

#### **BID NOTICE**

STELLENBOSCH MUNICIPALITY HEREBY INVITES YOU TO TENDER FOR B/SM 30/21: SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023

TENDER NUMBER: B/SM 30/21

DESCRIPTION: SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES

FROM DATE OF AWARD UNTIL 30 JUNE 2023

CLOSING DATE: 25 January 2021

CLOSING TIME: 12h00: Bids will be opened in the Council Chambers or Supply Chain Management Boardroom

**INFORMATION:** 

Tender Specifications:

SCM Requirements:

Neville Langenhoven at 021 808 8756, e-mail neville.langenhoven@stellenbosch.gov.za

Gerald Kraukamp at 021 808 8519, e-mail gerald.kraukamp@stellenbosch.gov.za

Office hours for collection: 08h00-15h30

A Compulsory Clarification Meeting will be held on 13 January 2021 at 11h00. The Compulsory Clarification meeting will be held via the Microsoft Teams App. Tenderers must ensure to download the App and give Roxanne Langeveldt at roxanne.langeveldt@stellenbosch.gov.za the necessary contact details (email address and cell phone number) at least 48 hours prior to the meeting to enable to set up a virtual meeting. Tenderers who fail to forward their details in the time frame (11 January 2021 at 11h00) will not attend the briefing session. Tenderers who fail to attend the compulsory information session will be regarded as non-compliant.

Local production and content is applicable to this bid. Bidders must use the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on 12 December 2020. The guidance document for the calculation of local content is included in the bid document and is also available on the municipality's website by following the Supply Chain Management link. If raw material or input to be used for a specific item is not available locally, bidders should obtain written authorisation from the DTI should there be a need to import such raw material or input. A copy of the authorisation letter must be submitted together with this tender document at the closing date and time of bid

Tenders may only be submitted on the Tender documentation issued by Stellenbosch Municipality and must be valid for **180 days** after tender closing. Late, electronic format, telephonic or faxed Tenders will not be considered, and Stellenbosch Municipality does not bind itself to accept the lowest, part of or any Tender.

Sealed Tenders, with "B/SM 30/21: SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023.", clearly endorsed on the envelope, must be deposited in the Tender box at the offices of the Stellenbosch Municipality, Plein Street, Stellenbosch. The Tender box is accessible 24 hours a day and Tenders must be accompanied by the completed Tender documents. Tenders not accompanied by a complete Tender document, will not be considered.

<u>NOTE:</u> This tender will be evaluated in terms of the General Conditions of Contract, Supply Chain Management Policy, relevant specification, local content as depicted in the document and also the Preferential Procurement Regulations, 2017 that was promulgated by the Minister of Finance on 20 January 2017 in Government Gazette No 40553.

The preferential points system applied is as follows:

Price 80 B-BBEE status level of contribution 20

The following conditions to Tender exist (failure to comply may result in your Tender being disqualified):

100

- 1. This Tender is subject to the Standard Conditions of Tender and special conditions for Tendering;
- Relevant terms of reference;

**Total points for Price and B-BBEE** 

- 3. Tenderers must be registered on the Central supplier database (CSD) if they wish to conduct business with the municipality;
- 4. No award will be made to tenderers whose tax status is non-compliant;
- Tenders submitted must be in a sealed envelope clearly marked with the Tender number, placed in the tender box before closing time. Failure will result in the tender being invalid;

Tender documents, in English, are available free of charge on the website: <a href="www.stellenbosch.gov.za">www.stellenbosch.gov.za</a>. Alternatively, hard copies of the document are obtainable from the offices of the Supply Chain Management Unit, Stellenbosch Municipality, 1st Floor, Plein Street, Stellenbosch, upon payment of a non-refundable fee of R285.00per document.

G Mettler (Ms)
MUNICIPAL MANAGER



#### **TENDER KENNISGEWING**

STELLENBOSCH MUNISIPALITEIT NOOI U VIR DIE VOLGENDE TENDER: B/SM 30/21 VOORSIENING EN AFLEWERING VAN HOMMELTUIE EN RELEVANTE DEMONSTRASIE, INSLUITEND HOMMELTUIG-BYKOMSTIGHEDE VANAF DIE TOEKENNINGSDATUM TOT 30 JUNIE 2023

TENDER NOMMER: B/SM 30/21

BESKRYWING: VOORSIENING EN AFLEWERING VAN HOMMELTUIE EN RELEVANTE DEMONSTRASIE, INSLUITEND

HOMMELTUIG-BYKOMSTIGHEDE VANAF DIE TOEKENNINGSDATUM TOT 30 JUNIE 2023

SLUITINGSDATUM: 25 Januarie 2021

TYD VAN SLUITING: 12h00. Tenders sal oopgemaak word in die Raadsaal of in die Voorsieningskanaalbestuurs

Komitee Kamer.

**NAVRAE:** 

Tender spesifikasies: Neville Langenhoven at 021 808 8756, e-pos neville.langenhoven@stellenbosch.gov.za
Vkb vereiste: Gerald Kraukamp at 021 808 8519, e-pos gerald.kraukamp@stellenbosch.gov.za

**Kantoor Ure:** 08h00-15h30

n Verpligte inligtingsessie sal gehou word op **13 Januarie 2021 at 11h00**. Die verpligte inligtingsessie sal via die Microsoft Teams-app gehou word. Tenderaars moet toesien dat hulle die "App" aflaai en Roxanne Langeveldt by (roxanne.langeveldt@stellenbosch.gov.za) minstens 48 uur voor die vergadering van die nodige kotakbesonderhede (e-posadres en selfoonnommer) voorsien om die munisipaliteit in staat te stel om die virtuele vergadering op te stel. Tenderaars wat nie hulle besonderhede in die tydgleuf (**11 Januarie by 11h00**) die verpligte inligtingsessie bywoon nie, sal nie in ag geneem word nie.

Plaaslike produksie en inhoud is van toepassing op hierdie bod. Bieërs moet die wisselkoers wat om **12h00 op 12 Desember 2020** soos deur die Suid-Afrikaanse Reserwebank (SARB) gepubliseer is, gebruik. Die begeleidingsdokument vir die berekening van plaaslike inhoud is ingesluit in die tenderdokument en is ook op die munisipaliteit se webwerf beskikbaar deur die Voorsieningskanaalbestuursskakel. Indien grondstowwe of insette wat vir 'n spesifieke item gebruik word, nie plaaslik beskikbaar is nie, moet bieërs skriftelike magtiging van die dti verkry indien daar so 'n grondstof of inset benodig word. 'N afskrif van die magtigingsbrief moet saam met hierdie tenderdokument by die sluitingsdatum en tyd van die bod ingedien word

Tenders mag slegs ingedien word op die tenderdokumentasie verskaf deur Stellenbosch Munisipaliteit en moet geldig wees vir **180.dae** na die sluitingsdatum. Laat, elektroniese formaat of gefakse tenders sal nie aanvaar word nie en Stellenbosch Munisipaliteit is nie verplig om die laagste of enige tender wat ingedien word te aanvaar nie.

Verseëlde tenders duidelik gemerk: "B/SM 30/21 VOORSIENING EN AFLEWERING VAN HOMMELTUIE EN RELEVANTE DEMONSTRASIE, INSLUITEND HOMMELTUIG-BYKOMSTIGHEDE VANAF DIE TOEKENNINGSDATUM TOT 30 JUNIE 2023. op die koevert, moet geplaas word in tenderbus by die kantore van Stellenbosch Munisipaliteit, Pleinstraat, Stellenbosch. Die tenderbus is 24 uur per dag beskikbaar en tenders moet vergesel word met die voltooide stel tenderdokumente. Tenderaanbiedinge wat nie deur die volledige tenderdokument vergesel word nie, sal nie oorweeg word nie.

<u>LET WEL</u>: Hierdie tender sal geëvalueer word ingevolge die Algemene Kontrakvoorwaardes, Voorsieningskanaal Bestuursbeleid, relevante spesifikasies, plaaslike produksie, soos vervat in die tender dokument asook die Voorkeurverkrygingsregulasies 2017 wat op 20 Januarie 2017 deur die Minister van Finansies in Staatskoerant No 40553 afgekondig is.

Tenderaars mag voorkeurpunte eis in terme van hul B-BSEB status vlak van bydrae as volg:

 Prys
 80

 BBSEB
 20

 Totale punte
 100

Die volgende voorwaardes vir Tender soos volg: (versuim om te voldoen, kan veroorsaak dat u Tender gediskwalifiseer word):

- 1. Hierdie tender is onderworpe aan die algemene kontrakvoorwaardes (GCC) en spesiale voorwaardes vir die tender;
- 2. Toepaslike opdrag
- 3. Tenderaars moet geregistreer wees op Sentrale verskaffersdatabasis (SVD) as hulle met die munisipaliteit sake wil doen
- 4. Geen toekenning sal gemaak word aan diensverskaffers wie se Belasting status ongeldig is.
- 5. Die tender wat ingedien moet word, moet in 'n verseëlde koevert wees wat duidelik gemerk is met die Tendernommer, wat in die tenderbus voor sluitingstyd geplaas word. Versuim sal tot gevolg hê dat die tender ongeldig is.

Tenderdokumente, in Engels, is verkrygbaar by die kantoor van die Voorsieningskanaalbestuurseenheid, Stellenbosch Munisipaliteit, 1ste Vloer, Pleinstraat, Stellenbosch na betaling van 'n nie-terugbetaalde tenderdeelnamefooi van **R285.00 per dokument**. Alternatiewelik mag die dokument gratis afgelaai word vanaf die webblad <u>www.stellenbosch.gov.za</u>.

G Mettler (Me)

MUNISIPALE BESTUURDER



# TENDER NO. B/SM 30/21 SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023

#### PROCUREMENT DOCUMENT

NAME OF TENDERER:	
Total Bid Price (Inclusive of VAT) (refer to page 94):	
BBBEE LEVEL	

#### **DECEMBER 2020**

#### PREPARED AND ISSUED BY:

Directorate: Finance:

Supply Chain Management Unit Stellenbosch Municipality, PO Box 17, Stellenbosch, 7599 CONTACT FOR ENQUIRIES REGARDING SPECIFICATIONS: MR N LANGENHOVEN CHIEF LAW ENFORCEMENT

Tel. Number: 021 808 8497

Reference No: B/SM 30/21 Pag	e 1 c	of 9	<del>)</del> 5	
------------------------------	-------	------	----------------	--



#### 1. TENDER NOTICE & INVITATION TO TENDER



#### **BID NOTICE**

STELLENBOSCH MUNICIPALITY HEREBY INVITES YOU TO TENDER FOR B/SM 30/21: SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023

TENDER NUMBER: B/SM 30/21

DESCRIPTION: SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE

**ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023** 

CLOSING DATE: 25 January 2021

CLOSING TIME: 12h00: Bids will be opened in the Council Chambers or Supply Chain Management Boardroom

**INFORMATION:** 

Tender Specifications: Neville Langenhoven at 021 808 8756, e-mail neville.langenhoven@stellenbosch.gov.za

SCM Requirements: Gerald Kraukamp at 021 808 8519, e-mail gerald.kraukamp@stellenbosch.gov.za

Office hours for collection: 08h00-15h30

A Compulsory Clarification Meeting will be held on 13 January 2021 at 11h00. The Compulsory Clarification meeting will be held via the Microsoft Teams App. Tenderers must ensure to download the App and give Roxanne Langeveldt at roxanne.langeveldt@stellenbosch.gov.za the necessary contact details (email address and cell phone number) at least 48 hours prior to the meeting to enable to set up a virtual meeting. Tenderers who fail to forward their details in the time frame (11 January 2021 at 11h00) will not attend the briefing session. Tenderers who fail to attend the compulsory information session will be regarded as non-compliant.

Local production and content is applicable to this bid. Bidders must use the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on 12 December 2020. The guidance document for the calculation of local content is included in the bid document and is also available on the municipality's website by following the Supply Chain Management link. If raw material or input to be used for a specific item is not available locally, bidders should obtain written authorisation from the DTI should there be a need to import such raw material or input. A copy of the authorisation letter must be submitted together with this tender document at the closing date and time of bid

Tenders may only be submitted on the Tender documentation issued by Stellenbosch Municipality and must be valid for **180 days** after tender closing. Late, electronic format, telephonic or faxed Tenders will not be considered, and Stellenbosch Municipality does not bind itself to accept the lowest, part of or any Tender.

Sealed Tenders, with "B/SM 30/21: SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023.", clearly endorsed on the envelope, must be deposited in the Tender box at the offices of the Stellenbosch Municipality, Plein Street, Stellenbosch. The Tender box is accessible 24 hours a day and Tenders must be accompanied by the <u>completed</u> Tender documents. Tenders not accompanied by a complete Tender document, will not be considered.

<u>NOTE:</u> This tender will be evaluated in terms of the General Conditions of Contract, Supply Chain Management Policy, relevant specification, local content as depicted in the document and also the Preferential Procurement Regulations, 2017 that was promulgated by the Minister of Finance on 20 January 2017 in Government Gazette No 40553.

The preferential points system applied is as follows:

Price 80
B-BBEE status level of contribution 20
Total points for Price and B-BBEE 100

The following conditions to Tender exist (failure to comply may result in your Tender being disqualified):

- 1. This Tender is subject to the Standard Conditions of Tender and special conditions for Tendering;
- 2. Relevant terms of reference;
- 3. Tenderers must be registered on the Central supplier database (CSD) if they wish to conduct business with the municipality;

Reference No:	B/SM 30/21	Page 2 of 95
---------------	------------	--------------



- 4. No award will be made to tenderers whose tax status is non-compliant;
  5. Tenders submitted must be in a sealed envelope clearly marked with the Tender number, placed in the tender box before closing time. Failure will result in the tender being invalid;

time. Failure will result in the tender being invalid;
Tender documents, in English, are available free of charge on the website: <a href="www.stellenbosch.gov.za">www.stellenbosch.gov.za</a> . Alternatively, hard copies of the document are obtainable from the offices of the Supply Chain Management Unit, Stellenbosch Municipality, 1 <sup>st</sup> Floor, Plein Street, Stellenbosch, upon payment of a non-refundable fee of R285.00per document.
G Mettler (Ms) MUNICIPAL MANAGER

**Reference No:** B/SM 30/21 Page 3 of 95



#### **TENDER KENNISGEWING**

STELLENBOSCH MUNISIPALITEIT NOOI U VIR DIE VOLGENDE TENDER: B/SM 30/21 VOORSIENING EN AFLEWERING VAN HOMMELTUIE EN RELEVANTE DEMONSTRASIE, INSLUITEND HOMMELTUIG-BYKOMSTIGHEDE VANAF DIE TOEKENNINGSDATUM TOT 30 JUNIE 2023

TENDER NOMMER: B/SM 30/21

BESKRYWING: VOORSIENING EN AFLEWERING VAN HOMMELTUIE EN RELEVANTE DEMONSTRASIE, INSLUITEND HOMMELTUIG-BYKOMSTIGHEDE VANAF DIE TOEKENNINGSDATUM TOT 30 JUNIE 2023

SLUITINGSDATUM: 25 Januarie 2021

TYD VAN SLUITING: 12h00. Tenders sal oopgemaak word in die Raadsaal of in die Voorsieningskanaalbestuurs

Komitee Kamer.

NAVRAE:

Tender spesifikasies: Neville Langenhoven at 021 808 8756, e-pos neville.langenhoven@stellenbosch.gov.za
Vkb vereiste: Gerald Kraukamp at 021 808 8519, e-pos gerald.kraukamp@stellenbosch.gov.za

**Kantoor Ure:** 08h00-15h30

'n Verpligte inligtingsessie sal gehou word op **13 Januarie 2021 at 11h00**. Die verpligte inligtingsessie sal via die Microsoft Teams-app gehou word. Tenderaars moet toesien dat hulle die "App" aflaai en Roxanne Langeveldt by <u>(roxanne.langeveldt@stellenbosch.gov.za)</u> minstens 48 uur voor die vergadering van die nodige kotakbesonderhede (e-posadres en selfoonnommer) voorsien om die munisipaliteit in staat te stel om die virtuele vergadering op te stel. Tenderaars wat nie hulle besonderhede in die tydgleuf **(11 Januarie by 11h00)** die verpligte inligtingsessie bywoon nie, sal nie in ag geneem word nie.

Plaaslike produksie en inhoud is van toepassing op hierdie bod. Bieërs moet die wisselkoers wat om 12h00 op 12 Desember 2020 soos deur die Suid-Afrikaanse Reserwebank (SARB) gepubliseer is, gebruik. Die begeleidingsdokument vir die berekening van plaaslike inhoud is ingesluit in die tenderdokument en is ook op die munisipaliteit se webwerf beskikbaar deur die Voorsieningskanaalbestuursskakel. Indien grondstowwe of insette wat vir 'n spesifieke item gebruik word, nie plaaslik beskikbaar is nie, moet bieërs skriftelike magtiging van die dti verkry indien daar so 'n grondstof of inset benodig word. 'N afskrif van die magtigingsbrief moet saam met hierdie tenderdokument by die sluitingsdatum en tyd van die bod ingedien word

Tenders mag slegs ingedien word op die tenderdokumentasie verskaf deur Stellenbosch Munisipaliteit en moet geldig wees vir **180.dae** na die sluitingsdatum. Laat, elektroniese formaat of gefakse tenders sal nie aanvaar word nie en Stellenbosch Munisipaliteit is nie verplig

om die laagste of enige tender wat ingedien word te aanvaar nie.

