description	Project Duration	Contact Person	Value of Project

8. REPORTING REQUIREMENTS

The overall management of the contract within KZN EDTEA will vest with the Project Manager of Techno Hubs.

- The Service Provider is required to submit a correspondence at the completion of the task for each of the Techno Hubs indicating completion of task. This must be submitted together with the invoice. Payment will be effected once the Project Manager Techno Hubs is satisfied that all deliverables as indicated above have been accomplished.
- All correspondences and invoices must be signed by the Service Provider.

9. BID REQUIREMENTS

9.1. Price Breakdown

In addition, as part of the Proposal/Bid Document, bidders are requested to submit a financial proposal, eg

Use *the following table below and insert unit price and total costs as an example*)

ITEM	QUANTITY REQUIRED	UNIT PRICE (excluding VAT)	TOTAL COST OF ITEMS (excluding VAT)
Drones	15 (5 at each of the Techno Hubs)		
Delivery Fee			R
Total amount(excluding Vat			R
Vat (for Vat Vendor)			R
Grand Total Price			R

N.B. All the other cost factors pertaining to ownership, including warranty will be handled by the respective municipality and RBIDZ.

10. EVALUATION CRITERIA

The Evaluation Process will be conducted in the following phases:

Phase 1	Phase 2	Phase 3	Phase 4
Administrative Compliance	Functionality Requirement	Price and Preference	Negotiation and, Final Award
Compliance with Mandatory Requirements.	Bidders will be assessed to verify the capacity/capability to execute the contract, or the quality aspects of goods or services required.	Bids will be evaluated using the 80/20 preference points system	Negotiation will take place with the recommended service provider, if necessary, then Final award will be made.

Table 1: Phases for Evaluation

10.1 Phase 1 - MANDATORY REQUIREMENTS FOR ADMINISTRATIVE COMPLIANCE

CSD Registration number	The Entity must be registered as a service provider on the Central Supplier Database (CSD). If you are not registered, proceed to complete the registration of your company prior to submitting your proposal.
Bidder’s Disclosure – SBD 4	Completed and signed
Authority to Sign a Bid: COMPANIES	The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box. A resolution letter must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u>
Authority to Sign a Bid: SOLE PROPRIETOR (ONE – PERSON BUSINESS)	The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box. A resolution letter must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u>

<p>Authority to Sign a Bid: CLOSE CORPORATION</p>	<p>The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box.</p> <p>A resolution letter must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u></p>
<p>Authority to Sign a Bid: CO-OPERATIVE</p>	<p>The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box.</p> <p>A resolution letter must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u></p>
<p>Authority to Sign a Bid: JOINT VENTURE</p>	<p>The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box.</p> <p>Resolution/agreement passed/reached' signed by the authorised representatives of the enterprises must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u></p>
<p>Authority to Sign a Bid: CONSORTIUM</p>	<p>The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box.</p> <p>Resolution/agreement passed/reached' signed by the authorised representatives of the enterprises must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u></p>
<p>Authority to Sign a Bid: PARTNERSHIP</p>	<p>The bidder must indicate the enterprise status by completing the authority to sign section and signing the appropriate box.</p> <p>A resolution letter must be submitted together with this bid and <u>such resolution shall include a specimen signature of the signatory.</u></p>

10.2 Phase 2 – Functionality requirements

For bids where functionality is part of the evaluation process, they will be assessed in terms of functionality criteria stipulated hereunder. In order to progress to the next stage of evaluation, service providers must score a minimum of **60%** of the total points outlined in the Evaluation Grid.

10.2.1 EVALUATION CRITERION FOR FUNCTIONALITY

No	Evaluation Criteria	Guidelines	Maximum Points
1	<p>Experience of Company in execution & management of projects of a similar nature.</p> <p>Provide at least 3 orders/signed detailed references letter/award letters from clients detailing the actual work completed for supply, delivery, and installation of Drones.</p>	<p>The bidder's proven competency in rendering a similar service, extensive knowledge of the project proven by the number of similar projects completed. Detailed references from clients detailing the actual work completed. The letters/orders must include the company name, Contactable references and contact numbers, and value of the contract.</p>	50
Overall Score Total			50

10.3 Phase 3 – Price and Preference

Bidders who obtained a minimum qualifying score of 60% will progress to the next stage of price and preferential points based on the 80/20 preference points system.

The form in Annexure 4 must be completed by the tenderer and submitted as a component of the proposal.

