

TERMS OF REFERENCE TO REQUEST FOR BIDS FROM SERVICE PROVIDERS FOR BID NO OCJ2021/09: TO PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS TO THE OFFICE OF THE CHIEF JUSTICE (OCJ)

SBD 3.1

PRICING SCHEDULE – FIRM PRICES (PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder.....	Bid number OCJ2021/09.....
Closing Time 11:00	Closing date 28 June 2021.....

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

DESCRIPTION	BID PRICE IN RSA CURRENCY (ALL APPLICABLE TAXES INCLUDED)
PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS TO THE OFFICE OF THE CHIEF JUSTICE (OCJ) AS PER TERMS OF REFERENCE	
Grand Total	R

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

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*Delivery: Firm/not firm

- Delivery basis

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

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

*Delete if not applicable

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

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

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF 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).

1.2

- a) The value of this bid is estimated to ~~exceed~~/not exceed R50 000 000 (all applicable taxes included) and therefore the preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

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

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

	POINTS
PRICE	
B-BBEE STATUS LEVEL OF CONTRIBUTOR	
Total points for Price and B-BBEE must not exceed	100

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

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

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“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;
- (c) **“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;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“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;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“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;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

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

80/20 or 90/10

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

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

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- 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

5. BID DECLARATION

- 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 CONTRIBUTOR 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 relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

- 7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
-----	--	----	--

- 7.1.1 If yes, indicate:

- What percentage of the contract will be subcontracted.....%
- The name of the sub-contractor.....
- The B-BBEE status level of the sub-contractor.....
- Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES		NO	
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- Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

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Designated Group: An EME or QSE which is at least 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		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of
company/firm:

8.2 VAT registration
number:

8.3 Company registration
number:

8.4 TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium

One person business/sole propriety

Close corporation

Company

(Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

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

8.6 COMPANY CLASSIFICATION

Manufacturer

Supplier

Professional service provider

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

[TICK APPLICABLE BOX]

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8.7 Total number of years the company/firm has been in business:.....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 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;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

WITNESSES

1.

2.

SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

.....

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38 PRICING SCHEDULE

38.1 Bidders are required to provide prices for all equipment including VAT;

38.2 Bidders must provide firm prices, not subject to rate of exchange;

38.3 Pricing must be itemised;

38.4 Pricing should be allocated as follows:

PRICING SCHEDULE			
No.	Item Description	Price (excl. VAT)	Price (incl. VAT)
1.	Hardware (VAT Inclusive)	R	R
2.	VMWare vSphere Enterprise Plus 7 with Support and Subscription (VAT Inclusive) – Year 1	R	R
3.	VMWare vSphere Enterprise Plus 7 with Support and Subscription (VAT Inclusive) – Year 2	R	R
4.	VMWare vSphere Enterprise Plus 7 with Support and Subscription (VAT Inclusive) – Year 3	R	R
5.	Project Management (VAT Inclusive)	R	R
6.	Data Centre Architecture Design	R	R
7.	Installation & Configuration (VAT Inclusive)	R	R
8.	Data Migration (VAT Inclusive)	R	R
10.	Hardware & Software Warranty Support & Maintenance – Year 1 (VAT Inclusive)	R	R
11.	Hardware & Software Warranty Support & Maintenance – Year 2 (VAT Inclusive)	R	R
12.	Hardware & Software Warranty Support & Maintenance – Year 3 (VAT Inclusive)	R	R
13.	Training for three (3) OCJ personnel	R	R
14.	Any other cost (please specify)	R	R
GRAND TOTAL (incl. VAT)			R

*Provide cost breakdown for the hardware as per Annexure "A".