Verseëlde tenders duidelik gemerk: "B/SM 30/21 VOORSIENING EN AFLEWERING VAN HOMMELTUIE EN RELEVANTE DEMONSTRASIE, INSLUITEND HOMMELTUIG-BYKOMSTIGHEDE VANAF DIE TOEKENNINGSDATUM TOT 30 JUNIE 2023. op die koevert, moet geplaas word in tenderbus by die kantore van Stellenbosch Munisipaliteit, Pleinstraat, Stellenbosch. Die tenderbus is 24 uur per dag beskikbaar en tenders moet vergesel word met die voltooide stel tenderdokumente. Tenderaanbiedinge wat nie deur die volledige tenderdokument vergesel word nie, sal nie oorweeg word nie.

<u>LET WEL</u>: Hierdie tender sal geëvalueer word ingevolge die Algemene Kontrakvoorwaardes, Voorsieningskanaal Bestuursbeleid, relevante spesifikasies, plaaslike produksie, soos vervat in die tender dokument asook die Voorkeurverkrygingsregulasies 2017 wat op 20 Januarie 2017 deur die Minister van Finansies in Staatskoerant No 40553 afgekondig is.

Tenderaars mag voorkeurpunte eis in terme van hul B-BSEB status vlak van bydrae as volg:

 Prys
 80

 BBSEB
 20

 Totale punte
 100

Die volgende voorwaardes vir Tender soos volg: (versuim om te voldoen, kan veroorsaak dat u Tender gediskwalifiseer word):

- 1. Hierdie tender is onderworpe aan die algemene kontrakvoorwaardes (GCC) en spesiale voorwaardes vir die tender;
- 2. Toepaslike opdrag
- 3. Tenderaars moet geregistreer wees op Sentrale verskaffersdatabasis (SVD) as hulle met die munisipaliteit sake wil doen
- 4. Geen toekenning sal gemaak word aan diensverskaffers wie se Belasting status ongeldig is.

Reference No:	B/SM 30/21	Page 4 of 95
---------------	------------	--------------



Die tender wat ingedien moet word, moet in 'n verseëlde koevert wees wat duidelik gemerk is met die Tendernommer, wat in die tenderbus voor sluitingstyd geplaas word. Versuim sal tot gevolg hê dat die tender ongeldig is. Tenderdokumente, in Engels, is verkrygbaar by die kantoor van die Voorsieningskanaalbestuurseenheid, Stellenbosch Munisipaliteit, 1ste Vloer, Pleinstraat, Stellenbosch na betaling van 'n nie-terugbetaalde tenderdeelnamefooi van R285.00 dokument. Alternatiewelik mag die dokument gratis afgelaai word vanaf die webblad www.stellenbosch.gov.za. G Mettler (Me) MUNISIPALE BESTUURDER

Reference No:	B/SM 30/21	Page 5 of 95
---------------	------------	--------------



## PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF MUNICIPALITY/ MUNICIPAL ENTITY)							
BID NUMBER:	B/SM 30/21	CLOSING DATE:	25 JANUARY 2021	CLOSING TIME:	12:00		
SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE							
DESCRIPTION ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023							
THE SUCCESSEUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).							

BID RESPONSE DOCUMENTS MUST BE DEPOSITED IN THE BID BOX SITUATED AT STELLENBOSCH MUNICIPALITY, TOWN HOUSE COMPLEX, PLEIN STREET, STELLENBOSCH							
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							
TAX COMPLIANCE STATUS	TCS PIN:			OR	CSD No:		
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	Yes			LEVEL	E STATUS . SWORN		Yes
[TICK APPLICABLE BOX]	□No			AFFID.			No
[A B-BBEE STATUS LEVEL VERIFICATION ORDER TO QUALIFY FOR PREFERENCE				FFIDA	/IT (FOR EME	S & C	SES) MUST BE SUBMITTED
ARE YOU THE ACCREDITED     REPRESENTATIVE IN SOUTH AFRICA     FOR THE GOODS /SERVICES     /WORKS OFFERED?	☐Yes [IF YES ENCL		 ]No	F S G	RE YOU A OREIGN BASEI UPPLIER FOR T OODS /SERVIC VORKS OFFER	THE SES	☐Yes ☐No [IF YES, ANSWER PART B:3]
3. TOTAL NUMBER OF ITEMS OFFERED				4. TO	TAL BID PRICE		R
5. SIGNATURE OF BIDDER				6.	DATE		
7. CAPACITY UNDER WHICH THIS BID IS SIGNED							
BIDDING PROCEDURE ENQUIRIES MAY BE	DIRECTED TO	):	TECHN	IICAL IN	IFORMATION M	IAY B	E DIRECTED TO:
DEPARTMENT			CONTA	CT PEF	RSON		
CONTACT PERSON			TELEP	HONE N	IUMBER		
TELEPHONE NUMBER	-		FACSIN	/ILE NU	IMBER		
FACSIMILE NUMBER			E-MAIL	ADDRE	SS		
E-MAIL ADDRESS							

Reference No:	B/SM 30/21	Page 6 of 95
---------------	------------	--------------



# PART B TERMS AND CONDITIONS FOR BIDDING

<b>1.</b> 1.1.	BID SUBMISSION: BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR ONLINE
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
2.	TAX COMPLIANCE REQUIREMENTS
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
2.4	FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
2.5	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.6	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.7	WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
3.	QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS
3.1.	IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?
3.2.	DOES THE ENTITY HAVE A BRANCH IN THE RSA?
3.3.	DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?
3.4.	DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?
3.5.	IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?
IF TH SYS	HE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS TEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.
	NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.
	SIGNATURE OF BIDDER:
	CAPACITY UNDER WHICH THIS BID IS SIGNED:
	DATE:

Reference No:	B/SM 30/21	Page 7 of 95
---------------	------------	--------------



#### CONTENTS

#### PAGE NUMBER

1.	TENDER NOTICE & INVITATION TO TENDER	2
TENDER I	KENNISGEWING	4
PART A	- ADMINISTRATIVE REQUIREMENTS IN TERMS OF THE SUPPLY CHAIN MANAGEMENT POLICY	10
2.	CHECKLIST	11
3.	CLARIFICATION MEETING CERTIFICATE	12
4.	AUTHORITY TO SIGN A BID	13
5.	CERTIFICATE OF AUTHORITY FOR JOINT VENTURES	15
6.	GENERAL CONDITIONS OF CONTRACT – GOVERNMENT PROCUREMENT	16
7.	GENERAL CONDITIONS OF TENDER	25
8.	MBD 4 – DECLARATION OF INTEREST	27
9.	MBD6.1 – PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017 – PURCHASES/SERVICES 80/20	30
10.	MBD 6.2 – GUIDANCE DOCUMENT FOR THE CALCULATION OF LOCAL CONTENT ATTACHED FOR INFORMATION PURPOSES	35
11.	DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS	36
12.	MBD 8 - DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES	44
13.	MBD 9 – CERTIFICATE OF INDEPENDENT BID DETERMINATION	46
14.	MBD 10 – CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES	48
15.	COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT 130 OF 1993)	49
16.	FORM OF INDEMNITY	50
PART B –	SPECIFICATIONS AND PRICING SCHEDULE	51
17.	SPECIFICATIONS	52
18.	SCHEDULE OF PLANT AND EQUIPMENT	79
19.	SCHEDULE OF SUBCONTRACTORS	80

Reference No: B/SM	1 30/21	Page 8 of 95
--------------------	---------	--------------



20.	SCHEDULE OF WORK EXPERIENCE OF THE TENDERER – CURRENT CONTRACTS	81
21.	SCHEDULE OF WORK EXPERIENCE OF THE TENDERER - COMPLETED CONTRACTS	82
22.	PRICING SCHEDULE	83
23.	DECLARATION BY TENDERER	95



# PART A – ADMINISTRATIVE REQUIREMENTS IN TERMS OF THE SUPPLY CHAIN MANAGEMENT POLICY

Reference No: B/SM 30/21 Page 10 of 95



#### 2. CHECKLIST

# PLEASE ENSURE THAT THE FOLLOWING FORMS HAVE BEEN DULY COMPLETED AND SIGNED AND THAT ALL DOCUMENTS AS REQUESTED, ARE ATTACHED TO THE TENDER DOCUMENT:

Certificate of Clarification Meeting Attendance - Is the form duly completed and signed by both tenderer and agent of the Stellenbosch Municipality?	Yes	No	
Authority to Sign a Bid - Is the form duly completed and is a certified copy of the resolution attached?	Yes	No	
MBD 4 (Declaration of Interest) - Is the form duly completed and signed?	Yes	No	
MBD 5 - Is the form duly completed and signed?	Yes	No	
MBD 6.1 (Preference Points claim form for purchases/services) - Is the form duly completed and signed?  Is a CERTIFIED copy of the B-BBEE Certificate issued by a Verification Agency accredited by SANAS or the original Sworn Affidavit attached?	Yes	No	
MBD 6.2 (Local Content) - Is the form duly completed and signed?  Guidance Document for the Calculation of Local Content attached for information purposes?	Yes	No	
MBD 8 (Declaration of Past Supply Chain Practices) - Is the form duly completed and signed?	Yes	No	
MBD 9 (Certificate of Independent Bid Determination) - Is the form duly completed and signed?	Yes	No	
MBD 10 (Certificate of Payment of Municipal Accounts) - Is the form duly completed and signed?  Are the Identity numbers, residential addresses and municipal account numbers of ALL members, partners, directors, etc. provided on the form as requested?	Yes	No	
OHSA (Occupational Health and Safety) - Is the form duly completed and signed?  Is a valid Letter of Good Standing from the Compensation Commissioner attached?	Yes	No	
Form of Indemnity - Is the form duly completed and signed?	Yes	No	
Pricing Schedule - Is the form duly completed and signed?	Yes	No	
Form of Offer- Is the form duly completed and signed?	Yes	No	
Declaration by Tenderer - Is the form duly completed and signed?	Yes	No	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 11 of 95



#### 3. CLARIFICATION MEETING CERTIFICATE

I / We\*, the undersigned, certify that I / we\* have examined the Site for the Works and its surroundings for which I / we\* am / are\* submitting this Tender and have, as far as practicable possible, familiarized myself / ourselves\* with all information, risks, contingencies and other circumstances which may influence or affect my / our\* tender.

\* Delete whichever is inapplicable

NAME & SURNAME		
CAPACITY		
NAME OF FIRM		
ADDRESS		
TELEPHONE NO	FAX NO:	
E-MAIL	SIGNATURE	

NB: Please note that no latecomers will be allowed.

For all compulsory briefing sessions/site meetings/clarification meetings, bids received from interested bidders that did not attend the meeting or arrived later than predetermined date and time, will be <u>disqualified</u>

Reference No:	B/SM 30/21	Page 12 of 95



#### 4. AUTHORITY TO SIGN A BID

1. 8	OLE PROPRIETOR	(SINGLE OWNER BUSINES	SS) AN	ID NATU	JRAL F	PERSON		
1.1.	I,		,	the unde	ersigne	d, hereby co	nfirm th	nat I am the
	sole owner of the b	usiness trading as						·
OR								
1.2.					dersign	ed, hereby c	onfirm	that I am
	submitting this tend	ler in my capacity as natural p	erson.					
SIGN	NATURE:			DATE:				
PRIN	IT NAME:							
TIW	NESS 1:			WITNES	SS 2:			
C	COMPANIES AND C	LOSE CORPORATIONS						
	signed, authorising this bid and any or behalf of the compa bid	COMPANY, a certified copy the person who signs this bid ther documents and correspo any must be submitted with	to do ndenc <b>this b</b> i	so, as we in contion id, that is	ell as t inectior s, befor	o sign any c n with this b re the closing	ontract id and/ g time a	resulting from or contract on and date of the
2.2.		CLOSE CORPORATION (Coper or other official of the corporation)						
PAR	TICULARS OF RESO	DLUTION BY BOARD OF DIRE	CTOR	S OF TH	IE CON	IPANY/MEM	BERS (	OF THE CC
Date	Resolution was taken							
Reso	olution signed by (name	e and surname)						
Capa	acity							
Nam	e and surname of deleg	gated Authorised Signatory						
Capa	acity							
Spec	cimen Signature							
Full	name and surname of A	ALL Director(s) / Member (s)						
1.			2.					
3.			4.					
5.			6.					
7.			8.					
9.			10.					
Is a	CERTIFIED COPY	of the resolution attached?			YES		NO	
	NED ON BEHALF OF IPANY / CC:			DATE:				
PRIN	IT NAME:							
MITIW	NESS 1:			WITNE	SS 2:			

2.

Reference No:	B/SM	30/21	Page 13 of 95



3.	PARTNERSHIP								
	We, the undersigned par	tners in the	business trading as					hereby	
	authorize Mr/Ms			to sig	n this b	id as w	ell as a	ny contract resulting	g
	from the bid and any otl								
	and on behalf of the abo	vementione	d partnership.						
	The following particulars	in respect o	f every partner mus	t be furni	shed an	d signe	d by eve	ery partner:	
		Full name of	of partner				S	Signature	
	SIGNED ON BEHALF OF PARTNERSHIP:			DATE:					
	PRINT NAME:				•				
	WITNESS 1:			WITNES	S 2:				
	tender and any other doc on behalf of the consortion.  The following particulars	Name of enti	ity) to act as lead cc To sig d correspondence ir	onsortium gn this of n connec	partner fer as we tion with	and fur ell as ar this ter	ther aut ny contra nder and	horize Mr./Ms act resulting from this I / or contract for and	d
	member: Full Name of Consortium	n Member	Role of Consor	tium Mem	ber		%	Signature	
						Partic	ipation	<b>.</b>	
	SIGNED ON BEHALF OF PARTNERSHIP:					DATE	:		
	PRINT NAME:								
	WITNESS 1:				WITNES	SS 2:			
									_

Reference No:	B/SM 30/21	Page 14 of 95

Page 15 of 95



#### 5. CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

#### This returnable schedule is to be completed by JOINT VENTURES

Reference No:

B/SM 30/21

uthorized signatory of the Cor	npany/Close Corporation/Partnership (na	ame)
		ne capacity of lead partner, to
gn all documents in connection	n with the tender offer and any contract	resulting from it on our behalf.
(i) Name of firm (Lead partner)		
Address	Tel. No.	
Signature	Designation	
(ii) Name of firm		
Address		
Address	Tel. No.	
Signature	Designation	
(iii)Name of firm		
Address:		
	Tel. No.	
Signature	Designation	
(iv) Name of firm		
Address		
Huuress	Tel. No.	
Signature	Designation	
	nt Venture Agreement showing clearly the Joint Venture, shall be appended	



#### 6. GENERAL CONDITIONS OF CONTRACT – GOVERNMENT PROCUREMENT

#### 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 any thing 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.
- 1.13. 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.
- 1.14. "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.
- 1.15. "GCC" means the General Conditions of Contract.
- 1.16. "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.17. "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.
- 1.18. "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.

Reference No: B/SM 30/21	Page 16 of 95
--------------------------	---------------



- 1.19. "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.20. "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.21. "Project site" where applicable, means the place indicated in bidding documents.
- 1.22. "Purchaser" means the organization purchasing the goods.
- 1.23. "Republic" means the Republic of South Africa.
- 1.24. "SCC" means the Special Conditions of Contract.
- 1.25. "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.
- 1.26. "Supplier" means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.
- 1.27. "Tort" means in breach of contract.
- 1.28. "Turnkey" means a procurement process where one service provider assumes total responsibility for all aspects of the project and delivers the full end product / service required by the contract.
- 1.29. "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. Invitations to bid are usually published in locally distributed news media and on the municipality / municipal entity website.

#### 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 as 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.

Reference No:	B/SM 30/21	Page 17 of 95



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.
- 6.2. When a supplier developed documentation / projects for the municipality / municipal entity, the intellectual, copy and patent rights or ownership of such documents or projects will vest in the municipality / municipal entity.

#### 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:
  - 7.3.1. 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
  - 7.3.2. a cashier's or certified cheque
- 7.4. 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.

#### 8. Inspections, tests and analyses

- 8.1. All pre-bidding testing will be for the account of the bidder. 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 inspections tests and analysis, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organization acting on behalf of the purchaser.
- 8.2. 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.
- 8.3. If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.4. Where the goods or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such goods or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.5. 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.

Reference No: B/SM 30/21	Page 18 of 95
--------------------------	---------------



- 8.6. Any contract goods 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 goods 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 goods which do comply with the requirements of the contract. Failing such removal the rejected goods shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute goods forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected goods, purchase such goods as may be necessary at the expense of the supplier.
- 8.7. 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 22 of GCC.

#### 9. Packing

- 9.1. 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.
- 9.2. 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, and in any subsequent instructions ordered by the purchaser.

#### 10. Delivery

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

#### 11. Insurance

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.

#### 12. Transportation

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

#### 13. Incidental

- 13.1. The supplier may be required to provide any or all of the following services, including additional services, if any:
  - 13.1.1. performance or supervision of on-site assembly and/or commissioning of the supplied goods;
  - 13.1.2. furnishing of tools required for assembly and/or maintenance of the supplied goods;
  - 13.1.3. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
  - 13.1.4. 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
  - 13.1.5. 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.
- 13.2. 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.

Reference No:   B/SM 30/21 Page 19 of 95	Reference No:	B/SM 30/21	Page 19 of 95
--	---------------	------------	---------------



#### 14. Spare parts

- 14.1.As specified, 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:
  - 14.1.1. 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;
  - 14.1.2. in the event of termination of production of the spare parts:
    - 14.1.2.1. advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
    - 14.1.2.2. following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

#### 15. Warranty

- 15.1. 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.
- 15.2. 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.
- 15.3. The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 15.4.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.
- 15.5.If the supplier, having been notified, fails to remedy the defect(s) within the period specified, 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

- 16.1. The method and conditions of payment to be made to the supplier under this contract shall be specified.
- 16.2. 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.
- 16.3. Payments shall be made by the purchaser **no later than thirty (30**) days after submission of an **invoice**, **statement** or claim by the supplier.
- 16.4. Payment will be made in Rand unless otherwise stipulated.