10.3.1 Points Awarded for Specific Goals

In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in the table below and may be supported by proof/ documentation stated in the same table

Specific goals for the tender and points to be claimed are indicated in the table below:

Specific goals	Direct Preference Points (80/20)	Documents required to determine specific goals respectively
Women	10	Completed ownership demographic form, CIPC Certificate and completed SBD 6.1
Youth	10	Completed ownership demographic form, CIPC Certificate Copy of

		Identity document and completed SBD 6.1
Total Points for development Objectives	20	

Financial proposals will also be assessed in terms of reasonableness of cost in relation to prevailing fee guidelines, consistency with technical bid submitted and value for money.

10.4 Phase 4 – Final Award, Negotiation

The Department of Economic Development, Tourism and Environmental Affairs reserves the right to either NOT make an appointment and /or appoint the bidder with the highest score. The Department also reserves its right to negotiate the final price of those bids deemed technically compliant.

ANNEXURE B: EVALUATION GRID
To be completed for tender by each evaluator

Name of project	Maximum	Initial assessment
Name of the project: Appointment of a service provider to procure, supply, deliver and install Drones for the Techno Hubs in Newcastle, Ray Nkonyeni and Umhlatuze Municipalities respectively. (as per specifications)		
COMPANY EXPERIENCE References provided from Clients: Provide at least 3 purchase orders/signed detailed references letter/award letters from clients detailing the actual work completed for supply, delivery, and installation of Drones. The letters/orders must include the company name, contactable references, and value of the contract.	(50)	
5 and above purchase orders/signed detailed references letter/award letters = 50 Points		
4 purchase orders/signed detailed references letter/award letters = 40 Points		
3 purchase orders/signed detailed references letter/award letters = 30 Points		
2 purchase orders/signed detailed references letter/award letters = 20 Points		
1 purchase orders/signed detailed references letter/award letters = 10 Points		
0 signed detailed reference letters = 0 Points		
Total Evaluation Score	50	
Minimum passing score	60%	

Strengths	
Weaknesses	

Evaluation performed by:

Name	
Signature	
Date	

ANNEXURE C: CV FORMAT

CURRICULUM VITAE max 3 pages

Proposed role in the project:

1. Family Surname:
2. First names:
3. Date of birth:
4. Nationality:
5. Civil status:
6. Education:

Institution [Date from - Date to]	Qualification obtained:

7. Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 basic)

Language	Read	Speak	Write

8. Membership of professional bodies: -
9. Other skills: (e.g. Computer literacy, etc.)
10. Present position:
11. Years within the firm:
12. Key qualifications: (Relevant to the project)
13. Professional Experience

Date from -Date to	Location	Company	Position	Description of projects/responsibilities etc.

14. Other relevant information (e.g., Publications)

ANNEXURE D: STATEMENT OF EXCLUSIVITY AND AVAILABILITY

Statement of exclusivity and availability Tender ref: _____

I, the undersigned, hereby declare that I agree to participate exclusively with the tenderer _____ in the above-mentioned service tender procedure. I further declare that I am able and willing to work for the period(s) foreseen for the position for which my CV has been included.

From	To

By making this declaration, I understand that I am not allowed to present myself as a candidate to any other tenderer submitting a tender to this tender procedure. I am fully aware that if I do so, I will be excluded from this tender procedure, the tenders may be rejected, and I may also be subject to exclusion from other tender procedures and contracts funded by the KZN Department of Economic Development Tourism and Environmental Affairs.

Furthermore, should this tender be successful, I am fully aware that if I am not available at the expected start date of my services for reasons other than ill-health or *force majeure*, I may be subject to exclusion from other tender procedures and contracts funded by the KZN Department of Economic Development Tourism and Environmental Affairs and that the notification of award of contract to the tenderer may be rendered null and void.

Name	
Signature	
Date	

ANNEXURE: E (Board Resolution)

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED AT THE MEETING OF THE BOARD OF DIRECTORS

OF (Company Name) _____ HELD ON (Date) ___/___/_____

AT (Address) _____

RESOLVED THAT the company has authorized, Mr/Ms. _____ in his/her capacity _____ and is hereby authorized to sign all documents in connection with this quotation and any contract resulting therefrom on behalf of the enterprise. The acts done and documents shall be binding on the company, until the same is withdrawn by giving written notice thereof.

Specimen Signature of Authorised Signatory:

(Signature)

I/We, the undersigned, being the Member(s) of the enterprise RESOLVED FURTHER THAT, a copy of the above resolution duly certified as true by designated director / authorised signatory of the company be furnished with responses to RFQ (Request for Quotations).

NO	DIRECTORS NAME AND SURNAME	SIGNATURE	DATE
1.			
2.			
3.			
4.			
5.			
6.			

COMPANY STAMP
