



## agriculture, land reform & rural development

Department:  
Agriculture, Land Reform and Rural Development  
REPUBLIC OF SOUTH AFRICA



**Chief Directorate: Supply Chain and Facilities Management**

**Directorate:** Demand and Acquisition Management; **Sub-Directorate:** Acquisition Management

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### ADDENDUM 1

## APPOINTMENT OF AN INTERNET SERVICE PROVIDER (ISP) TO THE DEPARTMENT OF AGRICULTURE, LAND REFORM AND RURAL DEVELOPMENT FOR A PERIOD OF FIVE (5) YEARS FROM 1 APRIL 2024 TO 31 MARCH 2029.

**BID NUMBER: 5/2/2/1- DALRRD 0019(2023/2024)**

### Index

1. Attached herewith find the changes as discussed in the compulsory briefing meeting on Annexure A.
2. Attached herewith find the coordinates as requested.

**NB: KINDLY NOTE THAT FAILURE TO COMPLETE THE REVISED ATTACHED ANNEXURE A WILL RENDER YOUR BID PROPOSAL TO BE NON-RESPONSIVE.**



**APPOINTMENT OF AN INTERNET SERVICE PROVIDER (ISP) TO THE DEPARTMENT OF AGRICULTURE, LAND REFORM AND RURAL DEVELOPMENT FOR A PERIOD OF FIVE (5) YEARS FROM 1 APRIL 2024 TO 31 MARCH 2029.**

**ACCEPTANCE AND INCORPORATION OF ADDENDUM**

I/We accept that Addendum No 1 forms part of the Tender Documents.

I/We confirm that I/we -

- (a) have noted the contents of this Addendum
- (b) have fully considered this Addendum
- (c) have incorporated the amendments and additions contained in this Addendum in my/our Tender for Tender No. **Bid number: 5/2/2/1- DALRRD 0019(2023/2024)**

SIGNED ON BEHALF OF THE TENDERER .....

NAME OF SIGNATORY (BLOCK LETTERS) .....

NAME OF TENDERER (BLOCK LETTERS).....

TENDERER'S ADDRESS : .....

TENDERER'S TEL NO : .....

TENDERER'S FAX NO : .....

SIGNATURES OF WITNESSES : 1. ....  
2. ....

NAMES OF WITNESSES (BLOCK LETTERS) : 1. ....  
2. ....

DATE : .....

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.****NB: Under Compliant please mark Yes or No.****3. SCOPE OF WORK**

		COMPLIANT		COMMENTS
		YES	NO	
<b>3.1</b>	<b>SCOPE</b>			
<b>3.2</b>	DALRRD requires the contract to provide for the initial requirement (i.e. at the start of the contract), as well as different upgrade options. This is to allow the Department to upgrade their bandwidth utilization during the contract period, without having to change the contract. DALRRD reserves the right to decide if and when to upgrade, and which of the upgrade options to implement.			
<b>3.3</b>	DALRRD also requests additional options, like a wireless connection for redundancy purposes, installation at an additional location, as well as an IPv6 prefix. These are mandatory requirements of the tender, i.e. the bidder must be able to render these services and bidders must specify prices for these services for the contract period. However, DALRRD reserves the right to decide whether or not to implement these services, which services and when (i.e. either at the start of the contract or any time during the contract period).  <b>The Bandwidth of any additional office should start at 50Mbps for Main Connection and 25 Mbps for Redundancy.</b>			
<b>3.4</b>	Hand over period (at start and end of the contract):  End of contract: At the end of the contract the current service provider undertakes to allow the new service provider to rent their solution until the new service provider's solution is operational for up to a Maximum of 4 months.  Beginning of contract: To enable a smooth handover the new service provider will be responsible and accountable to arrange with the current service provider to rent & continue using the current solution until the new solution is fully operational from 01 April 2024 if the new solution is not fully operational by 1 April 2024.			
<b>3.5</b>	There must be a contention ratio of 1:1, for 24 hours of every day.			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