#### 17. Prices

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 or in the purchaser's request for bid validity extension, as the case may be.

#### 18. Variation orders

In cases where the estimated value of the envisaged changes in purchase does not vary more tha 15% of the total value of the original contract, the contractor may be instructed to deliver the goods or render the services as such. In cases of measurable quantities, the contractor may be approached to reduce the unit price and such offers, may be accepted provided that there is no escalation in price.

Reference No:	B/SM 30/21	Page 20 of 95
ittererence ito.	D/OIN JU/21	1 age 20 01 35



#### 19. Assignment

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

The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract, 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

- 21.1.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.
- 21.2.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.
- 21.3. 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.
- 21.4.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 22 without the application of penalties.
- 21.5. 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

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

- 23.1. 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:
  - 23.1.1. 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;
  - 23.1.2. if the Supplier fails to perform any other obligation(s) under the contract; or
  - 23.1.3. if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2.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.

Reference No:	B/SM 30/21	Page 21 of 95
---------------	------------	---------------



- 23.3. 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.
- 23.4.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 supplier as having no objection and proceed with the restriction.
- 23.5.Any restriction imposed on any person by the purchaser will, at the discretion of the purchaser, 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 purchase actively associated.
- 23.6.If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
  - 23.6.1. the name and address of the supplier and / or person restricted by the purchaser;
  - 23.6.2. the date of commencement of the restriction
  - 23.6.3. the period of restriction; and
  - 23.6.4. the reasons for the restriction.

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

23.7.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

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 of 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

- 25.1. 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.
- 25.2.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

Reference No:	B/SM 30/21	Page 22 of 95



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

- 27.1.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.
- 27.2.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.
- 27.3. Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4. Notwithstanding any reference to mediation and/or court proceedings herein,
  - 27.4.1. the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
  - 27.4.2. the purchaser shall pay the supplier any monies due for goods delivered and / or services rendered according to the prescripts of the contract.

#### 28. Limitation of liability

- 28.1.Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6;
  - 28.1.1. 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
  - 28.1.2. 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

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

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

#### 31. Notices

- 31.1.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
- 31.2. 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

- 32.1.A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2.A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3.No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred bidder are in order.

Reference No:	B/SM 30/21	Page 23 of 95
	_, _, _, _, _,	. age == 0.00



32.4.No contract shall be concluded with any bidder whose municipal rates and taxes and municipal services charges are in arrears.

#### 33. Transfer of contracts

The contractor shall not abandon, transfer, cede, assign or sublet a contract or part thereof without the written permission of the purchaser.

#### 34. Amendment of contracts

No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.

#### 35. Prohibition of restrictive practices.

- 35.1.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.
- 35.2.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 section 59 of the Competition Act No 89 of 1998.
- 35.3.If a bidder(s) or contractor(s) has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

General Conditions of Contract (revised July 2010)

Reference No:	B/SM	30/21	Page 24 of 95



#### 7. GENERAL CONDITIONS OF TENDER

- 1. Sealed tenders, with the "Tender Number and Title" clearly endorsed on the envelope, must be deposited in the tender box at the offices of the Stellenbosch Municipality, Plein Street, Stellenbosch.
- 2. The tender must be lodged by the Tenderer in the tender box in the Main Hall Entrance, Stellenbosch Municipal Offices, Plein Street, Stellenbosch

#### **PLEASE NOTE:**

- 2.1. Tenders that are deposited in the incorrect box will not be considered.
- 2.2. Mailed, telegraphic or faxed tenders will not be accepted.
- 2.3. Documents may only be completed in non-erasable ink.
- 2.4. The use of correction fluid/tape is not allowed.
  - 2.4.1. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.
  - 2.4.2. Alterations or deletions not signed by the Tenderer may render the tender invalid.
- 2.5. All bids must be submitted in writing on the official forms supplied (not to be re-typed)
- 2.6. All prices shall be quoted in South African currency and be **INCLUSIVE of VAT.**
- 3. Where the value of an intended contract will exceed R1 000 000, 00 (R1 million) it is the bidder's responsibility to be registered with the South African Revenue Service (SARS) for VAT purposes in order to be able to issue tax invoices. The municipality will deem the price above R 1 000 000,00 (R1 million) to be VAT inclusive even if it is indicated that no VAT is charged. Please insure that provision is made for VAT in these instances.
  - 3.1 It is a requirement of this contract that the amount of value-added tax (VAT) must be shown clearly on each invoice.
  - 3.2 The amended Value-Added Tax Act requires that a Tax Invoice for supplies in excess of R3 000 should, in addition to the other required information, also disclose the VAT registration number of the recipient, with effect from 1 March 2005. The VAT registration number of the Stellenbosch Municipality is **4700102181.**
- 3 Any Tender received after the appointed time for the closing of Tenders shall not be considered but shall be filed unopened with the other Tenders received or may be returned to the Tenderer at his request.
- 4 Tenders may not be telefaxed to the Municipality and therefore any tenders received by fax will **not** be considered.
- 5 Tenders shall be opened in public at the Stellenbosch Municipal Offices as soon as possible after the closing time for the receipt of tenders.
- The Municipality shall have the right to summarily disqualify any Tenderer who, either at the date of submission of this tender or at the date of its award, is indebted to the Municipality in respect of any rental, levies, rates and/or service charges; ALTERNATIVELY;
- 6.1 That an agreement be signed whereby the Tenderer agrees that a percentage or fixed amount at the discretion of the Municipality, be deducted from payments due to him for this tender, until the debt is paid in full.
- 6.2 The tenderer shall declare **all** the Municipal account numbers in the Stellenbosch Area for which the enterprise or the proprietors or directors in their personal capacity is/ are responsible or coresponsible.



#### 7. Negotiations for a fair market related price

- 7.1 The award of the tender may be subject to price negotiation with the preferred tenderers.
- 8 This bid will be evaluated and adjudicated according to the following criteria:
  - 8.1 Relevant specifications
  - 8.2 Value for money
  - 8.3 Capability to execute the contract
  - 8.4PPFA & associated regulations

#### 9 Service Level Agreement

The award of the tender is subject to the signing of a Service Level Agreement (SLA) between the successful bidder and Stellenbosch Municipality.

#### 10 Centralised Supplier Database

No Bids will be awarded to a bidder who is not registered on the Centralised Supplier Database (CSD).

The CSD supplier number starting with (MAAA) number is automatically generated by the Central Database System after successful registration and validation of a prospective service provider. This number is now a mandatory requirement, as referred to in regulation 14(1) *(b)* of the Municipal Supply Chain Management Regulations, as part of the listing criteria for accrediting a prospective service provider. Prospective suppliers should self – register on the CSD website at <a href="https://www.csd.gov.za">www.csd.gov.za</a> Registration on the CSD will be compulsory in order to conduct business with the STELLENBOSCH MUNICIPALITY. Registration on CSD can be done by contacting 021 808 8594 or Nicolene.Hamilton@stellenbosch.gov.za

Centralised Supplier Database No. MAAA.....

Reference No:	B/SM	30/21	Page 26 of 95
---------------	------	-------	---------------



#### 8. MBD 4 - DECLARATION OF INTEREST

- 1. No bid will be accepted from persons in the service of the state<sup>1</sup>.
- 2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest.
- 3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid:

3.1.	Full Name of bidder or his or her representative											
3.2.	Identity Number											
3.3.	Position occupied in the Company (director, shareholder <sup>2</sup> etc.)											
3.4.	Company Registration Number											
3.5.	Tax Reference Number											
3.6.	VAT Registration Number											
3.7.	Are you presently in the service of the state?							YE	S	NO		
3.7.1.	If so, furnish particulars:											
3.8.	Have you been in the service of the state for the past twelve months?						YE	S	NO			
3.8.1.	If so, furnish particulars:											

- a. a member of
  - i. any municipal council;
  - ii. any provincial legislature; or
  - iii. the National Assembly or the National Council of Provinces;
- b. a member of the board of directors of any municipal entity;
- c. an official of any municipality or municipal entity;
- d. an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- e. an executive member of the accounting authority of any national or provincial public entity; or
- f. an employee of Parliament or a provincial legislature.
- 2 "Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

Reference No:	B/SM 30/21	Page 27 of 95

<sup>&</sup>lt;sup>1</sup> MSCM Regulations: "in the service of the state" means to be –

3.9.	Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?	YES	NO	
3.9.1.	If so, furnish particulars:	ı		
3.10.	Are you aware of any relationship (family, friend, other) between a bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid?	YES	NO	
3.10.1.	If so, furnish particulars:			
	, , , , , , , , , , , , , , , , , , , ,			
3.11.	Are any of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES	NO	
3.11.1.	If so, furnish particulars:			
3.12.	Is any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES	NO	
3.12.1.	If so, furnish particulars:			
	Do you or any of the directors, trustees, managers, principal shareholders, or			
3.13.	stakeholders of this company have any interest in any other related companies or	YES	NO	
0.45	business whether or not they are bidding for this contract?			
3.13.1.	If so, furnish particulars:			

Reference No:	B/SM 30/21	Page 28 of 95



3.14.	Please provide the following information on ALL directors/shareholders/trustees/members below:				
	Full Name and Surname	Identity Number	Personal Income Tax Number	Provide State <sup>3</sup> Employee Number	

NI	о.
IN	D.

- a) PLEASE ATTACH CERTIFIED COPY(IES) OF ID DOCUMENT(S)
- b) PLEASE PROVIDE PERSONAL INCOME TAX NUMBERS FOR ALL DIRECTORS / SHAREHOLDERS / TRUSTEES / MEMBERS, ETC.

#### 4. DECLARATION

I, the undersigned (name), certify that the information furnished in paragraph 3 above is correct.					
I accept that the state may act against me should this declaration prove to be false.					
SIGNATURE					
NAME OF SIGNATORY					
POSITION					
NAME OF COMPANY					

- a member of
  - any municipal council;
  - any provincial legislature; or
  - the National Assembly or the National Council of Provinces;
- b. a member of the board of directors of any municipal entity;
- an official of any municipality or municipal entity;
  an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
  an executive member of the accounting authority of any national or provincial public entity; or d.
- e.
- an employee of Parliament or a provincial legislature.

Reference No:	B/SM 30/21	Page 29 of 95

<sup>&</sup>lt;sup>3</sup> MSCM Regulations: "in the service of the state" means to be –



### 9. MBD6.1 – PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017 – PURCHASES/SERVICES 80/20

#### NB:

Before completing this form, bidders must study the general conditions, definitions and directives applicable in respect of B-BBEE, as prescribed in the Preferential Procurement Regulations, 2017.

#### 1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
  - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
  - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
  - a) The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable; or
- 1.2 Points for this bid shall be awarded for:
  - (a) Price; and
  - (b) B-BBEE Status Level of Contributor.
- 1.3 The maximum points for this bid are allocated as follows:

	POINTS
1.1.1. Price	80
1.1.2. B-BBEE status level of contribution	20
Total points for Price and B-BBEE must not exceed	100

- 1.4 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.5 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

#### 2. **DEFINITIONS**

- 2.1 **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.2 **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.3 **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- 2.4 **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003); as amended by Act No. 46 of 2013; (this was added by us)

Reference No: B/SM 30/21 Page 30 of 95
--



- 2.5 "EME" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- 2.6 **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- 2.7 "prices" includes all applicable taxes less all unconditional discounts;
- 2.8 "proof of B-BBEE status level of contributor" means:
  - 2.8.1 B-BBEE Status level certificate issued by an authorized body or person;
  - 2.8.2 A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - 2.8.3 Any other requirement prescribed in terms of the B-BBEE Act;
- 2.9 "QSE" means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- 2.10 "rand value" means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- 3. POINTS AWARDED FOR PRICE
- 3.1 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
$$Ps = 80\left(1 - \frac{Pt - P\min}{P\min}\right) \qquad or \qquad Ps = 90\left(1 - \frac{Pt - P\min}{P\min}\right)$$

#### Where:

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration
Pmin = Price of lowest acceptable bid

#### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

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

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

Reference No:	B/SM 30/21	Page 31 of 95



_				
<b>F</b>		DECL	$\Lambda D \Lambda$	
ກ.	ОΙΙ	$D = C_{\bullet} L$	<b>A C C</b>	

- 5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:
- 6. B -BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1
- 6.1 B-BBEE Status Level of Contributor: = ......(maximum of 10 or 20 points)

  (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or the original sworn affidavit.

#### 7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted? (Tick applicable box)			NO	
7.1.1 If yes, indicate:				
7.1.1.1 what percentage of the contract will be subcontracted?				%
7.1.1.2 the name of the sub-contractor?				
7.1.1.3 the B-BBEE status level of the sub-contractor?				
7.1.1.4 whether the sub-contractor is an EME or QSE? (Tick applicable box)			NO	

7.1.1.5 Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

Reference No:	B/SM 30/21	Page 32 of 95



#### 8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1	Name of Company/firm:			
8.2	VAT registration number			
8.3	Company registration number			
		Partnership /	Joint Venture / Consortium	
		One person b	usiness / sole proprietor	
8.4	Type of Company/Firm: (Tick applicable box)	Close Corpora	ation	
		Company		
		(Pty) Limited		
8.5	Describe Principal Business Activities			
		Manufacturer		
8.6	Company Classification	Supplier		
	(Tick applicable box)	Professional service provider		
		Other service providers, e.g. transporter, etc.		
8.7 Municipal Information				
Municipality where business is situated:				
Registered Account Number:				
Stan	Stand Number:			
8.8 Total Number of years the Company/Firm has been in business:				

Reference No: B/SM 30/21 Page 33 of 9	Reference No:
---------------------------------------	---------------



- 9. I / we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:
- 9.1 The information furnished is true and correct:
- 9.2 The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.
- 9.3 In the event of a contract being awarded as a result of points claimed as shown in paragraph 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- 9.4 If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have
  - 9.4.1 disqualify the person from the bidding process;
  - 9.4.2 recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - 9.4.3 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;
  - 9.4.4 restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram* partem (hear the other side) rule has been applied; and
  - 9.4.5 forward the matter for criminal prosecution

SIGNATURE OF BIDDER(S):		
WITNESS 1:	WITNESS 2:	
DATE:		
ADDRESS:		

Reference No:	B/SM 30/21	Page 34 of 95



10. MBD 6.2 – GUIDANCE DOCUMENT FOR THE CALCULATION OF LOCAL CONTENT ATTACHED FOR INFORMATION PURPOSES

# 11. DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

# DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Municipal Bidding Document (MBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

#### 1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

### Where

- x is the imported content in Rand
- y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on http://www.thedti.gov.za/industrial development/ip.jsp at no cost.

- 1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;
- 2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

Reference No:	B/SM 30/21	Page 36 of 95



#	Description of services, works or goods	Stipulated minimum threshold as a %
	Industrial Lead Acid Battery	<u>50%</u>

Please submit also letters of exemption from dti if local content is not ...50.....%. Please ensure that you put all the items on Annexure C on which you make an offer.

Does any portion of the goods or services offered have any imported content?
(Tick applicable box)

YES	NO	

3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on <a href="www.reservebank.co.za">www.reservebank.co.za</a>

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

**4.** Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

SIGNATURE OF BIDDER(S):		
WITNESS 1:	WITNESS 2:	
DATE:		
ADDRESS:		

Reference No:	B/SM 30/21	Page 37 of 95



# LOCAL CONTENT DECLARATION (REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OFTENDER NO. B/SM:30/21 SUPPLY AND DELIVERY OF DRONES AND RELEVANT DEMONSTRATION INCLUDING DRONE ACCESSORIES FROM DATE OF AWARD UNTIL 30 JUNE 2023 ISSUED BY STELLENBOSCH MUNICIPALITY.