39 ANNEXURE A - List of Hardware & Software

39.1 PRODUCTION

Quantity	Product Code	Product Description	Price (incl. VAT)
SYNERGY FRAME IN A RACK WITH 5 X VMWARE HOSTS AND 2 X BACKUP SERVERS			
1	P9K10A	HPE 42U 600mmx1200mm G2 Kitted Advanced Shock Rack with Side Panels and Baying	R
1	P9K10A 001	HPE Factory Express Base Racking Service	R
1	P06011-B21	HPE Synergy 12000 Configure-to-order Frame with 10x Fans	R
1	P06011-B21 0D1	Factory Integrated	R
2	871940-B21	HPE Synergy 480 Gen10 Configure-to-order Compute Module	R
2	871940-B21 0D1	Factory Integrated	R
2	P18506-L21	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) FIO Processor Kit for HPE Synergy 480 Gen10	R
2	P18506-B21	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) Processor Kit for HPE Synergy 480 Gen10	R
2	P18506-B21 0D1	Factory Integrated	R
4	P28217-B21	HPE Synergy 64GB (1x64GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	R
4	P28217-B21 0D1	Factory Integrated	R
4	P05924-B21	HPE 240GB SATA 6G Read Intensive SFF SC S4510 SSD	R
4	P05924-B21 0D1	Factory Integrated	R
2	P01367-B21	HPE 96W Smart Storage Lithium-ion Battery with 260mm Cable Kit	R
2	P01367-B21 0D1	Factory Integrated	R
2	804424-B21	HPE Smart Array P204i-c SR Gen10 (4 Internal Lanes/1GB Cache) 12G SAS Modular Controller	R
2	804424-B21 0D1	Factory Integrated	R
2	804428-B21	HPE Smart Array P416ie-m SR Gen10 (8 Int 8 Ext Lanes/2GB Cache) 12G SAS Mezzanine Controller	R
2	804428-B21 0D1	Factory Integrated	R



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4	876449-B21	HPE Synergy 4820C 10/20/25Gb Converged Network Adapter	R
4	876449-B21 OD1	Factory Integrated	R
5	871940-B21	HPE Synergy 480 Gen10 Configure-to-order Compute Module	R
5	871940-B21 OD1	Factory Integrated	R
5	P18506-L21	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) FIO Processor Kit for HPE Synergy 480 Gen10	R
5	P18506-B21	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) Processor Kit for HPE Synergy 480 Gen10	R
5	P18506-B21 OD1	Factory Integrated	R
40	P28217-B21	HPE Synergy 64GB (1x64GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	R
40	P28217-B21 OD1	Factory Integrated	R
10	P05924-B21	HPE 240GB SATA 6G Read Intensive SFF SC S4510 SSD	R
10	P05924-B21 OD1	Factory Integrated	R
5	P01367-B21	HPE 96W Smart Storage Lithium-ion Battery with 260mm Cable Kit	R
5	P01367-B21 OD1	Factory Integrated	R
5	804424-B21	HPE Smart Array P204i-c SR Gen10 (4 Internal Lanes/1GB Cache) 12G SAS Modular Controller	R
5	804424-B21 OD1	Factory Integrated	R
5	804428-B21	HPE Smart Array P416ie-m SR Gen10 (8 Int 8 Ext Lanes/2GB Cache) 12G SAS Mezzanine Controller	R
5	804428-B21 OD1	Factory Integrated	R
5	876449-B21	HPE Synergy 4820C 10/20/25Gb Converged Network Adapter	R
5	876449-B21 OD1	Factory Integrated	R
2	867796-B21	HPE Virtual Connect SE 100Gb F32 Module for Synergy	R
2	867796-B21 OD1	Factory Integrated	R
8	882251-B21	HPE Synergy 100GbE/4x25GbE/4x32GbFC QSFP28 Transceiver	R
8	882251-B21 OD1	Factory Integrated	R
2	R3P67A	HPE Synergy 32Gb Fibre Channel Upgrade FIO LTU	R
2	876852-B21	HPE Synergy 4-port Frame Link Module	R