		COMPLIANT		COMMENTS
		YES	NO	
<b>3.6</b>	<b>The ISP must use the following technologies to provide the required bandwidth to DALRRD:</b>			
3.6.1	Fibre Optic: Use a fibre optic connection to carry the Internet data to and from the Main Site at Harvest House, 30 Hamilton Road, Pretoria;			
3.6.2	Fiber Optic: Use a fibre optic connection to carry the Internet data to and from Stellenbosch Offices, Western Cape;			
3.6.3	Fiber Optic: Use a fibre optic connection to carry the Internet data to and from DALRRD New Office, Pretoria;			
3.6.4	Rapid-link: Use of Rapid-Link or alternative technology connection to carry the Internet and Data to and from Roodeplaat, Pretoria to Main Site at Harvest House, 30 Hamilton Road, Pretoria.			
3.6.5	CPE routers must be included for all sites and the service must be managed by the ISP.			
<b>3.7</b>	<b>Wireless/Fiber connection for redundancy purposes:</b>  Use of wireless/fibre technology to carry a redundancy Internet data link for all sites and the redundancy link must be configured on the same CPE routers included above. The service must be managed by the ISP. The redundancy link speed must be half (1/2) of the main connection speeds of the optic fibre link on all the sites. The redundancy must be include on the below sites:			
3.7.1	Harvest House, 30 Hamilton Road, Pretoria;			
3.7.2	Stellenbosch Offices, Western Cape;			
3.7.3	DALRRD New Office, Pretoria;			
3.7.4	Roodeplaat, Pretoria.			
<b>3.8</b>	<b>As an initial bandwidth requirement, DALRRD needs a total of:</b>			
3.8.1	At the start of the contract, the total Bandwidth supplied must be as follows and the International Bandwidth must be initially set to half (½) of the total bandwidth:			
a)	The Fibre Optic Bandwidth supplied must initially be at <b>1200 Mbps</b> at the Harvest House, Pretoria with <b>1200 Mbps local</b> and <b>600 Mbps international</b> ;			
b)	The Fibre Optic Bandwidth supplied must initially be at <b>100 Mbps</b> at the Stellenbosch Offices, Western Cape with <b>100 Mbps local</b> and <b>50 Mbps international</b> ;			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

		COMPLIANT		COMMENTS
		YES	NO	
c)	The Fibre Optic Bandwidth supplied must initially be at <b>500 Mbps</b> at DALRRD New Building, Pretoria with <b>500 Mbps local</b> and <b>250 Mbps international</b> ;			
d)	The <b>Rapid-link or alternative</b> technology for connection to carry the Internet and Data to and from Roodeplaat to Main Site (Harvest House) must be initially at <b>40 Mbps</b> .			
3.8.2	<p>DALRRD reserves the right to <b>upgrade the bandwidth</b> during the contract period as and when needed (i.e. on an ad hoc basis).</p> <p>DALRRD reserves the right to decide when to upgrade, and which of the upgrade options to implement.</p> <p>Bidders must specify prices for different upgrade options:</p> <p>The Fibre Optic bandwidth upgrades must include an upgrade of either or all the sites. Upgrade options for Fibre Optic Bandwidth are required as follows including the increase on Redundancy as well of which the redundancy must be ½ of the actual Bandwidth speed:</p>			
	<b>UPGRADES FOR YEAR 2 of the contract:</b>			
a)	<p><b>Increment of 200 Mbps:</b></p> <p>Upgrade to total Fibre Optic bandwidth of <b>1400 Mbps</b> at the Harvest House, Pretoria with <b>1400 Mbps local</b> and <b>700 Mbps international (YEAR 2)</b>;</p>			
b)	<p><b>Increment of 50 Mbps:</b></p> <p>Upgrade to total Fibre Optic bandwidth of <b>150 Mbps</b> at Stellenbosch Offices, Western Cape with <b>150 Mbps local</b> and <b>75 Mbps international (YEAR 2)</b>;</p>			
c)	<p><b>Increment of 100 Mbps:</b></p> <p>Upgrade to total Fibre Optic bandwidth of <b>600 Mbps</b> at DALRRD New Building, Pretoria with <b>600 Mbps local</b> and <b>300 Mbps international (YEAR 2)</b>;</p>			
d)	<p><b>Increment of 20 Mbps:</b></p> <p>Upgrade to total <b>Rapid-link or alternative technology</b> for connection of <b>60 Mbps</b> to carry the Internet and Data to and from Roodeplaat to Main Site (Harvest House) (<b>YEAR 2</b>);</p>			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