NB

- The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <a href="http://www.thdti.gov.za/industrial">http://www.thdti.gov.za/industrial</a> development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below. Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned,	(full names),
do hereby declare, in my capacity as	
	(name of bidder entity), the
following:	

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
  - the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

	R
Bid price, excluding VAT (y)	
	R
Imported content (x), as calculated in terms of SATS 1286:2011	
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

Reference No: B/SM 30/21	Page 38 of 95
--------------------------	---------------



- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

	SIGNATURE	DATE
TENDERER:		
WITNESS No. 1:		
WITNESS No. 2:		

Reference No: B	3/SM 30/21	Page 39 of 95
-----------------	------------	---------------



						NNEXUR				SA	TS 1286.2011
				Local Conte	ent Declara	tion – Su	mmary Sched	dule			
(C1) Te	nder No.								NOTE: V	AT to be excluded f	rom all calculations
(C2) Te	nder Description										
(C3) De	signated product(s)										
<i>(C4)</i> Te	nder Authority										
(C5) Na	me of Tendering Entity										
(C6) Te	nder Exchange Rate	Currency	1		Rate						
(C7)Sp	ecified local content %										
				Calculation of loc	al content				Tender s	ummary	
Tende r Item No's	List of Items	Tend Price eac	<ul><li>imported</li></ul>	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Quantity	Total tender value	Total exempted imported content	Total imported content
(C8)	(C9)	(C1)	)) (C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
	Industrial Lead Ad Battery	cid									
							(C20	)) Total tender value			
								(C21) Total Exem	ot imported content		
SIGNAT	TURE OF TENDERER AS PER	LOCAL CON	TENT DECLARATIO	N		(0	C22) Total Tende	er value net of exem	ot imported content		
	(C23) Total Imported content										
	(C24) Total local content										
DATE	OATE (C25) Average local content % of tender										
Att	ach additional pages	if mores s	pace is require	ed				·	-	L	

Page 40 of 95

Reference No:

B/SM 30/21



						ANNEXURE D		SATS 1286.2011					
	Imported Content Declaration – Supporting Schedule to Annexure C												
(D1)	Tender No.						NOTE: VA	T to be excluded from all calculations					
(D2)	Tender Description												
(D3)	Designated product(s)												
(D4)	Tender Authority												
(D5)	Tendering Entity's Name												
(D6)	Tender Exchange Rate	Currency		Rate									
ΔFxe	emnted imported content					Calculation of imported content		Summary					

A. Exemp	oted imported content			Calculation of imported content						
Tender item no's	Description of imported content	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost			
(D7)	(D8) (D9) (D10)		(D11)	(D12)	(D13)	(D14)	(D15)	(D16)		

	Summary
Tender Quantity	Exempted imported value
(D17)	(D18)

(D19) Total exempt imported value

This total must correspond with Annex C – C21

B. Import	ted directly by the Tenderer				Calculation of imported content						
Tender item no's	Description of imported content	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost				
(D20)	0) (D21) (D22) (D23)		(D24)	(D24) (D25) (D26) (D27) (D28)			(D29)				

Summary						
Tender Quantity	Total imported value					
(D30)	(D31)					

(D32) Total imported value by tenderer

Reference No:	B/SM 30/21	Page 41 of 95
---------------	------------	---------------

Page 42 of 95



C. Imported by a 3" party and supplied to the Tenderer   Calculation of imported content   Description of imported   Unit of measure   Local supplier   Overseas							ANI	NEXURE D -	Continued				SATS 1286.2011
C. Imported by a 3 <sup>rd</sup> party and supplied to the Tenderer  Calculation of imported content  Description of imported content  (D33)  (D34)  (D35)  (D36)  (D36)  (D37)  (D38)  (D37)  (D38)  (D39)  (D40)  (D41)  (D41)  (D42)  (D43)  (D42)  (D43)  (D44)  (D42)  (D43)  (D44)  (D45) Total imported value by 3 <sup>rd</sup> party  (D45) Total imported value by 3 <sup>rd</sup> party  (D46)  (D47)  (D48)  (D49)  (D59)  (D59)  (D59)  (D59)  (D50)  (					Import	ed Content Dec	laration -	- Supporting	Schedule to	Annexure C			
Description of imported content   Unit of measure   Local supplier											NOTE:	VAT to be exclude	led from all calculations
Unit of measure content was under the collection of the content of measure content with the content of measure content with the content of th	C. Imported by a 3 <sup>rd</sup>	party and su	pplied to t	he Tenderer				Calculation of	imported content				Summary
(D45) Total imported value by 3rd party  D. Other foreign currency payments  Type of payment  (D46)  (D47)  (D48)  (D49)  (D52) Total of foreign currency payments ecclared by tenderer and/or 3rd party  (D52) Total of proeign currency payments ecclared by tenderer and/or 3rd party  (D52) Total of proeign currency payments declared by tenderer and/or 3rd party  (D53) Total of proeign currency payments declared by tenderer and/or 3rd party  (D53) Total of proeign currency payments - (D32), (D45) and (D52) above				Local supplier		value as per	Exchange			incurred landing			Total imported value
D. Other foreign currency payments  Type of payment  Local supplier making the payment  (D46)  (D47)  (D48)  (D49)  (D50)  (D51)  (D51)  (D53) Total o imported content and foreign currency payments — (D32), (D45) and (D52) above	(D33)	(	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
D. Other foreign currency payments  Type of payment  Local supplier making the payment  (D46)  (D47)  (D48)  (D49)  (D50)  (D51)  (D52) Total of foreign currency payments declared by tenderer and/or 3 <sup>rd</sup> party  (D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above													
Calculation of foreign currency payments  Type of payment  Local supplier making the payment  (D46)  (D47)  (D48)  (D49)  (D50)  (D51)  (D52) Total of foreign currency payments declared by tenderer and/or 3 <sup>rd</sup> party  (D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above													
D. Other foreign currency payments  Type of payment  Local supplier making the payment  (D46)  (D47)  (D48)  (D49)  (D50)  (D51)  (D51)  (D52) Total of foreign currency payments declared by tenderer and/or 3 <sup>rd</sup> party  (D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above													
Calculation of foreign currency payments  Type of payment  Local supplier making the payment  (D46)  (D47)  (D48)  (D49)  (D50)  (D51)  (D52) Total of foreign currency payments declared by tenderer and/or 3 <sup>rd</sup> party  (D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above											(D45) Total import	end value by 2rd parts	
Type of payment   Local supplier making the payment   Overseas beneficiary   Foreign currency value paid   Exchange						1					( <i>D43)</i> Total IIIIpoli		
(D46) (D47) (D48) (D49) (D50) (D50) (D51)  (D52) Total of foreign currency payments — (D32), (D45) and (D52) above	. Other foreign cu					Calculation of foreig					-	Summa	ry of Payments
(D52) Total of foreign currency payments declared by tenderer and/or 3 <sup>rd</sup> party (D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above	Гуре of payment			the Oversea	s beneficiary							Local va	lue of payments
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above	(D46)	(D	047)		(D48)	(D49)	(D50	)					(D51)
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above													
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above											-		
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above											-		
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above							/D52	) Total of foreign o	urrancy naymants d	aclared by tenderer	and/or 3rd narty		
						(D53)	•	,		_			
This total must correspond with Affrex C = (C2	SIGNATURE O	E TENDERE	R AS PEI	RIOCAL CONT	TENT DECLAR	` ` ´	rotar o impon	ied content and for	eigh currency payin	ents – ( <i>D02)</i> , ( <i>D40)</i> 6	, ,		with Anney C (C22)
	GIOINATOINE O	1 ILINDLINL	IN AUT LI	N LOUAL OON	ILITI DECENI	ATTON					i nis total	must correspond	with Affrica C - (C23)
DATE													

Reference No:

B/SM 30/21



		ANNEX E		SATS 1286.2011
L	ocal content Dec	laration - Sum	mary Schedule	
(E1) Tender No.			NOTE: VAT to be e	excluded from all calculations
(E2)Tender Description				
(E3) Designated product(s)				
(E4) Tender Authority				
(E5) Tendering Entity's Name				
Description of items pu		S (Goods, Service	s and Works) suppliers	Value
(E6)	iiciiaseu		(E7)	(E8)
(20)		'		(20)
	(E9) Total local	   products (Goods.	service and works)	
	(=0)	. p	,	
	(E10) Manpowe	r costs (Tenderer's	own manpower cost)	
(E11) Factory overheads (Renta	al, depreciation & amo	ortization, utility cost	s, consumables, etc.)	
(E12) Administration avails	la and mark up /Ma-	kating incurence fi	agnoing interest stall	
(E12) Administration overhead	is and mark-up (Mari	keting, insurance, fir	nancing interest, etc.)	
		(E13)	Total local content	
		· <u> </u>		spond with Annex C – C24
SIGNATURE OF TENDERER AS F	PER LOCAL CONTEN	IT DECLARATION	_	
GIGNATURE OF TENDEREN AG F	LIN LOOML GOINTEN	II DEOLAIVATION		
			_	
DATE				

Reference No:	B/SM 30/21	Page 43 of 95



### 12. MBD 8 - DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1. This Municipal Bidding Document must form part of all bids invited.
- 2. It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3. The bid of any bidder may be rejected if that bidder, or any of its directors have:
  - 3.1. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
  - 3.2. been convicted for fraud or corruption during the past five years;
  - 3.3. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
  - 3.4. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

4.1	Is the bidder or any of its directors listed on the National Treasury's database as a company or person prohibited from doing business with the public sector?  (Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the audi alteram partem rule was applied).	Yes	No
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?  (To access this Register enter the National Treasury's website, <a href="www.treasury.gov.za">www.treasury.gov.za</a> , click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).	Yes	No
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No

Reference No:	B/SM 30/21	Page 44 of 95
---------------	------------	---------------



	4.3.1	If so, f	furnish partio										
	4.4	Does	the bidder	or any of it	s directors	owe	any municipal rates	s and taxes or					
		munic	ipal charge	s to the i	municipality	/ / m	unicipal entity, or for more than three	to any other	Yes	No			
	4.4.1	If so, furnish particulars:											
	4.5	any o		of state ter	minated du	uring t	e municipality / mur he past five years ct?		Yes	No			
	4.5.1	If so, f	furnish parti	culars:									
5.		CERT	ΓΙΓΙCATION										
	I, the undersigned (full name),, certify the information furnished on this declaration form true and correct.												
	I accept that, in addition to cancellation of a contract, action may be taken against me should this declaratio prove to be false.												
SIC	SIGNATURE: NAME (PRINT):												
CA	CAPACITY: DATE:												
NAME OF FIRM:													

Reference No:	B/SM 30/21	Page 45 of 95



#### 13. MBD 9 – CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1. This Municipal Bidding Document (MBD) must form part of all bids invited.
- 2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>4</sup> Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
- 3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
  - 3.1. take all reasonable steps to prevent such abuse;
  - 3.2. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
  - 3.3. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4. This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5. In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

### CERTIFICATE OF INDEPENDENT BID DETERMINATION:

In response to the invitation for the bid made by:

### STELLENBOSCH MUNICIPALITY

- I, the undersigned, in submitting the accompanying bid, hereby make the following statements that I certify to be true and complete in every respect:
- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder:
- 4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
- 5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - 5.1. has been requested to submit a bid in response to this bid invitation;

<sup>4</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

Reference No:	B/SM 30/21	Page 46 of 95
---------------	------------	---------------



- 5.2. could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
- 5.3. provides the same goods and services as the bidder and/or is in the same line of business as the bidder
- 6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>5</sup> will not be construed as collusive bidding.
- 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - 7.1. prices;
  - 7.2. geographical area where product or service will be rendered (market allocation)
  - 7.3. methods, factors or formulas used to calculate prices;
  - 7.4. the intention or decision to submit or not to submit, a bid;
  - 7.5. the submission of a bid which does not meet the specifications and conditions of the bid; or
  - 7.6. bidding with the intention not to win the bid.
- 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No. 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No. 12 of 2004 or any other applicable legislation.

SIGNATURE:	NAME (PRINT):	
CAPACITY:	DATE:	
NAME OF FIRM:		

Reference No:	B/SM 30/21	Page 47 of 95

<sup>&</sup>lt;sup>5</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.



# 14. MBD 10 - CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES

DECLARATION IN TER	MS OF CLAU	JSE 112(1)	OF THE MUNICIPA OF 2003)	L FINA	NCE MANAGEN	IENT ACT (NO.56
I,acknowledge that according if any municipal rates directors/members/partners in arrears for more than 3	and taxes ers to the Ste	or municip llenbosch l	oal service charges	ipality m	ay reject the ter by the Tende	rer or any of its
I declare that I am duly at of the firm) and hereby director/member/partner of Republic of South Africa,	declare, the declare of said firm is	nat to the s in arrears	best of my person s on any of its muni			
I further hereby certify that The Tenderer acknowled being disqualified, and/or	ges that failur	re to prope	rly and truthfully com	plete th	is schedule may	result in the tender
PHYSICAL BU	SINESS ADDRE	SS(ES) OF TH	HE TENDERER		MUNICIPAL AC	COUNT NUMBER
FURTHER DETAILS OF TH	E BIDDER'S D	irector / Sh	areholder / Partners, e			
Director / Shareholder / partner	irector / Shareholder / partner Physical address of the Nunicipal Account address of the Nunicipal Account address		addres	sical residential s of the Director / eholder / partner	Municipal Account number(s)	
	any of its D	Directors/Sh	ument(s) and Municip areholders/Partners, with this tender.			ses, a copy of the
Signature			Position		Date	

Reference No:	B/SM 30/21	Page 48 of 95
11010101100 1101	2/0 00/2.	1 ago 10 01 00



# 15. COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT 130 OF 1993)

COMPENSATION 1993)	FOR OCCUPATIONAL INJURIES	AND DIS	SEASES ACT, 1993 (ACT 130 OF	
Stellenbosch Municipality has legal duty in terms of Section 89 of the said Act to ensure that all contractors with whom agreements are entered into for the execution of work are registered as employers in accordance with the provisions of this Act and that all the necessary assessments have been paid by the contractor.  In order to enter into this agreement, the following information is needed regarding the abovementioned:				
_	Contractor's registration number with the office of the Compensation Commissioner:			
NOTE:  A copy of the latest receipt together with a copy of the relevant assessment OR a copy of a valid Letter of Good Standing must be handed in, in this regard.				
PRINT NAME:				
CAPACITY:		Name of firm		
SIGNATURE:		DATE:		

 Reference No:
 B/SM
 30/21
 Page 49 of 95



# **16. FORM OF INDEMNITY INDEMNITY** Given by (Name of Company) of (registered address of Company) a company incorporated with limited liability according to the Company Laws of the Republic of South Africa (hereinafter called the Contractor), represented herein by (Name of Representative) \_\_\_\_\_\_ in his capacity as (Designation) of the Contractor, is duly authorised hereto by a resolution dated /20 , to sign on behalf of the Contractor. WHEREAS the Contractor has entered into a Contract dated / 20 with the Municipality who require this indemnity from the Contractor. NOW THEREFORE THIS DEED WITNESSES that the Contractor does hereby indemnify and hold harmless the Municipality in respect of all loss or damage that may be incurred or sustained by the Municipality by reason of or in any way arising out of or caused by operations that may be carried out by the Contractor in connection with the aforementioned contract; and also in respect of all claims that may be made against the Municipality in consequence of such operations, by reason of or in any way arising out of any accidents or damage to life or property or any other cause whatsoever; and also in respect of all legal or other expenses that may be incurred by the Municipality in examining, resisting or settling any such claims; for the due performance of which the Contractor binds itself according to law. SIGNATURE OF CONTRACTOR: DATE: SIGNATURE OF WITNESS 1: DATE: SIGNATURE OF WITNESS 2: DATE:

Reference No:	B/SM	30/21	Page 50 of 99



PART B - SPECIFICATIONS AND PRICING SCHEDULE

Reference No: B/SM 30/21 Page 51 of 98

### 17. SPECIFICATIONS

### **SPECIFICATIONS**

### **SCOPE OF WORK**

All tenders received will be evaluated in terms of the Municipal Supply Chain Management Regulations, PPPFA, the Stellenbosch Municipality Supply Chain Management Policy and relevant specifications. Bidders must provide the user department with firm prices on the supply and delivery of new drones, new drone accessories and accessories for the department's existing drones. The successful bidder must then demonstrate/offer training on the new drone models and its accessories

#### 1. BACKGROUND

Stellenbosch Municipality is dealing with a great increase in land grab on municipal owned land/property and open spaces. People in informal settlements are erecting structures by the numbers and especially doing so during the night.

Law Enforcement Service has various drones such as the DJI Phantom 4, capable of doing air surveillance in these areas. One specific drone the user department possess, DJI Matrice 210 RTK, is an industrial drone that is capable of flying in strong wind conditions and is also water resistant and can aid to monitor informal settlements where structures are being erected constantly during the night. However, the drone requires additional parts and accessories such as thermal imaging for night flying as inspections should be undertaken of the Greater WC024.

### 2. COMPLIANCE

The successful bidder must be an authorised DJI Enterprise distributor or a subsidiary of such distributor company and must provide proof thereof. Local content applicable.

### 3. ITEM A - POWEREGG X WIZARD (WATERPROOF) - OR EQUIVALENT

The drone model with specifications listed below are based on <u>minimum requirements</u> and must be complied with.



