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Title	Specifications: NTP Simplivity Upgrade Node 5124600591-01				

1. INVITATION

NTP Radioisotopes requires the services of a suitably qualified service provider to supply and install hardware and software needed to upgrade Simplivity Node.


2. DELIVERABLES /SCOPE of SERVICE

Services and models needed:

Hardware:

QTY	Product #	Product Description
1	R2G96A	HPE SimpliVity 380 Gen10 G Node
1	R2G97A	HPE SimpliVity 380 Gen10 Node with VMware Tracking
1	R2G97A OD1	Factory Integrated
1	P24467-L21	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10
1	P24467-B21	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10
1	P24467-B21 OD1	Factory Integrated
2	R4C27A	HPE SimpliVity 384G (12x32G) RDIMM Kit
2	R4C27A OD1	Factory Integrated
1	826691-B21	HPE DL38X Gen10 SFF Box1/2 Cage/Backplane Kit
1	826691-B21 OD1	Factory Integrated
2	872475-K21	HPE 300GB SAS 12G Mission Critical 10K SFF SC 3-year Warranty
2	872475-K21 OD1	Factory Integrated
4	R2Z28A	HPE SimpliVity 4x1.92TB SFF SSD Kit
4	R2Z28A OD1	Factory Integrated
2	817718-B21	HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter
2	817718-B21 OD1	Factory Integrated
1	P01366-B21	HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit
1	P01366-B21 OD1	Factory Integrated
1	804338-B21	HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4GB Cache/SmartCache) 12G SAS Modular Controller
1	804338-B21 OD1	Factory Integrated
1	817709-B21	HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter
1	817709-B21 OD1	Factory Integrated
2	830272-B21	HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
2	830272-B21 OD1	Factory Integrated
1	BD505A	HPE iLO Advanced 1-serv License with 3yr Support on iLO Lic Features
1	BD505A OD1	Factory Integrated
1	R4D18A	HPE SimpliVity 380 G 2 Processors 21TB Software
1	733664-B21	HPE 2U Cable Management Arm for Easy Install Rail Kit
1	733664-B21 OD1	Factory Integrated
1	867809-B21	HPE Gen10 2U Bezel Kit
1	867809-B21 OD1	Factory Integrated
1	826703-B21	HPE DL380 Gen10 SFF Systems Insight Display Kit
1	826703-B21 OD1	Factory Integrated
1	733660-B21	HPE 2U Small Form Factor Easy Install Rail Kit
1	733660-B21 OD1	Factory Integrated
1	AC114A	HPE ProLiant Door/dock Medium Logistic Service
4	JD097C	HPE FlexNetwork X240 10G SFP+ to SFP+ 3m Direct Attach Copper Cable

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Software:

Part Number	Description	QTY
BD711AAE	VMware vSphere Standard 1 Processor 3yr E-LTU	1
HA124A1	HPE SVT for VMware Remote SW St SVC	1

Training:

Part Number	Description	QTY
HF386A1	HPE Training Credits for VMware SVC	5
HF382A1	HPE Training Credits for Simplivity SVC	2

Services:

Part Number	Description	QTY
HU4A6A3	HPE 3Y Tech Care Essential Service	1
HA114A1	HPE Installation and Startup Service	1
HA114A1 5LY	HPE Simplivity 380 HW Startup SVC	1
HU4A6A3 Z9X	HPE SVT 380 Gen10 Node (1 Node) Support	1
HU4A6A3 Z5Z	HPE SimpliVity 380 G 2P 21TB SW Support	1
HA124A1	HPE Technical Installation Startup SVC	1

Installation:


- Ensure the latest installation of Firmware
- Phase approach to install new equipment.
- Setup and Configuration.
- Documentation of the “new” layout.
- Backup of Configuration files.

Definition of Priorities:

Provide a single point of contact for all support requirements, preferable using a Service Desk.

PRIORITY	DEFINITION	RESPONSE TIME	MTTR
Critical	The problem affects the entire NTP staff, Or an entire ICT service.	Within 5Min	Within 2 hours
High	A problem with no acceptable workaround that affects more than one business unit / business system.	Within 15Min	Within 4 hours
Medium	A general service request or a problem with a workaround solution affecting a certain group of users.	Within 30Min	Within 2 days
Low	A service request or incident affecting one user.	Within 1 Hour	Within 5 days

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EXPECTED SKILLS AND EVALUATION CRITERIA

Responding Service Providers should be able to demonstrate (at least) the following skill for LAN and WAN infrastructures:

An in depth understanding of HPE Simplivity; (HPE hardware and HPE software)

An in depth understanding of VmWare;

Knowledge of legal, regulatory and best practice frameworks (GMP, ITIL, COBIT and ISO).

Other evaluation criteria will include but not limited:

Compliance with all of the requirements of this tender;

Vendor capabilities; Client references; Total cost of services.

COMPANY PROFILE

The vendor profile should contain the following information:

A brief description of your company and its products and services.

The specific products and services that you are including in order to satisfy the Tender.

Detailed experience that the organization has had in Strategic ICT Infrastructure Support Services with an in depth understanding of LAN and WAN infrastructures;

Include the names of at least two (2) other organizations of a similar size and scope.

The title, address, email, telephone and fax numbers of the contact for your proposal.

A list of the key staff who will be working on this contract including brief bios that define education and experience. Key staff must be South-African citizens and need to attend a half day NECSA orientation course and apply for a contractor's access card (cost R 150 each).