	COMPLIANT		COMMENTS
	YES	NO	
<b>UPGRADES FOR YEAR 3 of the contract:</b>			
<b>e) Increment of 200 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>1600 Mbps</b> at the Harvest House, Pretoria with <b>1600 Mbps local</b> and <b>800 Mbps international (YEAR 3);</b>			
<b>f) Increment of 50 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>200 Mbps</b> at Stellenbosch Offices, Western Cape with <b>200 Mbps local</b> and <b>100 Mbps international (YEAR 3);</b>			
<b>g) Increment of 100 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>700 Mbps</b> at DALRRD New Building, Pretoria with <b>700 Mbps local</b> and <b>350 Mbps international (YEAR 3);</b>			
<b>h) Increment of 20 Mbps:</b>  Upgrade to total <b>Rapid-link or alternative technology</b> for connection of <b>80 Mbps</b> to carry the Internet and Data to and from Roodeplaat to Main Site (Harvest House) <b>(YEAR 3);</b>			
<b>UPGRADES FOR YEAR 4 of the contract:</b>			
<b>i) Increment of 200 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>1800 Mbps</b> at the Harvest House, Pretoria with <b>1800 Mbps local</b> and <b>900 Mbps international (YEAR 4);</b>			
<b>j) Increment of 50 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>250 Mbps</b> at Stellenbosch Offices, Western Cape with <b>250 Mbps local</b> and <b>125 Mbps international (YEAR 4);</b>			
<b>k) Increment of 100 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>800 Mbps</b> at DALRRD New Building, Pretoria with <b>800 Mbps local</b> and <b>400 Mbps international (YEAR 4);</b>			
<b>l) Increment of 20 Mbps:</b>  Upgrade to total <b>Rapid-link or alternative technology</b> for connection of <b>100 Mbps</b> to carry the Internet and Data to and from Roodeplaat to Main Site (Harvest House) <b>(YEAR 4);</b>			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

		COMPLIANT		COMMENTS
		YES	NO	
<b>UPGRADES FOR YEAR 5 of the contract:</b>				
<b>m)</b>	<b>Increment of 200 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>2000 Mbps</b> at the Harvest House, Pretoria with <b>2000 Mbps local</b> and <b>1000 Mbps international (YEAR 5)</b> ;			
<b>n)</b>	<b>Increment of 50 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>300 Mbps</b> at Stellenbosch Offices, Western Cape with <b>300 Mbps local</b> and <b>150 Mbps international (YEAR 5)</b> ;			
<b>o)</b>	<b>Increment of 100 Mbps:</b>  Upgrade to total Fibre Optic bandwidth of <b>900 Mbps</b> at DALRRD New Building, Pretoria with <b>900 Mbps local</b> and <b>450 Mbps international (YEAR 5)</b> ;			
<b>p)</b>	<b>Increment of 20 Mbps:</b>  Upgrade to total <b>Rapid-link or alternative technology for</b> connection of <b>120 Mbps</b> to carry the Internet and Data to and from Roodeplaat to Main Site (Harvest House) <b>(YEAR 5)</b> .			
3.9	DALRRD reserves the right to request the ISP to also provide the service at additional offices that is not already specified in the contract.  <b>The Bandwidth of additional office should start at 50Mbps for Main Connection and 25 Mbps for Redundancy and must be quoted on the Price Schedule (paragraph 2.5).</b>			
3.10	Redundancy Wireless/Fiber as per initial Bandwidth and Bandwidth Upgrades:			
a)	Redundancy Wireless/Fibre Optic Bandwidth of <b>1200 Mbps</b> at the Harvest House, Pretoria: <b>600 Mbps (YEAR 1)</b> ;			
b)	Redundancy Wireless/Fibre Optic Bandwidth of <b>100 Mbps</b> at Stellenbosch Offices, Western Cape: <b>50 Mbps (YEAR 1)</b> ;			
c)	Redundancy Wireless/Fibre Optic Bandwidth of <b>500 Mbps</b> at DALRRD New Building, Pretoria: <b>250 Mbps (YEAR 1)</b> ;			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