SIGNATURE:	NAME (PRINT):	
CAPACITY:	DATE:	
NAME OF FIRM:		

Reference No: B/SM 30/21	Page 52 of 95
--------------------------	---------------

		Compl	iance to	specification mark X in Yes/No
Drone specifications – ITEM A				
POWEREGG X WIZARD (WATERPROOF) – OR EQUIVALENT			No	Please indicate specifications
	Al (Artificial Intelligence) C	amera	Mode	
Weight	Min. 520g ; Max. 530g			
Dimension	Min. 165×100×100 mm			
Working Time	Minimum 4 Hours			
Working Temperature	Minimum 0°C; Maximum 40°C			
Working Frequency	FCC/IC:2412~2462MHz CE:2412~2472MHz SRRC:2412~2472MHz MIC:2412~2472MHz			
Transmitting Power	CE(EIRP):≤18.2dBm FCC:≤21dBm IC:≤21dBm MIC:≤10mw/MHz SRRC(EIRP):≤20dBm			
	Drone Mode			
Take-Off Weight	Max. 870g			
Propeller Pitch	Up to 427.5mm			
Horizontal Flight Speed	Maximum 18m/s			
Take-Off Altitude	4000m maximum			
GNSS	GPS + GLONASS			
Working Temperature	Minimum 0 ; Maximum 40°C			
Working Frequency	FCC/IC:2412~2462MHz CE:2412~2472MHz SRRC:2412~2472MHz MIC:2412~2472MHz			
Transmitting Power	CE(EIRP):≤17.3dBm FCC:≤27dBm IC:≤27dBm MIC:≤10mw/MHz SRRC(EIRP):≤20dBm			
	Gimbal			T
	(Drone Mode) Pitch Operation : - 90°~ +20°.			
Controllable Rotation Range	(AI Camera Mode)Pitch Operation : -90°~			
	+20° . Horizontal : -55° ~ + 55°			
Input	Min. 100; Max. 240 V, Min. 50;			
Output	Max. 60 Hz  Battery Port : 13.3 V = 3.76 A  USB-A Port : 5 V = 2 A			

Reference No:	B/SM 30/21	Page 53 of 95
---------------	------------	---------------



Voltage	Max. 5 V	
Rated Power	Max. 50 W	
	Battery	
Energy	Max. 44 Wh	
Capacity	Max. 4000 mAh	
Nominal Voltage	Max 12 V	
Limited Charging Voltage	Max. 14V	
Battery Type	LiPo 3S	
Weight	Max. 240g	
Charging Temperature	Minimum 10°C; Maximum 45°C	
Charging Power	Maximum 50W	
	Camera	
Image Sensor	1/2.8 inch CMOS; Effective Pixels with minimum 12MP+	
Lens	Angle of View: Max. 80° Equivalent Focal Length: Min. 27mm; Max. 35 mm Aperture: f/1.8 Prime Lens Focus Distance: 1 m to ∞	
ISO Range	Video: Min. 100 ; Max.3300 Photo: Min. 100; Max. 6500	
Electronic Shutter Speed	Max 8 – 1/8000 s	
Photo Size	Maximum 4000×3000	
Photo Mode	Single         Photo           BURST: Up         to         3/5/7           AEB:         3/5         @ 0.7EV         step           Timed         Photo (Interval: Up to 3/5/7/10/15/30/60s)	
Video Size	Minimum: 4K: 3840×2160 24/25/30/48/50/60p FHD: 1920×1080 24/25/30/48/50/60/120p HD:1280×720 24/25/30/48/50/60/120/240p	
Video Bit Rate	Minimum 75 Mbps ; Maximum 100 Mbps	
Supported File System	FAT32 (Minimum 32 GB; exFAT)	
Image Format	JPEG / RAW	
Video Format	MP4 / MOV (H.265/H.264/MPEG-4 AVC)	
Aircraft Memory	Minimum 6G	
Supported Storage Card Type	Micro SD card; Micro SD card supporting a	

Reference No:	B/SM 30/21	Page 54 of 95
---------------	------------	---------------

	memory of minimum 128 GB, with a transmission speed of Class10 or higher or with a UHS-3 speed		
	class Remote Control		
Working Frequency	FCC/IC:2412~2462MHz CE:2412~2472MHz SRRC:2412~2472MHz MIC:2412~2472MH	oller	
Distance for Effective Signal	Maximum: FCC: 7km; CE: 5km; SRRC: 4km		
Working Temperature	Minimum 0°C ; Maximum 40°C		
Transmitting Power (EIRP)	2.4 GHz CE (Europe) / MIC (Japan) / KCC (Korea) : < 20 dBm  5.8 GHz SRRC (China) / FCC (United States) /NCC (Taiwan, China) : < 26 dBm		
Built-In Battery	Minimum 3800 mAh		
Working Current/Voltage	Minimum 1800 mAh @ 3.7 V(When connected to a phone via USB		
Supported Mobile Device	Port Type : Lighting, Micro USB, USB-C		
Mobile Device Stand	Device Width 65mm-84mm (6 inches or smaller) Supported Device Thickness: < 8.3mm		
	Purchase must inc	clude	
<ul> <li>Drone</li> <li>Remote</li> <li>Suitcase</li> <li>Drone Bag</li> <li>2 Batteries</li> <li>Waterproof</li> <li>Water Landi</li> <li>Spare Propeller Ar</li> <li>MicroSD (64)</li> </ul>	ing Floats ellers (Set)		
Additional Accessories – ITEM A (OR EQUIVALENT ON ALL ITEMS)			
Batteries	Minimum: Energy - 43.32Wh Capacity - 3800 mAh Nominal Voltage - 11.4 V Limited Charging Voltage - 13.2V Battery Type - LiPo 3S Weight - 237g Charging Temperature - 10°C ~		

Reference No:	B/SM 30/21	Page 55 of 95
---------------	------------	---------------

	45°C Maximum Charging Power - 50W	
	Car Charger compatible with drone model (must be able to connect with a multi-charger)	
Chargers	Battery Charger with drone model (Must include AC Cable)	
	Battery Charging Hub for drone model batteries	
Propellers	Low-Noise Propellers compatible with drone model (Per set)	
Waterproof Case	Compatible with drone model.	
Foldable Attachable Propellers Arms	Must be compatible with drone model	
Tools	OWC 5-piece Mini Toolkit (minimum)	

SIGNATURE:	NAME (PRINT):	
CAPACITY:	DATE:	
NAME OF FIRM:		

Reference No:	B/SM 30/21	Page 56 of 95
---------------	------------	---------------



# 4. ITEM B - MAVIC 2 ENTERPRISE DUAL (OR EQUIVALENT)

The drone model with specifications listed below are based on minimum requirements and must be complied with.



		Compliance to specification mark in Yes/No		
Drone specifications – ITEM B				
MAVIC 2 ENTERPRIS	SE DUAL (OR EQUIVALENT)	Yes	No	Please indicate specifications
	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: ±0.3m (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°/s (S-Mode) Maximum 100°/s (P-Mode) 200°/s (S-Mode) Maximum 100°/s (P-Mode	
Working Frequency	2.400 – 2.4835 GHz 5.725 – 5.850 GHz	
Transmission Power (EIRP)	$\begin{array}{lllll} & SRRC : \leq & 20 & dBm \\ & MIC : \leq & 20 & dBm5.725-5.850 & GHz \\ & FCC : \leq & 26 & dBm \\ & CE : \leq & 14 & dBm \\ & SRRC : \leq & 26 & dBm \end{array}$	
Internal Storage	Minimum 24 GB	
GNSS	GPS + GLONASS	
	M2ED Thermal Ca	mera
Sensor	Uncooled VOx Microbolometer	
Lens	HFOV: 57° Aperture: f/1.1	
Sensor Resolution	Minimum 160×120	
Pixel Pitch	Minimum 12 μm	
Spectral Band	Minimum 12 μm	
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	

Reference No: B/SM 30/21	Page 58 of 95
--------------------------	---------------

Video Recording Modes	Minimum 640×360 @8.7fps	
Accuracy	High Gain: Maximum ±5% (typical) Low Gain: Maximum ±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 Can	nera
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	

Reference No:	B/SM 30/21	Page 59 of 95
---------------	------------	---------------



	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 Syster	m	
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		

Reference No:	B/SM 30/21	Page 60 of 95
---------------	------------	---------------

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 Ba	attery	
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		

Reference No:	B/SM 30/21	Page 61 of 95
---------------	------------	---------------



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 Contr	roller
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	N
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	

Reference No: B/SM 30/21	Page 62 of 95
--------------------------	---------------



Latency	Min. 120 ; Max. 130 ms			
USB Power Suppl				
Required Operation Systems	iOS 10.0 or later Android 5.0 or	later		
	• • • • • • • • • • • • • • • • • • • •	rt SD Cards		
Supported SD Cards	Micro SD™ Supports a microSD with a minimodule capacity of 128 GB. A UHS-I Sp Grade 3 rating microSD card is	eed		
	Purchase	e must include		
<ul><li>Spare pro</li><li>Power US</li><li>RC Cable</li></ul>	teries x2 Il Carry Case pellers (Set) BB Cable Type-C			
	Accessories - ITEM B MAVIC 2 EN	TERPRISE DU	AL (OR EQI	JIVALENT ON ALL ITEMS)
Batteries	Intelligent Self-Heating Flight Ba Mavic 2 Enterprise Battery to Power Bank Adapter Mavic 2 Pro/Zoom/Enterprise Ba	for		
Chargers	(must be capable to conne multi-charger)	atteries ect with avic 2 include Mavic 2		
Propellers	Low-Noise propellers for N (Set)			
Landing Gear	Spare landing gears for M Pro/Zoom/Enterprise Landing Gear Extension Mavic 2 Enterprise			
Mavic 2 Enterprise Beacon				
Other	Mavic 2 Enterprise Speaker			
Mavic 2 Enterprise Spotlight		t		
SIGNATURE		NAME (PRINT)		
CAPACITY		DATE		

Reference No: B/SM 30/21	Page 63 of 95
--------------------------	---------------

NAME OF FIRM



5. ITEM C - PHANTOM 4 PRO+ V2 (OR EQUIVALENT)

The drone model with specifications listed below are based on minimum requirements and must be complied with.



Drone specifications – ITEM C		Compliance to specification mark in Yes/No		
PHANTOM 4 PRO+ V2 (OR EQUIVALENT)		Yes	No	Please indicate specifications
	Aircraft			
Weight	Max 1380g (Battery and propellers included)			
Diagonal Distance	Max 360 mm (Propellers excluded)			
Service Ceiling Above Sea Level	Max 6000 m			
Ascent Speed	Max. 6 m/s (S-Mode); Max. 5 m/s (P-Mode)			
Descent Speed	Max. 4 m/s (S-Mode); Max 3 m/s (P-Mode)			
Speed	S-mode: 75 kph Max. A-mode: 60 kph Max. P-mode: 50 kph Max.			
Tilt Angle	S-mode: 45° Max. A-mode: 40 Max.° P-mode: 30° Max.			
Angular Speed	S-mode: 250°/s Max. A-mode: 150°/s Max.			
Wind Resistance	10 m/s Max.			
Flight Time	Min. 25 min ; Max 32 min			
Working Temperature	Min. 5°; Max 42°C			
Working Frequency	2.4   GHz   CE (Europe) / MIC (Japan) / KCC   (Korea) : < 20   dBm			

Reference No:	B/SM 30/21	Page 64 of 95
---------------	------------	---------------

	T		
	5.8 GHz SRRC (China) / FCC (United States) /NCC (Taiwan, China): < 26 dBm		
Transmission Power (EIRP)	2.4 GHz		
Satellite Positioning System	GPS/GLONASS		
Hover Accuracy Range	Vertical:  ±0.1 m (with Vision Positioning)  ±0.5 m (with GPS Positioning)  Horizontal:  ±0.3 m (with Vision Positioning)  ±1.5 m (with GPS Positioning)		
	App / Live View	N	
Mobile App	DJI GO 4 – Minimum Required		
Live View Working Frequency	2.4 GHz ISM, 5.8 GHz ISM		
Live View Quality	Min. 720P @ 30fps, Max. 1080P @ 30fps		
Latency	Phantom 4 Pro V2.0: 220 ms (depending on conditions and mobile device) Phantom 4 Pro V2.0: 160 - 180 ms		
	Vision System	1	
Vision System  Velocity Range	Forward Vision System Backward Vision System Downward Vision System ≤ 50 kph at 2 m above ground with		
Altitude Range	Adequate lighting Min. 0; Max. 13 m		
Operating Range	Min. 0 ; Max 13 m)		
Obstacle Sensing Range	Min. 0.7 ; Max. 35 m		
FOV	Forward: Up to 60°(Horizontal), ±27°(Vertical) Backward: Up to 60°(Horizontal), ±27°(Vertical) Downward: Up to 70°(Front and Rear), 50°(Left and Right)		
Measuring Frequency	Forward: 15 Hz Max Backward: Up to 15 Hz Max Downward: Max 25 Hz Max		
Operating Environment	Surfaces with clear patterns and adequate lighting( > 15 lux)		
Camera			
Image Sensor	1" CMOS; Effective pixels: Up to 20 M		
Lens	FOV 84° 8.8 mm/24 mm (35 mm format equivalent) f/2.8 - f/11 auto focus at 1 m - $\infty$		

Reference No:	B/SM 30/21	Page 65 of 95
---------------	------------	---------------

ISO Range  Electronic Shutter	Video: Min. 100; Max-3500 (Auto) Min. 100; Max.6500 (Manual);  Photo: Min. 100; Max.3500 (Auto) Min. 100; Max. 13000 (Manual)		
Speed Mechanical Shutter	Up to 8 - 1/8000 s Up to 8 - 1/2000 s		
Speed Image Size	3:2 Aspect Ratio: Min. 5472 × 3648 4:3 Aspect Ratio: Min. 4864 × 3648 16:9 Aspect Ratio: Min. 5472 × 3078		
PIV Image Size	Min. 4096×2160(4096×2160 24/25/30/48/50p) Min. 3840×2160(3840×2160 24/25/30/48/50/60p) Min. 2720×1530(2720×1530 24/25/30/48/50/60p) Min. 1920×1080(1920×1080 24/25/30/48/50/60/120p) Min. 1280×720(1280×720 24/25/30/48/50/60/120p		
Still Photography Modes	Single Shot Burst Shooting: Up to 3/5/7/10/14 frames Auto Exposure Bracketing (AEB): Up to 3/5 bracketed frames at 0.7 EV Bias Interval: 2/3/5/7/10/15/20/30/60 s		
Video Recording Modes	Minimum: C4K:4096×2160 24/25/30p @100Mbps 4K:3840×2160 24/25/30p @100Mbps 2.7K:2720×1530 24/25/30p @65Mbps 2.7K:2720×1530 48/50/60p @80Mbps FHD:1920×1080 24/25/30p @50Mbps FHD:1920×1080 120p @100Mbps HD:1280×720 24/25/30p @25Mbps HD:1280×720 48/50/60p @35Mbps HD:1280×720 120p @60Mbps HD:1280×720 48/50/60p @35Mbps HD:1280×720 48/50/60p @35Mbps HD:1280×720 48/50/60p @60Mbps  H.264 Minimum: C4K:4096×2160 24/25/30/48/50/60p @100Mbps 4K:3840×2160 24/25/30p @80Mbps 2.7K:2720×1530 24/25/30p @80Mbps 2.7K:2720×1530 48/50/60p @100Mbps FHD:1920×1080 48/50/60 @100Mbps FHD:1920×1080 48/50/60 @80Mbps FHD:1920×1080 120p @100Mbps FHD:1920×1080 120p @100Mbps HD:1280×720 24/25/30p @30Mbps HD:1280×720 48/50/60p @45Mbps HD:1280×720 48/50/60p @45Mbps HD:1280×720 120p @80Mbps		
Video Bit Rate	Max. 100 Mbps		

Reference No: B/SM 30/21	Page 66 of 95
--------------------------	---------------



Support File Systems	FAT32 (Min. 32 GB); exFAT (Higher than 32 GB)	
Photo	JPEG, DNG (RAW), JPEG + DNG	
Video	MP4/MOV (AVC/H.264; HEVC/H.265)	
Supported SD Cards	Micro SD Max Capacity: Min. 128GB Write speed ≥15MB/s, Class 10 or UHS- 1 rating required	
Working Temperature Range	Min. 5°; Max 42°C	
	Intelligent Flight Ba	attery
Capacity	Max. 5900 mAh	
Voltage	Max. 16 V	
Battery Type	LiPo 4S	
Energy	Max. 90 Wh	
Net Weight	Max. 480 g	
Charging Temperature Range	Min10° ; Max. 40°C	
Charging Power	Max 160 W	
	Charger	
Input Voltage	Max 18 V	
Rated Power	Max. 100 W	
Working Temperature	Min. 5°; Max 42°C	
Temperature	SDK Remote Cont	roller
Working Frequency	2.400 - 2.483 GHz and 5.725 - 5.850	
Maximum Distance for Effective Signal	GHz  2.400 - 2.483 GHz (Unobstructed, free of interference) FCC: 4.3 mi (7 km) CE: 2.5 mi (4 km) SRRC: 2.5 mi (4 km) 5.725 - 5.850 GHz (Unobstructed, free of interference) FCC: 4.3 mi (7 km) CE: 1.2 mi (2 km) SRRC: 3.1 mi (5 km)	
Working Temperature	Min. 0°; Max 42°C	
Transmitting Power (EIRP)	2.400 - 2.483 GHz FCC: 26 dBm CE: 20 dBm SRRC: 20 dBm MIC: 17 dBm 5.725 - 5.850 GHz FCC: 26 dBm CE: 14 dBm SRRC: 20 dBm MIC: -	

Reference No:	B/SM 30/21	Page 67 of 95
---------------	------------	---------------

Built-In Battery	Max. 6000 mAh LiPo 2S			
Working Current/Voltage	1.2 A @ 7.4 V			
Video Output Port	GL300K: HDMI GL300L: USB			
Mobile Device Holder	GL300K: Built-in display device (5.5 inch screen, 1920×1080, 1000 cd/m², Android system, 4 GB RAM+16 GB ROM) - Minimum GL300L: Tablets and smart phones - Minimum			
	Gimbal			
Stabilization	3-axis (pitch, roll, yaw)			
Controllable Range	Pitch: -90° to +30			
Controllable Angular Range	Pitch: 90°/s Max			
Angular Vibration Range	±0.02°			
	Infrared Sensing S	/stem		
Obstacle Sensory Range	Min. 0.2 Max. 10 m			
FOV	Max 70° (Horizontal), ±10° (Vertical)			
Measuring Frequency	Max. 12 Hz			
Operating Environment	Surface with diffuse reflection material, and reflectivity > 8% (such as wall, trees, humans, etc.)			
	Purchase must inc	lude		
<ul> <li>Spare Intellige</li> <li>Phantom 4 Pr</li> <li>Power Cable</li> <li>Gimbal Clamp</li> <li>MicroSD Card</li> <li>Micro USB Card</li> <li>Carry Case</li> <li>Low-Noise pro</li> </ul>	o d (64GB minimum) able opellers (Set)			
Additional Accessories – ITEM C PHANTOM 4 PRO+ V2 (OR EQUIVALENT ON ALL ITEMS)				
Batteries	Intelligent Flight Battery for Phantom 4 Pro/Pro+			
Propellers	Low-Noise Propeller Set for Phantom 4 Pro V2			
Chargers	Phantom 4 12V Car Charger (must be capable to connect with multicharger)  100W Battery Charger for Phantom 4/Pro (Must include AC Cable)  Multi-Charging hub - charges 3 high capacity Phantom 4/Pro batteries at the same time and			
	must be compatible with the			

Reference No:	B/SM 30/21	Page 68 of 95
---------------	------------	---------------

	Phantom battery type	
Filters	6-in-1 filter kit	
Lighting	Dual Lume Cube Lights for DJI Phantom 4 Pro which meets the following minimum requirements:  • Waterproof	
Lighting	<ul> <li>1500 lumens</li> <li>USB Rechargeable</li> <li>Can connect wirelessly to any smartphone (iPhone, iPad or Android) for full control</li> </ul>	
Safety Equipment	Drone safety parachute deployment device compatible with Phantom 4 models (excludes RTK Model)	
Attachable	Bait Dropper (Capable of lifting up to 1kg and compatible with Phantom 4 drones)	
	Gimbal Lock for Phantom 4 Pro	

SIGNATURE:	NAME (PRINT):	
CAPACITY:	DATE:	
NAME OF FIRM:		

Reference No:	B/SM 30/21	Page 69 of 95
---------------	------------	---------------



# 6. ITEM D - MATRICE 300 RTK (OR EQUIVALENT)

The drone model with specifications listed below are based on <u>minimum requirements</u> and must be complied with. If a bidder cannot provide the user department with the exact model and minimum specifications, the bidder must provide an <u>equivalent model</u> with specifications to the user department.