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2	876852-B21 OD1	Factory Integrated	R
1	798096-B21	HPE 6x 2650W Performance Hot Plug Titanium Plus FIO Power Supply Kit	R
1	804938-B21	HPE Synergy Frame Rack Rail Kit	R
1	804938-B21 OD1	Factory Integrated	R
1	804943-B21	HPE Synergy Frame 4x Lift Handles	R
1	804943-B21 OD1	Factory Integrated	R
2	872957-B21	HPE Synergy Composer2 Management Appliance	R
2	872957-B21 OD1	Factory Integrated	R
1	H6J85A	HPE Rack Hardware Kit	R
1	H6J85A OD1	Factory Integrated	R
1	P9L12A	HPE G2 Rack Baying Kit	R
1	P9L12A B01	HPE G2 Rack Baying Kit7	R
1	263474-B22 OD1	Factory Integrated	R
4	P9Q46A	HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (36) C13 (6) C19/Vertical INTL PDU	R
4	P9Q46A OD1	Factory Integrated	R
2	537963-B21	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	R
2	537963-B21 OD1	Factory Integrated	R
2	845406-B21	HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	R
2	845406-B21 OD1	Factory Integrated	R
1	487655-B21	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	R
1	487655-B21 OD1	Factory Integrated	R
12	861414-B21	HPE Synergy Frame Link Module CAT6A 6.4m Cable	R
8	K2Q47A	HPE Multi Fiber Push On to 4 x Lucent Connector 15m Cable	R
TOTAL AMOUNT			R
SYNERGY FRAME IN A RACK WITH 5 X VMWARE HOSTS & 2 X BACKUP SERVERS			



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PRIMERA SAN STORAGE WITH 18 x 1.92TB SSDs & 24 x 8TB HDDs (220 RAW CAPACITY)			
1	N9Z46A	HPE Primera 600 2-way Storage Base	R
1	581817-B21	HPE Configurator Defined Build Instruction Option	R
1	N9Z56A	HPE Primera C630 2-node Controller	R
1	N9Z56A 0D1	Factory Integrated	R
10	R3R39A	HPE Primera 600 1.92TB SAS SFF (2.5in) FIPS Encrypted SSD	R
10	R3R39A 0D1	Factory Integrated	R
2	N9Z39A	HPE Primera 600 32Gb 4-port Fibre Channel Host Bus Adapter	R
2	N9Z39A 0D1	Factory Integrated	R
4	716195-B21	HPE External 1.0m (3ft) Mini-SAS HD 4x to Mini-SAS HD 4x Cable	R
4	716195-B21 0D1	Factory Integrated	R
2	P11582-B21	HPE External Mini SAS High Definition to Mini SAS High Definition 4-lane 0.6m Cable	R
2	P11582-B21 0D1	Factory Integrated	R
1	N9Z50A	HPE Primera 600 2U 24-disk SFF Drive Enclosure	R
8	R3R39A	HPE Primera 600 1.92TB SAS SFF (2.5in) FIPS Encrypted SSD	R
8	R3R39A 0D1	Factory Integrated	R
2	N9Z51A	HPE Primera 600 2U 12-disk LFF Drive Enclosure	R
24	R0Q03A	HPE Primera 600 8TB SAS 7.2K LFF (3.5in) HDD	R
24	R0Q03A 0D1	Factory Integrated	R
1	R3K89A	Arxscan Arxview Data Center Analytics Engine per HPE Array 1yr Support LTU	R
2	R0P13A	HPE SN6620C 32Gb 24-port 32Gb SFP+ Fibre Channel Switch	R
2	R0P13A ACQ	South Africa - English Localization	R
48	QK735A	HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	R
TOTAL AMOUNT (INCL. VAT)			
PRIMERA SAN STORAGE WITH 18 x 1.92TB SSDs & 24 x 8TB HDDs (220 RAW CAPACITY)			R



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BACKUP TO DISK APPLIANCE AND TAPE LIBRARY			
1	P9K10A	HPE 42U 600mmx1200mm G2 Kitted Advanced Shock Rack with Side Panels and Baying	R
1	P9K10A 001	HPE Factory Express Base Racking Service	R
1	BB958A	HPE StoreOnce 5250 Base System	R
1	BB958A 0D1	Factory Integrated	R
1	P19450-B21	HPE D6020 High Density Storage Enclosure 1U Support Tray	R
1	P19450-B21 0D1	Factory Integrated	R
1	BB966A	HPE StoreOnce 5250/5650 60TB Drawer/Capacity Upgrade Kit	R
1	BB966A 0D1	Factory Integrated	R
3	BB974A	HPE StoreOnce 5250/5650 44TB Capacity Upgrade Kit	R
3	BB974A 0D1	Factory Integrated	R
2	BB990A	HPE StoreOnce Gen4 32Gb Fibre Channel Network Card	R
2	BB990A 0D1	Factory Integrated	R
1	BB967A	HPE StoreOnce 5250/5650 60TB Drawer/Capacity Upgrade Kit LTU	R
1	BB967A 0D1	Factory Integrated	R
3	BB975A	HPE StoreOnce 5250/5650 44TB Capacity Upgrade LTU	R
3	BB975A 0D1	Factory Integrated	R
2	BB991A	HPE StoreOnce Gen4 32Gb Fibre Channel Network Card LTU	R
2	BB991A 0D1	Factory Integrated	R
1	Q6Q62B	HPE StoreEver MSL3040 Scalable Library Base Module	R
1	Q6Q62B 0D1	Factory Integrated	R
3	Q6Q68A	HPE StoreEver MSL LTO-8 Ultrium 30750 SAS Drive Upgrade Kit	R
3	Q6Q68A 0D1	Factory Integrated	R
1	H6J85A	HPE Rack Hardware Kit	R
1	H6J85A 0D1	Factory Integrated	R
1	P9L11A	HPE G2 Rack Grounding Kit	R
1	P9L11A 0D1	Factory Integrated	R
1	P9L12A	HPE G2 Rack Baying Kit	R
1	P9L12A B01	HPE G2 Rack Baying Kit7	R
4	P9Q45A	HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (20) C13/Vertical INTL PDU	R
4	P9Q45A 0D1	Factory Integrated	R
1	BW930A	HPE Air Flow Optimization Kit	R
1	BW930A B01	Include with complete system4	R



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4	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 5m Cable	R
1	BB994AAE	HPE StoreOnce Encryption E-LTU	R
1	Q8K43AAE	HPE StoreEver MSL3040 Data Verification for 100 Cartridges E-LTU	R
1	TC406AAE	HPE StoreEver MSL TapeAssure Advanced E-LTU	R
6	AJ837A	HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable	R
1	C7978A	HPE Ultrium Universal Cleaning Cartridge	R
5	Q2078AN	HPE LTO-8 Ultrium 30TB RW Non Custom Labeled Library Pack 20 Data Cartridges with Cases	R
TOTAL AMOUNT (INCL. VAT)			R
BACKUP TO DISK APPLIANCE AND TAPE LIBRARY			

VMWARE LICENSES			
1	P9U41AAE	VMware vCenter Server Standard for vSphere (per Instance) 3yr E-LTU	R
3	BD749AAE	VMware vCenter Site Recovery Manager Standard 25 Virtual Machines 3yr E-LTU	R
10	BD715AAE	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	R
10	R1T86AAE	VMware vRealize Operations Advanced per CPU 3yr E-LTU	R
10	H1K92A3 R5L	HPE VMw vSphere EntPlus 1P 3yr SW Supp	R
10	H1K92A3 Y5Q	HPE VMw vRealize Ops Adv /CPU 3yLTU Supp	R
TOTAL AMOUNT (INCL. VAT)			R
VMWARE LICENSES			