Drone specifications – ITEM D		Compliance to specification mark in Yes/No		
MATRICE 300 RTK (OR EQUIVALENT)		Yes	No	Please indicate specifications
	Aircraft			
Dimensions	Unfolded, propellers excluded, Minimum. 81×67×43 cm (LxWxH)  Folded, propellers included, Minimum. 43×42×43 cm (LxWxH)			
Diagonal Wheelbase	Minimum 89.4cm			
Weight (with single downward gimbal)	Approx.3.6 kg (without batteries)   Approx. 6.3kg (with two TB60 batteries)			
Payload	Max 3kg			
Take-off Weight	Max.10kg			
Operating Frequency	2.4000-2.4835 GHz   5.725-5.850 GHz EIRP: 2.4000-2.4835 GHz: 29.5 dBm (FCC)   5.725-5.850 GHz: 28.5 dBm (FCC)			
Hovering Accuracy (P-Mode w/ GPS) – Vertical	±10.1cm (Vision System enabled)   ±50cm (GPS enabled)   ±10.1cn (RTK enabled)			
Hovering Accuracy (P-Mode w/ GPS) – Horizontal	±30cm (Vision System enabled)   ±150cm (GPS enabled)   ±10.1cm (RTK enabled)			
RTK Positioning Accuracy	When RTK enabled and fixed: 1cm + 1 ppm (Horizontal)   1.5cm + 1 ppm (Vertical)			



American Malay 1	Ditab. Mar. 2000/- Va - Mar. 4000/	
Angular Velocity	Pitch: Max. 300°/s, Yaw: Max. 100°/s	
Pitch Angle	Max. 30° (P-mode, Forward Vision System enabled: Up to 25°)	
Ascent Speed	S Mode: Max. 22kph   P Mode: Max. 20kph	
Descent Speed (Vertical)	S Mode: Max. 19kph   P Mode: Max. 11kph	
Descent Speed (Tilt)	S Mode: Max. 26kph	
Speed	S-Mode: Max. 83kph   P Mode: Up to 62kph	
Service Ceiling Above Sea Level	Max. 5000 m (with 2110 propellers, take-off weight ≤ 7kg)   Max. 7000 m (with 2195 propellers, take-off weight ≤ 7 kg)	
Wind Resistance	Max. 55 kph	
Max Flight Time	Min. 45 min ; Max. 55 min	
Supported Gimbals	Zenmuse XT2 / XT S / Z30 / H20 / H20T	
Supported Gimbal Configurations	<ul> <li>Single Downward Gimbal</li> <li>Dual Downward Gimbals</li> <li>Single Upward Gimbal</li> <li>Upward and Downward Gimbals Triple Gimbals</li> </ul>	
Ingress Protection Rating	IP45	
GNSS	GPS + GLONASS + BeiDou + Galileo	
Operating temperature	Min-20°C ; Max 50°C	
	Remote Control	ller
Operating Frequency	2.4000-2.4835 GHz   5.725-5.850 GHz	
Transmitting Distance (unobstructed, free of interference)	Minimum 12km ; Maximum 16 km	
EIRP	2.4000-2.4835 GHz: 29.5 dBm (FCC)   5.725-5.850 GHz: 28.5 dBm (FCC)	
External Battery	WB37 Intelligent Battery – Capacity: 5000 mAh (Minimum)– Voltage: 7.6V – Type: LiPo – Energy: 37.39Wh – Charging time (using BS60 Intelligent Battery Station): Max. 70 minutes (15°C to 45°C); Max. 130 minutes (0°C to 15°C)	
Built-In Battery	Type: 18650 li-ion battery (Min. 5000 mAh @ 7.2 V) – Charging: USB charger with specification of 12V / 2A – Rated power: 17 W – Charging time: 2 hours 20 minutes Maximum	
Battery Life	Built-in battery: Min. 2.5h; Max. 3h   Built-in battery + External battery: Min. 4.5h; Max. 5h	
USB Power Supply	Max. 5 V / 1.5 A	

Reference No:	B/SM 30/21	Page 71 of 95
---------------	------------	---------------

Operating Temperature	Min20°C ; Max. 40°C	
	Vision System	1
Obstacle Sensing Range	Forward/ backward/ Left/ Right: Min. 2.3 ft; Max. 131 ft   Upward/ downward: Min. 2 ft; Max. 98 ft	
FOV	Forward/ backward/ downward: Max. 67° (H), Max. 55° (V)   Left/ right/ upward: Max. 78° (H), Max. 63° (V)	
Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)	
	Infrared Sensing Sy	ystem
Obstacle Sensing Range	Min. 0.30 ft. ; Max. 30 ft.	
FOV	Max. 35° (±15°)	
Operating Environment	Large, diffuse and reflective obstacles (reflectivity >10%)	
	Top & Bottom Auxilia	ry Light
Effective Lighting Distance	Max. 20 ft.	
	FPV Camera	
Resolution	Max. 1080p	
FOV	Max 180°	
Frame Rate	Max. 30 fps	
	Intelligent Flight Ba	attery
Name	TB60	
Capacity	Max. 6000 mAh	
Voltage	Max. 53 V	
Battery Type	LiPo 12S	
Energy	Max. 280 Wh	
Net Weight	Max. 1.6kg	
Operating Temperature	Min20°C ; Max. 50°C	
Ideal Storage Temperature	Min. 18°C ; Max. 30°C	
Charging Temperature	Min20°C; Max. 40°C (When the temperature is lower than 5°C, the self-heating function need to automatically enable.)	
Charging Time	Using BS60 Intelligent Battery Station: 220V input: 60 minutes (fully charge two TB60 batteries), 30 minutes (charge two TB60 batteries from 20% to 90%)   110V input: 70 minutes (fully charge two TB60 batteries), 40 minutes (charge two TB60 batteries from 20% to 90%)	

Reference No:	B/SM 30/21	Page 72 of 95
---------------	------------	---------------



	BS60 Intelligent Battery Station				
Dimensions	Min. 50 x 40.4 x 25.2 cm				
Net Weight	Max. 9 kg				
Maximum Capacity	TB60 Intelligent Flight Battery × 8 WB37 Intelligent Battery × 4				
Input	100-120 VAC, 50-60 Hz / 220-240 VAC, 50-60 Hz				
Input Power	Max. 1080W				
Output Power	Min. 90 ; Max120V : 750W Min. 220 ; Max. 240V : 992W				
Operating Temperature	Min20°C ; Max. 40°C				
	Purchase must ind	clude			
<ul> <li>TB60 Intellige</li> <li>Carry Case fo</li> <li>Upward Gimb</li> <li>Dual Gimbal 0</li> <li>Spare Propell</li> </ul>	nt Battery Station for Matrice 300 RTK nt Flight Batteries x4 r Matrice 300 RTK al Connector				
Additional A	Accessories - ITEM D DJI MATRICE 300	RTK (OR EQUIVALENT ON ALL ITEMS)			
GNSS Mobile Station	High Precision GNSS Mobile Station. Must include Tri-Pod and carry bag				
Propellers	Propellers for Matrice 300 RTK (Per Set)				
Mountings	Smart Controller Screen Mounting Bracket				
Displays	Min 5.5" High Brightness Monitor				
Batteries	TB60 Intelligent Flight Batteries				
Lighting	Top & Bottom Auxiliary Light				
Safety	Drone safety parachute deployment device compatible with Matrice 300 RTK models				
Cameras	Zenmuse Z30 Aerial Zoom (includes 3 axis gimbal)  Zenmuse H20T Quad Sensing Camera (includes 3 axis gimbal)				
SIGNATURE:	NA	MF (PRINT):			

SIGNATURE:	NAME (PRINT):	
CAPACITY:	DATE:	
NAME OF FIRM:		

Reference No:	B/SM 30/21	Page 73 of 95
---------------	------------	---------------



# 7. ITEM E - ADDITIONAL ACCESSORIES FOR EXISTING DRONES - PHANTOM 4 ADVANCED AND PRO+ (OBSIDIAN)

The drone models with specifications and additional accessories listed below are based on <u>minimum requirements</u> and must be complied with.

and must be complied with.  Additional Accessories for Existing Drones		Compliance to specification mark in Yes/No		
PHANTOM 4 ADVANCED AND PHANTOM 4 PRO+ (OBSIDIAN)		Yes	No	Please indicate specifications
Batteries	For Phantom 4 Advanced:  Capacity - 5870 mAh  Nominal Voltage - 15.2 V V  Battery Type - LiPo 4S  Weight - 468 g  Charging Temperature - 10°C ~  45°C  Maximum Charging Power - 160 W  For Phantom 4 Pro (Obsidian):  Capacity - 5870 mAh  Nominal Voltage - 15.2 V V  Battery Type - LiPo 4S  Weight - 468 g  Charging Temperature - 10°C ~  45°C			
Propellers	Maximum Charging Power - 160 W  DJI Low-Noise Propellers compatible with drone model (Per Set)  Silicone body protective cover - dust,			
Waterproof Cover	scratch, waterproof, splash.			
Carry Cases	Shoftshell Backpack			
Chargers	Phantom 4 DJI car charger (must be capable to connect with multicharger)  100W Battery Charger for DJI Phantom 4/Pro (Must include AC Cable)  Multi-Charging hub - charges 3 high capacity Phantom 4/Pro batteries at the same time and must be compatible with the Phantom battery type			
Goggles	Minimum Requirement Specifications:  Dual Full HD 1920x1080 5" Screens Head Tracking Control Integrated Touchpad Comfortable and can be used with glasses Micro USB Input MicroSD card Slot HDMI input 3.5mm Headphone Jack			

Reference No: B/SM 30/21	Page 74 of 95
--------------------------	---------------

Phantom 4 Advanced: 4-in-1 filter kit Phantom 4 Pro + RTK 6-in-1 filter kit		
Long Range Extenders compatible with Phantom 4 Advanced (up to 16km range)  Long Range Extenders compatible with Phantom 4 Pro V2 (up to 16km range)  Long Range Extenders compatible with Phantom 4 RTK (up to 16km		
Dual Lume Cube Lights which meets the following minimum requirements:  • Waterproof • 1500 lumens • USB Rechargeable • Can connect wirelessly to any smartphone (iPhone, iPad or Android) for full		
Drone safety parachute deployment device compatible with Phantom 4 models (excludes RTK Model)		
Bait Dropper (Capable of lifting up to 1kg and compatible with Phantom 4 drones)		
Remote Controller Shoulder Strap		
iOS Data Cable		
USB Type-C Data Cable		
USB Micro -B Type		
HDMI Cable		
10,000 mAh power bank		
Heli Pad – 55cm		
Sunhood/Sunshield for 9.7 inch Apple iPad and Phantom 4 Pro controller with built in screen Standard Gimbal Lock for DJI Phantom Drones		
RC Model Pliers		
Phantom 4/Pro Universal Screw Driver Set		
Upper Shell for DJI Phantom 4 Advanced Bottom Shell for DJI Phantom 4 Advanced Landing Gear for DJI Phantom 4		
	Phantom 4 Pro + RTK 6-in-1 filter kit Long Range Extenders compatible with Phantom 4 Advanced (up to 16km range) Long Range Extenders compatible with Phantom 4 Pro V2 (up to 16km range) Long Range Extenders compatible with Phantom 4 RTK (up to 16km range) Long Range Extenders compatible with Phantom 4 RTK (up to 16km range) Dual Lume Cube Lights which meets the following minimum requirements:  • Waterproof • 1500 lumens • USB Rechargeable • Can connect wirelessly to any smartphone (iPhone, iPad or Android) for full control  Drone safety parachute deployment device compatible with Phantom 4 models (excludes RTK Model) Bait Dropper (Capable of lifting up to 1kg and compatible with Phantom 4 drones) Remote Controller Shoulder Strap iOS Data Cable  USB Type-C Data Cable  USB Type-C Data Cable  USB Micro –B Type  HDMI Cable  10,000 mAh power bank  Heli Pad – 55cm  Sunhood/Sunshield for 9.7 inch Apple iPad and Phantom 4 Procontroller with built in screen Standard Gimbal Lock for DJI Phantom Drones  RC Model Pliers  Phantom 4/Pro Universal Screw Driver Set  Upper Shell for DJI Phantom 4 Advanced  Bottom Shell for DJI Phantom 4 Advanced	Phantom 4 Pro + RTK 6-in-1 filter kit  Long Range Extenders compatible with Phantom 4 Advanced (up to 16km range)  Long Range Extenders compatible with Phantom 4 Pro V2 (up to 16km range)  Long Range Extenders compatible with Phantom 4 RTK (up to 16km range)  Long Range Extenders compatible with Phantom 4 RTK (up to 16km range)  Dual Lume Cube Lights which meets the following minimum requirements:  • Waterproof • 1500 lumens • USB Rechargeable • Can connect wirelessly to any smartphone (iPhone, iPad or Android) for full control  Drone safety parachute deployment device compatible with Phantom 4 models (excludes RTK Model)  Bait Dropper (Capable of lifting up to 1kg and compatible with Phantom 4 drones)  Remote Controller Shoulder Strap  iOS Data Cable  USB Type-C Data Cable  USB Micro –B Type  HDMI Cable  10,000 mAh power bank  Heli Pad – 55cm  Sunhood/Sunshield for 9.7 inch Apple iPad and Phantom 4 Pro controller with built in screen  Standard Gimbal Lock for DJI Phantom Drones  RC Model Pliers  Phantom 4/Pro Universal Screw Driver Set  Upper Shell for DJI Phantom 4 Advanced  Bottom Shell for DJI Phantom 4 Advanced  Landing Gear for DJI Phantom 4

Reference No:	B/SM 30/21	Page 75 of 95
---------------	------------	---------------



Upper Shell for DJI Phantom 4 Pro + Obsidian		
Bottom Shell for DJI Phantom 4 Pro + Obsidian		
Landing Gear for DJI Phantom 4 Pro + Obsidian		

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 76 of 95
---------------	------------	---------------



# 8. ITEM F - ADDITIONAL ACCESSORIES FOR EXISTING DRONES - DJI MATRICE 210 RTK

The drone models with specifications and additional accessories listed below are based on minimum requirements and must be complied with.

Additional Accessor	ies for Existing Drones	Compliance to specification mark in Yes/No			
DJI Matrice 210 RTK		Yes	No	Please indicate specifications	
GNSS Mobile Station	D-RTK 2 High Precision GNSS Mobile Station. Must include Tri-Pod and carry bag				
Batteries	TB55. Must be compatible with M200 Series Drone and GNSS Mobile Station				
Lighting	Top & Bottom Auxiliary Light				
Connectors	Upward Gimbal Connector				
Connectors	DJI Dual Gimbal Connector				
Propellers	DJI 1760S quick release propellers (Set)				
Monitor	DJI Crystal Sky 5.5 inch (Minimum)				
Remote Controller	DJI Cendence				
Cameras	Zenmuse XT2 Dual Sensor Thermal Camera (includes 3 axis gimbal)				
	Zenmuse Z30 Aerial Zoom (includes 3 axis gimbal)				
	DJI Intelligent Flight Battery Charging Hub				
Chargers	Car Charger compatible with model battery				
	Intelligent Battery Charging Station compatible with TB55 Intelligent flight batteries				
Safety	Drone safety parachute deployment device compatible with Matrice M200 series models				
Attachable	Bait Dropper (Capable of lifting more than 1kg and compatible with Matrice M200 Series drones)				

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21	Page 77 of 95
--------------------------	---------------



# 9. ITEM G - SOFTWARE AND CRASH PLANS (OR EQUIVALENT)

Please note that any product, activation or subscription keys must be included in the pricing schedule and to be active for 12 months or more from purchase date.

for 12 months or more SOFTWARE AND CR	RASH PLANS (OR EQUIVALENT)	Compli	iance to	specification mark in Yes/No	
		Yes	No	Please indicate specifications	
Software	Flight planning and imagery processing software to remove distortion and stitching of individual photos together to create georeferenced mosaics.  Processed imagery in 2D maps, elevation and 3D modelling. Capable of handling large 300+ photos (datasets). Cloud bases software with ability to send view-only links to datasets, do map comparisons; process Radiometric Thermal imaging; Count Al; local projection systems; ground control points				
	A minimum 12-month, unlimited claim crash plan to cover all drones in the event of a fatal crash or to cover the loss of a damaged or lost drone (fly-away):				
	a) PowerEgg X Wizard				
	b) Mavic 2 Enterprise Dual				
Crash Plans	c) Phantom 4 Pro+ V2				
	d) Matrice 300 RTK				
	e) DJI Phantom 4 Advanced				
	f) DJI Phantom 4 Pro+ (Obsidian)				
	g) DJI Matrice 210 RTK				

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21 Page 78 or
-------------------------------------



# 18. SCHEDULE OF PLANT AND EQUIPMENT

The following are lists of major items of relevant equipment that I/we **presently** own or lease and will have available for this contract or will acquire or hire for this contract if my / our tender is accepted.