VEEAM BACKUP SOFTWARE LICENSES			
1	R2B28AAE	Veeam Public Sector Availability Suite Universal 2yr Subscription 24x7 Support E-LTU	R
1	R2B26AAE	Veeam Public Sector Availability Suite Universal 1yr Subscription 24x7 Support E-LTU	R
10	R0E23AAE	Veeam Availability Suite Enterprise Plus Perpetual Additional 2-year 24x7 Support	R
10	R3S05AAE	Veeam Public Sector Availability Suite Enterprise Plus 1-year 24x7 Support Perpetual E-LTU	R
TOTAL AMOUNT (INCL. VAT)			R
VEEAM BACKUP SOFTWARE LICENSES			



TERMS OF REFERENCE TO REQUEST FOR BIDS FROM SERVICE PROVIDERS FOR BID NO OCJ2021/09: TO PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS FOR THE OFFICE OF THE CHIEF JUSTICE

LAN SWITCHES			
2	JL624A	Aruba 8325-48Y8C 48p 25G SFP+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	R
2	JL624A ACQ	Aruba 8325-48Y8C 48p 25G SFP+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle ZA en	R
12	J8177D	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	R
4	J9150D	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	R
4	JL563A	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	R
4	R0Z25A	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R
2	JL483B	Aruba X474 4-post Rack Kit	R
TOTAL AMOUNT (INCL. VAT)			R
LAN SWITCHES			
PRODUCTION			R
GRAND TOTAL FOR ALL HARDWARE (INCLUDE ON PRICING SCHEDULE)			



39.2 DISASTER RECOVERY

Quantity	Product Code	Product Description	Price (incl. VAT)
SYNERGY FRAME IN A RACK WITH 5 X VMWARE HOSTS AND 2 X BACKUP SERVERS			
1	P9K10A	HPE 42U 600mmx1200mm G2 Kitted Advanced Shock Rack with Side Panels and Baying	R
1	P9K10A 001	HPE Factory Express Base Racking Service	R
1	P06011-B21	HPE Synergy 12000 Configure-to-order Frame with 10x Fans	R
1	P06011-B21 0D1	Factory Integrated	R
5	871940-B21	HPE Synergy 480 Gen10 Configure-to-order Compute Module	R
5	871940-B21 0D1	Factory Integrated	R
5	P18506-L21	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) FIO Processor Kit for HPE Synergy 480 Gen10	R
5	P18506-B21	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) Processor Kit for HPE Synergy 480 Gen10	R
5	P18506-B21 0D1	Factory Integrated	R
40	P28217-B21	HPE Synergy 64GB (1x64GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	R
40	P28217-B21 0D1	Factory Integrated	R
10	P05924-B21	HPE 240GB SATA 6G Read Intensive SFF SC S4510 SSD	R
10	P05924-B21 0D1	Factory Integrated	R
5	P01367-B21	HPE 96W Smart Storage Lithium-ion Battery with 260mm Cable Kit	R
5	P01367-B21 0D1	Factory Integrated	R
5	804424-B21	HPE Smart Array P204i-c SR Gen10 (4 Internal Lanes/1GB Cache) 12G SAS Modular Controller	R
5	804424-B21 0D1	Factory Integrated	R
5	804428-B21	HPE Smart Array P416ie-m SR Gen10 (8 Int 8 Ext Lanes/2GB Cache) 12G SAS Mezzanine Controller	R
5	804428-B21 0D1	Factory Integrated	R
5	876449-B21	HPE Synergy 4820C 10/20/25Gb Converged Network Adapter	R
5	876449-B21 0D1	Factory Integrated	R
2	867796-B21	HPE Virtual Connect SE 100Gb F32 Module for Synergy	R
2	867796-B21 0D1	Factory Integrated	R
8	882251-B21	HPE Synergy 100GbE/4x25GbE/4x32GbFC QSFP28 Transceiver	R
8	882251-B21 0D1	Factory Integrated	R
2	R3P67A	HPE Synergy 32Gb Fibre Channel Upgrade FIO LTU	R