DETAILS OF MAJOR EQUIPMENT THAT IS OWNED BY AND IMMEDIATELY AVAILABLE FOR THIS CONTRACT.			
QUANTITY	DESCRIPTION	SIZE	CAPACITY

Attach additional pages if mores space is required.

DETAIL OF MAJOR EQUIPMENT THAT WILL BE HIRED, ORE ACQUIRED FOR THIS CONTRACT IF MY / OUR TENDER IS ACCEPTED.			
QUANTITY	DESCRIPTION,	SIZE	CAPACITY

Attach additional pages if mores space is required.

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)				
SIGNATURE		NAME (PRINT)		
CAPACITY		DATE		
NAME OF FIRM				

Reference No: B/SM 30/21	Page 79 of 95
--------------------------	---------------



# 19. SCHEDULE OF SUBCONTRACTORS

I/we the tenderer, notify the Stellenbosch Municipality that it is our intention to employ the following Subcontractors for work in this contract.

SUBCONTRACTORS							
Category / Type	Subcontra	ctor Name; Address; Contact Person; Tel. No.	Items of work (pay items) to be undertaken by the Subcontractor	Estimated cost of Work (Rand)			
	Name of firm						
4	Contact person						
1.	Tel No						
	Address						
	Name of firm						
0	Contact person						
2.	Tel No						
	Address						
	Name of firm						
	Contact person						
3.	Tel No						
	Address						
	Name of firm						
	Contact person						
4.	Tel No						
	Address						
	Name of firm						
5.	Contact person						
	Tel No						
	Address						

Acceptance of this tender shall not be construed as approval of all or any of the listed subcontractors. Should any of the subcontractors not be approved subsequent to acceptance of the tender, this shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed above being approved by the Engineer.

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 80 of 95
---------------	------------	---------------

# 20. SCHEDULE OF WORK EXPERIENCE OF THE TENDERER - CURRENT CONTRACTS

CURRENT CONTRACTS							
EMPLOYER (Name, Tel, Fax, Email)	(N	Contact Person ame, Tel, Fax, Email)	NATURE OF WORK		DATE COMPLETED		
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						

Attach additional pages if mores space is required.

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)							
SIGNATURE		NAME (PRINT)					
CAPACITY		DATE					
NAME OF FIRM							

Reference No: B/SM 30/21 Page 81 c
------------------------------------



# 21. SCHEDULE OF WORK EXPERIENCE OF THE TENDERER - COMPLETED CONTRACTS

The following is a statement of similar work successfully executed by myself / ourselves:

COMPLETED CONTRACTS							
		Contact Person lame, Tel, Fax, Email)	NATURE OF WORK	VALUE OF WORK (INCL. VAT)	DATE COMPLETED		
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						
Name	Name						
Tel	Tel						
Fax	Fax						
Email	Email						

Attach additional pages if mores space is required.

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)							
SIGNATURE		NAME (PRINT)					
CAPACITY		DATE					
NAME OF FIRM							

Reference No: B/SM 30/21	Page 82 of 95
--------------------------	---------------



#### 22. PRICING SCHEDULE

#### NOTE:

- 1. Only firm prices will be accepted. Non-firm prices will not be considered.
- 2. All delivery costs MUST be included in the bid price, for delivery at the prescribed destination.
- 3. Document MUST be completed in non-erasable black ink.
- 4. NO correction fluid/tape may be used.
  - a. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.
- 5. The Bidder MUST indicate whether he/she/the entity is a registered VAT Vendor or not.

а

I / We
(full name of Bidder) the undersigned in my capacity as
of the firm
hereby offer to Stellenbosch Municipality to render the services as described, in accordance with the specification
and conditions of contract to the entire satisfaction of the Stellenbosch Municipality and subject to the conditions
of tender, for the amounts indicated hereunder:

	INDICATE WITH AN 'X'							
Are you/is the firm a registered VAT Vendor	YES NO		NO					
If "YES", please provide VAT number								

# Please note the following:

- 1. Stellenbosch Municipality reserves the right to downward adjust the scope of work/ quantity required to stay within its budget.
- 2. Only firm prices will be accepted and non-firm prices will not be considered.

# PRICING SCHEDULE – FIRM PRICES (PURCHASES)

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 83 of 95
	•	



Tenders will be evaluated on total price per category.

Bidders may make offers on all categories or on a selected category and must provide offers on all items in the respective category. Items A - G will be purchased as and when needed (rates to be used). Bidders will be deemed non- responsive if offers are not provided on all items in a selected category.

The Municipality reserves the right to accept portions of the Bid and are not obligated to accept the whole bid. The Bid may be awarded to one or more than one Bidder and the award will be until 30 June 2023. The validity period of the tender will be 180 days.

The Municipality reserves the right to check that all prices are market related and they have the right to disqualify bidders where they do not have market related prices.

Successful bidder must transport and deliver all goods, total should include transport and delivery of goods ordered.

**Please note:** All prices provided shall be fixed for the duration of each financial year of the contract. However, prices of year 2 and year 3 shall be based on CPI

#### **Duration of financial years:**

Year 1: 01 July 2020 – 30 June 2021 Year2: 01 July 2021 – 30 June 2022 Year 3: 01 July 2022 – 30 June 2023

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 84 of 95



# 3. ITEM A – DRONE - POWEREGG X WIZARD (OR EQUIVALENT)

Item No	Description	Qty.	Unit Price for year 1 (Incl. VAT)
3.1	POWEREGG X WIZARD (OR EQUIVALENT) AS PER SPECIFICATIONS	1	
Grand Total (Incl. VAT)			

# 3.2. ITEM A1 - ADDITIONAL ACCESSORIES - POWEREGG X WIZARD (OR EQUIVALENT)

Item No	Description (As per specification)	Qty.	Unit Price for 1 year (Incl. VAT)	
3.2.1	Battery	1		
3.2.2	Car Charger	1		
3.2.3	Battery Charger including AC Cable	1		
3.2.4	Battery Charging Hub	1		
3.2.5	Low-noise propellers (Per Set)	1		
3.2.6	Waterproof casing	1		
3.2.7	Foldable attachable propeller arms	1		
3.2.8	OWC 5-piece mini tool kit	1		
	Grand Total (Incl. VAT)			

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21 Page 85 of 95
--



# 4. ITEM B -DRONE - MAVIC 2 ENTERPRISE DUAL (OR EQUIVALENT)

Item No	Description		Qty.	Unit Price for 1 year (Incl. VAT)
4.1	MAVIC 2 ENTERPRISE DUAL EQUIVALENT) AS PER SPECIFICATIONS	(OR	1	
	Grand Total (Incl. VA)			

# **4.2.ITEM B1 – ADDITIONAL ACCESSORIES -** MAVIC 2 ENTERPRISE DUAL (OR EQUIVALENT)

Item No	Description (As per specification)	Qty.	Unit Price for 1 year (Incl. VAT)
4.2.1	Battery	1	
4.2.2	Car charger for Mavic 2 Pro/Zoom/Enterprise	1	
4.2.3	Battery charger including AC Cable for Mavic 2 Pro/Zoom/Enterprise	1	
4.2.4	Battery charging hub for Mavic 2 Pro/Zoom/Enterprise	1	
4.2.5	Low-noise propellers for Mavic 2 Pro/Zoom/Enterprise (Per Set)	1	
4.2.6	Spare landing gears for Mavic 2 Pro/Zoom/Enterprise	1	
4.2.7	Landing gear extensions for Mavic 2 Enterprise	1	
4.2.8	Mavic 2 Enterprise Beacon	1	
4.2.9	Mavic 2 Enterprise Speaker	1	
4.2.10	Mavic 2 Enterprise Spotlight	1	
	Grand Total (Incl.	VAT)	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 86 of 95



5. ITEM C - DRONE - PHANTOM 4 PRO+ V2 (OR EQUIVALENT)

Item No	Description	Qty.	Unit Price for 1 year (Incl. VAT)
5.1	PHANTOM 4 PRO V2 (OR EQUIVALENT) AS PER SPECIFICATIONS	1	
Grand Total (Incl. VAT			

# **5.2 ITEM C1 – ADDITIONAL ACCESSORIES -** DJI PHANTOM 4 PRO+ V2 (OR EQUIVALENT)

Item No	Description (As per specification)	Qty.	Unit Price for 1 year (Incl. VAT)
5.2.1	High capacity intelligent flight battery for Phantom 4 Pro/Pro+	1	
5.2.2	Low-noise propellers set for Phantom 4 Pro V2 (Per Set)	1	
5.2.3	Phantom 4 12V car charger	1	
5.2.4	100W battery charger for Phantom 4/Pro (must include AC Cable)	1	
5.2.5	Multi-charger hub compatible with drone battery charger and car charger	1	
5.2.6	6-in-1 Filter kit	1	
5.2.7	Dual lume cube lights for Phantom 4 Pro with minimum requirements	1	
5.2.8	Drone safety parachute compatible with Phantom 4 Pro	1	
5.2.9	Bait dropper	1	
5.2.10	Gimbal lock for Phantom 4 Pro	1	
	Grand Total (Incl.	VAT)	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 87 of 95



# 6. ITEM D - DRONE - MATRICE 300 RTK (OR EQUIVALENT)

Item No	Description	Qty.	Unit Price for 1 year (Incl. VAT)
6.1	MATRICE 300 RTK (OR EQUIVALENT) - AS PER SPECIFICATIONS	1	
	Grand Total (Incl.	VAT)	

# 6.2. ITEM D1 - ADDITIONAL ACCESSORIES - MATRICE 300 RTK (OR EQUIVALENT)

Item No	Description (As per specification)	Qty.	Unit Price for 1 year (Incl. VAT)
6.2.1	Propellers for Matrice 300 RTK (Per Set)	1	
6.2.2	Smart Controller screen mounting bracket	1	
6.2.3	5.5" brightness monitor	1	
6.2.4	TB60 intelligent flight battery	1	
6.2.5	Top & Bottom Auxiliary Light	1	
6.2.6	Drone safety parachute deployment device compatible with Matrice 300 RTK	1	
6.2.7	Zenmuse Z30 Aerial Zoom (includes 3 axis gimbal)	1	
6.2.8	6.2.8 Zenmuse H20T Quad Sensing Camera (includes 3 axis gimbal)		
	Grand Total (Incl	. VAT)	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21 Page 88 of
-------------------------------------



# 7. ITEM E – ADDITIONAL ACCESSORIES FOR EXISTING DRONES – DJI PHANTOM 4 DRONES

Item No	Description	Qty.	Unit Price for 1 year (Incl. VAT)
7.1	For Phantom 4 Advanced:  Capacity - 5870 mAh  Nominal Voltage - 15.2 V V  Battery Type - LiPo 4S  Weight - 468 g  Charging Temperature - 10°C ~ 45°C  Maximum Charging Power - 160 W	1	
7.2	For Phantom 4 Pro (Obsidian): Capacity - 5870 mAh Nominal Voltage - 15.2 V V Battery Type - LiPo 4S Weight - 468 g Charging Temperature - 10°C ~ 45°C Maximum Charging Power - 160 W	1	
7.3	DJI Low-Noise Propellers compatible with DJI Phantom 4/Pro (Per Set)	1	
7.4	Silicone body protective cover - dust, scratch, waterproof, splash.	1	
7.5	Shoftshell Backpack	1	
7.6	DJI Phantom 4 car charger (must be capable to connect with multi-charger)	1	
7.7	100W Battery Charger for Phantom 4/Pro (Must include AC Cable)	1	
7.8	Multi-Charging hub - charges 3 high capacity DJI Phantom 4/Pro batteries at the same time and must be compatible with the Phantom battery type	1	
7.9	DJI Goggles	1	
7.10	4-in-1 filter kit (DJI Phantom 4)	1	
7.11	6-in-1 filter kit (DJI Phantom 4 Pro)	1	
7.12	Long Range Extenders compatible with DJI Phantom 4 Advanced (Maximum 16km range)	1	
7.13	Long Range Extenders compatible with DJI Phantom 4 Pro V2 (Maximum 16km range)	1	
7.14	Long Range Extenders compatible with Phantom 4 Pro Obsidian(up to 16km range)	1	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21	Page 89 of 95
Reference No: B/SM 30/21	Page 89 of 95

Item No	Description	Qty.	Unit Price for 1 year (Incl. VAT)
7.15	Dual Lume Cube Lights which meets the following minimum requirements:  • Waterproof • Minimum 1500 lumens • USB Rechargeable • Can connect wirelessly to any smartphone (iPhone, iPad or	1	
7.16	Android) for full control  Drone safety parachute deployment device compatible with DJI Phantom 4 models (excludes RTK Model)	1	
7.17	Bait Dropper (Capable of lifting up to 1kg and compatible with DJI Phantom 4/Prodrones)	1	
7.18	Remote Controller Shoulder Strap	1	
7.19	iOS Data Cable	1	
7.20	USB Type-C Data Cable	1	
7.21	USB Micro -B Type	1	
7.22	HDMI Cable	1	
7.23	10,000 mAh power bank	1	
7.24	Heli Pad – 55cm	1	
7.25	Sunhood/Sunshield for 9.7 inch Apple iPad and DJI Phantom 4 Pro controller with built in screen	1	
7.26	Standard Gimbal Lock for DJI Phantom Drones	1	
7.27	RC Model Pliers	1	
7.28	DJI Phantom 4/Pro Universal Screw Driver Set	1	
7.29	Upper Shell for DJI Phantom 4 Advanced	1	
7.30	Bottom Shell for DJI Phantom 4 Advanced	1	
7.31	Landing Gear for DJI Phantom 4 Advanced	1	
7.32	Upper Shell for DJI Phantom 4 Pro + Obsidian	1	
7.33	Bottom Shell for DJI Phantom 4 Pro + Obsidian	1	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21 Page 90 c
------------------------------------



Item No	Description	Qty.	Unit Price for 1 year (Incl. VAT)
7.34	Landing Gear for DJI Phantom 4 Pro + Obsidian	1	
	Grand Total (Inc	I. VAT	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 91 of 95



# 8. ITEM F - ADDITIONAL ACCESSORIES FOR EXISTING DRONES -DJI MATRICE 210 RTK

Item No	Description	Qty.	Unit Price for 1 year (Incl. VAT)
8.1	D-RTK 2 High Precision GNSS Mobile Station.  Must include Tri-Pod and carry bag		
8.2	TB55. Must be compatible with M200 Series Drone and GNSS Mobile Station	1	
8.3	Upward Gimbal Connector	1	
8.4	DJI Dual Gimbal Connector		
8.5	DJI 1760S quick release propellers (Per Set)	1	
8.6	DJI Crystal Sky 5.5 inch (Minimum)	1	
8.7	DJI Cendence	1	
8.8	Zenmuse XT2 Dual Sensor Thermal Camera (includes 3 axis gimbal)		
8.9	Zenmuse Z30 Aerial Zoom (includes 3 axis gimbal)	1	
8.10	Zenmuse XT2 Dual Sensor Thermal Camera (includes 3 axis gimbal)	1	
8.11	DJI Intelligent Flight Battery Charging Hub	1	
8.12	Car Charger compatible with model battery	1	
8.13	Drone safety parachute deployment device compatible with Matrice M200 series models		
8.14	8.14 Bait Dropper (Capable of lifting more than 1kg and compatible with Matrice M200 Series drones)		
Intelligent Battery Charging Station 8.15 compatible with TB55 Intelligent flight batteries			
	Grand Total (Incl.	VAT)	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21	Page 92 of 95
--------------------------	---------------



# 9. ITEM G - SOFTWARE & CRASH PLANS

Please note that any product, activation or subscription keys must be included in the pricing schedule and to be active for 12 months or more from purchase date.

Item No	Description		Qty.	Unit Price (Incl. VAT)
9.1	Software	Flight planning and imagery processing software to remove distortion and stitching of individual photos together to create georeferenced mosaics. Processed imagery in 2D maps, elevation and 3D modelling. Capable of handling large 300+photos (datasets). Cloud bases software with ability to send view-only links to datasets, do map comparisons; process Radiometric Thermal imaging; Count Al; local projection systems; ground control points	1	
	Grand Total (Incl. VAT			

9.2		A 12-month or more, unlimited crash plan to cover all drones i event of a fatal crash or to cove loss of a damaged or lost drone away).	n the er the	Unit Price for 1 year (Incl. VAT)
		a) PowerEgg X Wizard	1	
9.3		b) Mavic 2 Enterprise Dual	1	
9.4	Crash Plans	c) Phantom 4 Pro+ V2	1	
9.5		d) Matrice 300 RTK	1	
9.6		e) DJI Phantom 4 Advanced	1	
9.7		f) DJI Phantom 4 Pro+ (Obsidian)	1	
9.8		g) DJI Matrice 210 RTK	1	
	Grand Total (Incl. VAT)			

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No:	B/SM 30/21	Page 93 of 95



# PRICING SCHEDULE - SUMMARY

**Please note:** All prices provided shall be fixed for the duration of each financial year of the contract. However, prices of year 2 and year 3 shall be based on CPI and the items indicated which are linked to current rate of exchange of the respective year. Bidders should indicate the items that are linked to exchange rate.