TERMS OF REFERENCE TO REQUEST FOR BIDS FROM SERVICE PROVIDERS FOR BID NO OCJ2021/09: TO PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS FOR THE OFFICE OF THE CHIEF JUSTICE

2	876852-B21	HPE Synergy 4-port Frame Link Module	R
2	876852-B21 0D1	Factory Integrated	R
1	798096-B21	HPE 6x 2650W Performance Hot Plug Titanium Plus FIO Power Supply Kit	R
1	804938-B21	HPE Synergy Frame Rack Rail Kit	R
1	804938-B21 0D1	Factory Integrated	R
1	804943-B21	HPE Synergy Frame 4x Lift Handles	R
1	804943-B21 0D1	Factory Integrated	R
2	872957-B21	HPE Synergy Composer2 Management Appliance	R
2	872957-B21 0D1	Factory Integrated	R
1	H6J85A	HPE Rack Hardware Kit	R
1	H6J85A 0D1	Factory Integrated	R
1	P9L12A	HPE G2 Rack Baying Kit	R
1	P9L12A B01	HPE G2 Rack Baying Kit7	R
1	263474-B22 0D1	Factory Integrated	R
4	P9Q46A	HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (36) C13 (6) C19/Vertical INTL PDU	R
4	P9Q46A 0D1	Factory Integrated	R
2	537963-B21	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	R
2	537963-B21 0D1	Factory Integrated	R
2	845406-B21	HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	R
2	845406-B21 0D1	Factory Integrated	R
1	487655-B21	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	R
1	487655-B21 0D1	Factory Integrated	R
12	861414-B21	HPE Synergy Frame Link Module CAT6A 6.4m Cable	R
8	K2Q47A	HPE Multi Fiber Push On to 4 x Lucent Connector 15m Cable	R
TOTAL AMOUNT			R
SYNERGY FRAME IN A RACK WITH 5 X VMWARE HOSTS & 2 X BACKUP SERVERS			



TERMS OF REFERENCE TO REQUEST FOR BIDS FROM SERVICE PROVIDERS FOR BID NO OCJ2021/09: TO PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS FOR THE OFFICE OF THE CHIEF JUSTICE

PRIMERA SAN STORAGE WITH 18 x 1.92TB SSDs & 24 x 8TB HDDs (220 RAW CAPACITY)			
1	N9Z46A	HPE Primera 600 2-way Storage Base	R
1	581817-B21	HPE Configurator Defined Build Instruction Option	R
1	N9Z56A	HPE Primera C630 2-node Controller	R
1	N9Z56A OD1	Factory Integrated	R
10	R3R39A	HPE Primera 600 1.92TB SAS SFF (2.5in) FIPS Encrypted SSD	R
10	R3R39A OD1	Factory Integrated	R
2	N9Z39A	HPE Primera 600 32Gb 4-port Fibre Channel Host Bus Adapter	R
2	N9Z39A OD1	Factory Integrated	R
4	716195-B21	HPE External 1.0m (3ft) Mini-SAS HD 4x to Mini-SAS HD 4x Cable	R
4	716195-B21 OD1	Factory Integrated	R
2	P11582-B21	HPE External Mini SAS High Definition to Mini SAS High Definition 4-lane 0.6m Cable	R
2	P11582-B21 OD1	Factory Integrated	R
1	N9Z50A	HPE Primera 600 2U 24-disk SFF Drive Enclosure	R
8	R3R39A	HPE Primera 600 1.92TB SAS SFF (2.5in) FIPS Encrypted SSD	R
8	R3R39A OD1	Factory Integrated	R
2	N9Z51A	HPE Primera 600 2U 12-disk LFF Drive Enclosure	R
24	R0Q03A	HPE Primera 600 8TB SAS 7.2K LFF (3.5in) HDD	R
24	R0Q03A OD1	Factory Integrated	R
1	R3K89A	Arxscan Arxview Data Center Analytics Engine per HPE Array 1yr Support LTU	R
2	R0P13A	HPE SN6620C 32Gb 24-port 32Gb SFP+ Fibre Channel Switch	R
2	R0P13A ACQ	South Africa - English Localization	R
48	QK735A	HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	R
TOTAL AMOUNT (INCL. VAT)			
PRIMERA SAN STORAGE WITH 18 x 1.92TB SSDs & 24 x 8TB HDDs (220 RAW CAPACITY)			R



TERMS OF REFERENCE TO REQUEST FOR BIDS FROM SERVICE PROVIDERS FOR BID NO OCJ2021/09: TO PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS FOR THE OFFICE OF THE CHIEF JUSTICE

BACKUP TO DISK APPLIANCE AND TAPE LIBRARY			
1	P9K10A	HPE 42U 600mmx1200mm G2 Kitted Advanced Shock Rack with Side Panels and Baying	R
1	P9K10A 001	HPE Factory Express Base Racking Service	R
1	BB958A	HPE StoreOnce 5250 Base System	R
1	BB958A 0D1	Factory Integrated	R
1	P19450-B21	HPE D6020 High Density Storage Enclosure 1U Support Tray	R
1	P19450-B21 0D1	Factory Integrated	R
1	BB966A	HPE StoreOnce 5250/5650 60TB Drawer/Capacity Upgrade Kit	R
1	BB966A 0D1	Factory Integrated	R
3	BB974A	HPE StoreOnce 5250/5650 44TB Capacity Upgrade Kit	R
3	BB974A 0D1	Factory Integrated	R
2	BB990A	HPE StoreOnce Gen4 32Gb Fibre Channel Network Card	R
2	BB990A 0D1	Factory Integrated	R
1	BB967A	HPE StoreOnce 5250/5650 60TB Drawer/Capacity Upgrade Kit LTU	R
1	BB967A 0D1	Factory Integrated	R
3	BB975A	HPE StoreOnce 5250/5650 44TB Capacity Upgrade LTU	R
3	BB975A 0D1	Factory Integrated	R
2	BB991A	HPE StoreOnce Gen4 32Gb Fibre Channel Network Card LTU	R
2	BB991A 0D1	Factory Integrated	R
1	H6J85A	HPE Rack Hardware Kit	R
1	H6J85A 0D1	Factory Integrated	R
1	P9L11A	HPE G2 Rack Grounding Kit	R
1	P9L11A 0D1	Factory Integrated	R
1	P9L12A	HPE G2 Rack Baying Kit	R
1	P9L12A B01	HPE G2 Rack Baying Kit7	R
4	P9Q45A	HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (20) C13/Vertical INTL PDU	R
4	P9Q45A 0D1	Factory Integrated	R
1	BW930A	HPE Air Flow Optimization Kit	R
1	BW930A B01	Include with complete system4	R
6	AJ837A	HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable	R
TOTAL AMOUNT (INCL. VAT)			R
BACKUP TO DISK APPLIANCE AND TAPE LIBRARY			



TERMS OF REFERENCE TO REQUEST FOR BIDS FROM SERVICE PROVIDERS FOR BID NO OCJ2021/09: TO PROVIDE INFRASTRUCTURE REFRESH (SERVER, STORAGE AND VIRTUALISATION) INCLUDING HARDWARE AND SOFTWARE WARRANTY SUPPORT AND MAINTENANCE FOR THE PERIOD OF THIRTY-SIX (36) MONTHS FOR THE OFFICE OF THE CHIEF JUSTICE

VMWARE LICENSES			
1	P9U41AAE	VMware vCenter Server Standard for vSphere (per Instance) 3yr E-LTU	R
10	BD715AAE	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	R
10	H1K92A3 R5L	HPE VMw vSphere EntPlus 1P 3yr SW Supp	R
TOTAL AMOUNT (INCL. VAT)			R
VMWARE LICENSES			