Item	Description	Total Unit Price for 1 year (Incl. VAT)
Α	Drone – PowerEgg X Wizard (Or Equivalent)	
A1	Additional Accessories – PowerEgg X Wizard (Or Equivalent)	
В	Drone – Mavic 2 Enterprise Dual (Or Equivalent)	
B1	Additional Accessories – Mavic 2 Enterprise Dual (Or Equivalent)	
С	Drone – Phantom 4 Pro + V2 (Or Equivalent)	
C1	Additional Accessories – Phantom 4 Pro+ V2 (Or Equivalent)	
D	Drone – Matrice 300 RTK (Or Equivalent)	
D1	Additional Accessories – Matrice 300 RTK (Or Equivalent)	
Е	Additional Accessories For Existing Drones – DJI Phantom 4/Pro	
F	Additional Accessories for DJI Matrice 210 RTK	
G	Software & Crash Plans	
	GRAND TOTAL (Incl. VAT)	

SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

Reference No: B/SM 30/21 Page 94 of 9
---------------------------------------

# 23. DECLARATION BY TENDERER

I / We acknowledge that I / we am / are fully acquainted with the contents of the conditions of tender of this tender document and that I / we accept the conditions in all respects.					
I / We agree that the laws of the Republic of South Africa shall be applicable to the contract resulting from the acceptance of *my / our tender and that I / we elect <i>domicillium citandi</i> et executandi (physical address at which legal proceedings may be instituted) in the Republic at:					
I / We accept full responsibility for the proper execution and fulfillment of all obligations and conditions devolving in me / us under this agreement as the principal liable for the due fulfillment of this contract.					
I / We furthermore confirm I / we satisfied myself / ourselves as to the corrections and validity of my / our tender; that the price quoted cover all the work / items specified in the tender documents and that the price(s) cover all my / our obligations under a resulting contract and that I / we accept that any mistake(s) regarding price and calculations will be at my / our risk.					
I / We furthermore confirm that my / our offer remains binding upon me / us and open for acceptance by the Purchases / Employer during the validity period indicated and calculated from the closing date of the bid.					
SIGNATURE		NAME (PRINT)			
CAPACITY		DATE			
NAME OF FIRM					
WITNESS 1		WITNESS 2			

Reference No:	B/SM 30/21	Page 95 of 95
---------------	------------	---------------



Private Bag X84, PRETORIA, 0001, **the dti** Campus, 77 Meintjies Street, Sunnyside, 0002, Tel: (012) 394 0000 **the dti** Customer Contact Centre local: 0861 843 384 International: +27 12 394 9500, www.thedti.gov.za

#### **Guidance Document for the Calculation of Local Content**

#### 1. **DEFINITIONS**

Unless explicitly provided in this guideline, the definitions given in SATS 1286:2011 apply.

#### 2. GENERAL

# 2.1. Introduction

This guideline provides tenderers with a detailed description of how to calculate local content of products (goods, services and works) by components/material/services and enables them to keep an updated record for verification requirements as per the SATS 1286:2011 Annexure A and B.

The guideline consists of two parts, namely:

- a written guideline; and
- three declarations that must be completed:
  - Declaration C: "Local Content Declaration Summary Schedule" (see Annexure C);
  - Declaration D: "Imported Content Declaration Supporting Schedule to Annex C" (see Annexure D); and
  - Declaration E: "Local Content Declaration Supporting Schedule to Annex C" (see Annexure E).

The guidelines and declarations should be used by tenderers when preparing a tender. A tenderer must complete Declarations D and E, and consolidate the information on Declaration C.

Annexure C must be submitted with the tender by the closing date and time as determined by the Tender Authority. The Tender Authority reserves the right to request that Declarations D and E also be submitted.

If the tender is successful, the tenderer must continuously update Declarations C, D and E with actual values for the duration of the contract.

#### NOTE:

Annexure A is a note to the purchaser in SATS 1286:2011; and Annexure B is the Local Content Declaration IN SATS 1286:2011.

#### 2.2. What is local content?

According to SATS 1286:2011, the local content of a product is the tender price less the value of imported content, expressed as a percentage. It is, therefore, necessary to first compute the imported value of a product to determine the local content of a product.

# 2.3. Categories: Imported and Local Content

The tenderer must differentiate between imported content and local content.

Imported content of a product by components/material/services is separated into two categories, namely:

- products imported directly by the tenderer; and
- products imported by a third party and supplied to the tenderer.

# 2.3.1. Imported Content

Identify the imported content, if any, by value for products by component/material/services. In the case of components/materials/services sourced from a South African manufacturer, agent, supplier or subcontractor (i.e. third party), obtain that information and Declaration D from the third party.

Calculate the imported content of components/materials/services to be used in the manufacture of the total quantity of the products for which the tender is to be submitted.

As stated in clause 3.2.4 of SATS 1286:2011: "If information on the origin of components, parts or materials is not available, it will be deemed to be imported content."

#### 2.3.1.1. Imported directly by the tenderer:

When the tenderer import products directly, the onus is on the tenderer to provide evidence of any components/materials/services that were procured from a non-domestic source. The evidence should be verifiable and pertain to the tender as a whole. Typical evidence will include commercial invoices, bills of entry, etc.

When the tenderer procures imported services such as project management, design, testing, marketing, etc and makes royalty and lease payments, such payments relating to the tender must be included when calculating imported content.

#### 2.3.1.2. Imported by a third party and supplied to the tenderer:

When the tenderer supplies components/material/services that are imported by any third party (for example, a domestic manufacturer, agent, supplier or subcontractor in the supply chain), the onus is on the tenderer to obtain verifiable evidence from the third party.

The tenderer must obtain Declaration D from all third parties for the related tender. The third party must be requested by the tenderer to continuously update Declaration D. Typical evidence of imported content will include commercial invoices, bills of entry etc.

When a third party procures imported services such as project management, design, testing, marketing etc. and makes royalty and lease payments, such payments relating to the tender must be included when calculating imported content.

# 2.3.1.3. Exempt Imported Content:

Exemptions, if any, are granted by the Department of Trade and Industry (the dti). Evidence of the exemptions must be provided and included in Annexure D.

# 2.3.2. Local Content

Identify and calculate the local content, by value for products by components/materials/services to be used in the manufacture of the total quantity of the products.

#### 3. ANNEXURE C

# 3.1. Guidelines for completing Annexure C: Local Content Declaration – Summary Schedule

Note: The paragraph numbers correspond to the numbers in Annexure C.

#### C1. Tender Number

Supply the tender number that is specified on the specific tender documentation.

#### C2. Tender description

Supply the tender description that is specified on the specific tender documentation.

# C3. Designated products

Supply the details of the products that are designated in terms of this tender (i.e. buses).

# C4. Tender Authority

Supply the name of the tender authority.

# C5. Tendering Entity name

Provide the tendering entity name (for example, Unibody Bus Builders (Pty) Ltd).

#### **C6.** Tender Exchange Rate

Provide the exchange rate used for this tender, as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

# C7. Specified local content %

Provide the specified minimum local content requirement for the tender (i.e. 80%), as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MDB) 6.2.

#### C8. Tender item number

Provide the tender item number(s) of the products that have a local content requirement as per the tender specification.

#### C9. List of items

Provide a list of the item(s) corresponding with the tender item number.

This may be a short description or a brand name.

# **Calculation of local content**

#### C10. Tender price

Provide the unit tender price of each item excluding VAT.

#### C11. Exempted imported content

Provide the ZAR value of the exempted imported content for each item, if applicable. These value(s) must correspond with the value(s) of column D16 on Annexure D.

#### C12. Tender value net of exempted imported content

Provide the net tender value of the item, if applicable, by deducting the exempted imported content (C11) from the tender price (C10).

# C13. Imported value

Provide the ZAR value of the items' imported content.

#### C14. Local value

Provide the local value of the item by deducting the Imported value (C13) from the net tender value (C12).

#### C15. Local content percentage (per item)

Provide the local content percentage of the item(s) by dividing the local value (C14) by the net tender value (C12) as per the local content formula in SATS 1286.

# **Tender Summary**

#### C16. Tender quantity

Provide the tender quantity for each item number as per the tender specification.

#### C17. Total tender value

Provide the total tender value by multiplying the tender quantity (C16) by the tender price (C10).

#### C18. Total exempted imported content

Provide the total exempted imported content by multiplying the tender quantity (C16) by the exempted imported content (C11). These values must correspond with the values of column D18 on Annexure D.

# C19. Total imported content

Provide the total imported content of each item by multiplying the tender quantity (C16) by the imported value (C13).

#### C20. Total tender value

Total tender value is the sum of the values in column C17.

#### C21. Total exempted imported content

Total exempted imported content is the sum of the values in column C18. This value must correspond with the value of D19 on Annexure D.

# C22. Total tender value net of exempted imported content

The total tender value net of exempt imported content is the total tender value (C20) less the total exempted imported content (C21).

# C23. Total imported content

Total imported content is the sum of the values in column C19. This value must correspond with the value of D53 on Annexure D.

#### C24. Total local content

Total local content is the total tender value net of exempted imported content (C22) less the total imported content (C23). This value must correspond with the value of E13 on Annexure E.

#### C25. Average local content percentage of tender

The average local content percentage of tender is calculated by dividing total local content (C24) by the total tender value net of exempted imported content (C22).

#### 4. ANNEXURE D

# 4.1. Guidelines for completing Annexure D: "Imported Content Declaration – Supporting Schedule to Annexure C"

Note: The paragraph numbers correspond to the numbers in Annexure D.

#### D1. Tender number

Supply the tender number that is specified on the specific tender documentation.

# D2. Tender description

Supply the tender description that is specified on the specific tender documentation.

# D3. Designated products

Supply the details of the products that are designated in terms of this tender (i.e. buses).

# D4. Tender authority

Supply the name of the tender authority.

# D5. Tendering entity name

Provide the tendering entity name (i.e. Unibody Bus Builders (Pty) Ltd).

# D6. Tender exchange rate

Provide the exchange rate used for this tender, as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

#### **Table A. Exempted Imported Content**

#### D7. Tender item number

Provide the tender item number(s) of the product(s) that have imported content.

#### D8. Description of imported content

Provide a list of the exempted imported product(s), if any, as specified in the tender.

# D9. Local supplier

Provide the name of the local supplier(s) supplying the imported product(s).

# D10. Overseas supplier

Provide the name(s) of the overseas supplier(s) supplying the exempted imported product(s).

#### D11. Imported value as per commercial invoice

Provide the foreign currency value of the exempted imported product(s) disclosed in the commercial invoice accepted by the South African Revenue Service (SARS).

#### D12. Tender exchange rate

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

#### D13. Local value of imports

Convert the value of the exempted imported content as per commercial invoice (D11) into the ZAR value by using the tender exchange rate (D12) disclosed in the tender documentation.

# D14. Freight costs to port of entry

Provide the freight costs to the South African Port of the exempted imported item.

#### D15. All locally incurred landing costs and duties

Provide all landing costs including customs and excise duty for the exempted imported product(s) as stipulated in the SATS 1286:2011.

#### D16. Total landed costs excl VAT

Provide the total landed costs (excluding VAT) for each item imported by adding the corresponding item values in columns D13, D14 and D15. These values must be transferred to column C11 on Annexure C.

# D17. Tender quantity

Provide the tender quantity of the exempted imported products as per the tender specification.

#### D18. Exempted imported value

Provide the imported value for each of the exempted imported product(s) by multiplying the total landed cost (excl. VAT) (D16) by the

tender quantity (D17). The values in column D18 must correspond with the values of column C18 of Annexure C.

#### D19. Total exempted imported value

The total exempted imported value is the sum of the values in column D18. This total must correspond with the value of C21 on Annexure C.

# Table B. Imported Directly By Tenderer

#### D20. Tender item numbers

Provide the tender item number(s) of the product(s) that have imported content.

# D21. Description of imported content:

Provide a list of the product(s) imported directly by tender as specified in the tender documentation.

#### D22. Unit of measure

Provide the unit of measure for the product(s) imported directly by the tenderer.

#### D23. Overseas supplier

Provide the name(s) of the overseas supplier(s) supplying the imported product(s).

#### D24. Imported value as per commercial Invoice

Provide the foreign currency value of the product(s) imported directly by tenderer disclosed in the commercial invoice accepted by the South African Revenue Service (SARS).

#### D25. Tender rate of exchange

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

# D26. Local value of imports

Convert the value of the product(s) imported directly by the tenderer as per commercial invoice (D24) into the ZAR value by using the tender exchange rate (D25) disclosed in the tender documentation.

# D27. Freight costs to port of entry

Provide the freight costs to the South African Port of the product(s) imported directly by the tenderer.

#### D28. All locally incurred landing costs and duties

Provide all landing costs including customs and excise duty for the product(s) imported directly by the tenderer as stipulated in the SATS 1286:2011.

#### D29. Total landed costs excl VAT

Provide the total landed costs (excluding VAT) for each item imported directly by the tenderer by adding the corresponding item values in columns D26, D27 and D28.

# D30. Tender quantity

Provide the tender quantity of the product(s) imported directly by the tenderer as per the tender specification.

# D31. Total imported value

Provide the total imported value for each of the product(s) imported directly by the tenderer by multiplying the total landed cost (excl. VAT) (D29) by the tender quantity (D30).

#### D32. Total imported value by tenderer

The total value of imports by the tenderer is the sum of the values in column D31.

#### Table C. Imported by Third Party and Supplied to the Tenderer

#### D33. Description of imported content

Provide a list of the product(s) imported by the third party and supplied to the tenderer as specified in the tender documentation.

#### D34. Unit of measure

Provide the unit of measure for the product(s) imported by the third party and supplied to tenderer as disclosed in the commercial invoice.

# D35. Local supplier

Provide the name of the local supplier(s) supplying the imported product(s).

#### D36. Overseas supplier

Provide the name(s) of the overseas supplier(s) supplying the imported products.

#### D37. Imported value as per commercial invoice

Provide the foreign currency value of the product(s) imported by the third party and supplied to the tenderer disclosed in the commercial invoice accepted by SARS.

# D38. Tender rate of exchange

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

#### D39. Local value of imports

Convert the value of the product(s) imported by the third party as per commercial invoice (D37) into the ZAR value by using the tender exchange rate (D38) disclosed in the tender documentation.

# D40. Freight costs to port of entry

Provide the freight costs to the South African Port of the product(s) imported by third party and supplied to the tenderer.

# D41. All locally incurred landing costs and duties

Provide all landing costs including customs and excise duty for the product(s) imported by third party and supplied to the tenderer as stipulated in the SATS 1286:2011.

#### D42. Total landed costs excluding VAT

Provide the total landed costs (excluding VAT) for each product imported by third party and supplied to the tenderer by adding the corresponding item values in columns D39, D40 and D41.

#### D43. Quantity imported

Provide the quantity of each product(s) imported by third party and supplied to the tenderer for the tender.

# D44. Total imported value

Provide the total imported value of the product(s) imported by third party and supplied to the tenderer by multiplying the total landed cost (D42) by the quantity imported (D43).

# D45. Total imported value by third party

The total imported value from the third party is the sum of the values in column D44.

# **Table D. Other Foreign Currency Payments**

#### D46. Type of payment

Provide the type of foreign currency payment. (i.e. royalty payment for use of patent, annual licence fee, etc).

# D47. Local supplier making the payment

Provide the name of the local supplier making the payment.

#### D48. Overseas beneficiary

Provide the name of the overseas beneficiary.

# D49. Foreign currency value paid

Provide the value of the listed payment(s) in their foreign currency.

# D50. Tender rate of exchange

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

#### D51. Local value of payments

Provide the local value of each payment by multiplying the foreign currency value paid (D49) by the tender rate of exchange (D50).

# D52. Total of foreign currency payments declared by tenderer and/or third party

The total of foreign currency payments declared by tenderer and/or a third party is the sum of the values in column D51.

#### D53. Total of imported content and foreign currency payment

The total imported content and foreign currency payment is the sum of the values in column D32, D45 and D52. This value must correspond with the value of C23 on Annexure C.

#### 5. ANNEXURE E

# 5.1. Guidelines to completing Annexure E: "Local Content Declaration-Supporting Schedule to Annexure C"

The paragraph numbers correspond to the numbers in Annexure E

#### E1. Tender number

Supply the tender number that is specified on the specific tender documentation.

# **E2.** Tender description

Supply the tender description that is specified on the specific tender documentation.

# E3. Designated products

Supply the details of the products that are designated in terms of this tender (for example, buses/canned vegetables).

# **E4.** Tender authority

Supply the name of the tender authority.

# E5. Tendering entity name

Provide the tendering entity name (for example, Unibody Bus Builders (Pty) Ltd) Ltd).

# **Local Goods, Services and Works**

# E6. Description of items purchased

Provide a description of the items purchased locally in the space provided.

# E7. Local supplier

Provide the name of the local supplier that corresponds to the item listed in column E6.

# E8. Value

Provide the total value of the item purchased in column E6.

# E9. Total local products (Goods, Services and Works)

Total local products (goods, services and works) is the sum of the values in E8.

# E10. Manpower costs:

Provide the total of all the labour costs accruing only to the tenderer (i.e. not the suppliers to tenderer).

# E11. Factory overheads:

Provide the total of all the factory overheads including rental, depreciation and amortisation for local and imported capital goods, utility costs and consumables. (Consumables are goods used by individuals and businesses that must be replaced regularly because they wear out or are used up. Consumables can also be defined as the components of an end product that are used up or permanently altered in the process of manufacturing, such as basic chemicals.)

#### E12. Administration overheads and mark-up:

Provide the total of all the administration overheads, including marketing, insurance, financing, interest and mark-up costs.

# E13. Total local content:

The total local content is the sum of the values of E9, E10, E11 and E12. This total must correspond with C24 of Annexure C.