LAN SWITCHES			
2	JL624A	Aruba 8325-48Y8C 48p 25G SFP+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	R
2	JL624A ACQ	Aruba 8325-48Y8C 48p 25G SFP+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle ZA en	R
12	J8177D	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	R
4	J9150D	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	R
4	JL563A	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	R
4	R0Z25A	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R
2	JL483B	Aruba X474 4-post Rack Kit	R
TOTAL AMOUNT (INCL. VAT)			R
LAN SWITCHES			
DISASTER RECOVERY			R
GRAND TOTAL FOR ALL HARDWARE (INCLUDE ON PRICING SCHEDULE)			R



40 ANNEXURE B – TRAINING

TRAINING	PRICE (INCL. VAT)
Administrator Classroom training on the Synergy Blade including Blade Networking for three (3) resources including exam (HPE Training Credit Servers / HybridIT SVC)	
Administrator Classroom training on the Storage Array for three (3) resources including exam (HPE Training Credits for VMware SVC)	
- VMware Classroom Training (Server Virtualization) for three (3) resources including exam (HPE Training Credits for Storage SVC)	
TOTAL COST (INCL. VAT)	



41 THREE (3) YEAR SUPPORT, STARTUP AND INSTALLATION SERVICES

The support, start-up and installation must include the following:

Quantity	Product Code	Product Description
1	H1K92A3	HPE 3Y Proactive Care 24x7 SVC
3	H1K92A3 ZH8	HPE StoreOnce 52/5650 44TBCapUpgKit Supp
1	H1K92A3 QC1	HPE MSL TapeAssure Adv Lic Support
1	H1K92A3 WJN	HPE Synergy 1200 Frame Supp
2	H1K92A3 X7Q	HPE Aruba 8325-48 Support
2	H1K92A3 Z1Q	HPE Synergy Composer2 Support
2	H1K92A3 Z1R	HPE Synergy VC SE 100Gb F32 Module Supp
1	H1K92A3 ZH1	HPE StoreOnce 5250 Base System Support
1	H1K92A3 ZH6	HPE StoreOnce 52/5650 60TBDrrwUpKit Supp
2	AG467A	HPE Medium Standard Delivery-Door/Dock Service
1	HA113A1	HPE Installation SVC
1	HA114A1	HPE Installation and Startup Service
2	HA113A1 5BY	HPE Rack and Rack Options Install SVC
2	HA113A1 5GA	HPE LowEnd SAN/Edge Switch/HAFM Inst SVC
2	HA113A1 5MW	HPE Aruba 6xxxN8xxx Install Swt SVC
1	HA124A1	HPE Technical Installation Startup SVC
1	HA124A1 5SH	HPE Strge System Startup 2N Base Fld SVC
2	HA124A1 5PJ	HPE Strge System Startup Adapter Fld SVC
1	HA124A1 5T7	HPE StoreOnce Sing N Catalys Startup SVC
1	HA124A1 5WQ	HPE StoreOnce 52/5650 Stup SVC
1	HA124A1 5R5	HPE Storage System Startup Base SW SVC
1	HA124A1 5ZM	HPE Synergy First Frame Startup SVC
1	H5UR4A1	HPE Deployment Services for Veeam SVC
2	H5UR4A1 001	HPE Deploy of Veeam Base SVC
1	H8E02A1	HPE StoreOnce Integration Level 1 SVC
18	H0JD6A1	HPE Storage SSD Extended Replacement SVC
1	HU4A6A3	HPE 3Y Tech Care Essential Service
1	HU4A6A3 Z09	HPE Primera 600 2-way Storage Base Supp
2	HU4A6A3 TDQ	HPE SN6620C 32Gb FC Switch Support
1	HU4A6A3 Z0B	HPE Primera A630/C630 2N Controller Supp
1	HU4A6A3 Z0J	HPE Primera 600 2U24 SFF Enclosure Supp