		COMPLIANT		COMMENTS
		YES	NO	
d)	Redundancy Wireless/Fibre Optic Bandwidth of <b>20 Mbps</b> at Roodeplaat site to carry the <b>Rapid-link or alternative technology for</b> connection for the Internet and Data to and from Roodeplaat to Main Site (Harvest House) ( <b>YEAR 1</b> );			
e)	Redundancy Wireless/Fibre Optic Bandwidth of <b>1400 Mbps</b> at the Harvest House, Pretoria: <b>700 Mbps (YEAR 2)</b> ;			
f)	Redundancy Wireless/Fibre Optic Bandwidth of <b>150 Mbps</b> at Stellenbosch Offices, Western Cape: <b>75 Mbps (YEAR 2)</b> ;			
g)	Redundancy Wireless/Fibre Optic Bandwidth of <b>600 Mbps</b> at DALRRD New Building, Pretoria: <b>300 Mbps (YEAR 2)</b> ;			
h)	Redundancy Wireless/Fibre Optic Bandwidth of <b>30 Mbps</b> at Roodeplaat site to carry the <b>Rapid-link or alternative technology for</b> connection for the Internet and Data to and from Roodeplaat to Main Site (Harvest House) ( <b>YEAR 2</b> );			
i)	Redundancy Wireless/Fibre Optic Bandwidth of <b>1600 Mbps</b> at the Harvest House, Pretoria: <b>800 Mbps (YEAR 3)</b> ;			
j)	Redundancy Wireless/Fibre Optic Bandwidth of <b>200 Mbps</b> at Stellenbosch Offices, Western Cape: <b>100 Mbps (YEAR 3)</b> ;			
k)	Redundancy Wireless/Fibre Optic Bandwidth of <b>700 Mbps</b> at DALRRD New Building, Pretoria: <b>350 Mbps (YEAR 3)</b> ;			
l)	Redundancy Wireless/Fibre Optic Bandwidth of <b>40 Mbps</b> at Roodeplaat site to carry the <b>Rapid-link or alternative technology for</b> connection for the Internet and Data to and from Roodeplaat to Main Site (Harvest House) ( <b>YEAR 3</b> );			
m)	Redundancy Wireless/Fibre Optic Bandwidth of <b>1800 Mbps</b> at the Harvest House, Pretoria: <b>900 Mbps (YEAR 4)</b> ;			
n)	Redundancy Wireless/Fibre Optic Bandwidth of <b>250 Mbps</b> at Stellenbosch Offices, Western Cape: <b>125 Mbps (YEAR 4)</b> ;			
o)	Redundancy Wireless/Fibre Optic Bandwidth of <b>800 Mbps</b> at DALRRD New Building, Pretoria: <b>400 Mbps (YEAR 4)</b> ;			



**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

		COMPLIANT		COMMENTS
		YES	NO	
p)	Redundancy Wireless/Fibre Optic Bandwidth of <b>50 Mbps</b> at Roodeplaat site to carry the <b>Rapid-link or alternative technology for</b> connection for the Internet and Data to and from Roodeplaat to Main Site (Harvest House) <b>(YEAR 4)</b> ;			
q)	Redundancy Wireless/Fibre Optic Bandwidth of <b>2000 Mbps</b> at the Harvest House, Pretoria: <b>1000 Mbps (YEAR 5)</b> ;			
r)	Redundancy Wireless/Fibre Optic Bandwidth of <b>300 Mbps</b> at Stellenbosch Offices, Western Cape: <b>150 Mbps (YEAR 5)</b> ;			
s)	Redundancy Wireless/Fibre Optic Bandwidth of <b>900 Mbps</b> at DALRRD New Building, Pretoria: <b>450 Mbps (YEAR 5)</b> ;			
t)	Redundancy Wireless/Fibre Optic Bandwidth of <b>60 Mbps</b> at Roodeplaat site to carry the <b>Rapid-link or alternative technology for</b> connection for the Internet and Data to and from Roodeplaat to Main Site (Harvest House) <b>(YEAR 5)</b> ;			
<b>3.11 Availability &amp; Penalties:</b>				
3.11.1 Availability:				
a)	The requirement for the DALRRD is for a guaranteed uptime for 99% from 6h30 to 18h30 Monday to Fridays. A 95% uptime is satisfactory for the other times.			
b)	The Department reserves the right to terminate the contract should the availability be below 98% between 6h30 till 18h30 Mondays to Fridays for any three (non-consecutive) months within any 12 consecutive month period of the contract.			
c)	The Department reserves the right to charge penalties fees when unarranged downtime happens: <ul style="list-style-type: none"> <li>i. For downtime longer than point paragraph 3.9.1 (a) the ISP must credit the departments account or add bandwidth as per paragraph 3.24 within the month of the incident.</li> <li>ii. The department requires the ISP to restrict changes that may affect DALRRD to Friday nights until Sunday nights to reduce impact of changes and allow for testing of changes by DALRRD.</li> <li>iii. DALRRD requires changes not to be made as far as possible from 26 until 6 of each month.</li> </ul>			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

	COMPLIANT		COMMENTS
	YES	NO	
iv. DALRRD requires the ISP to provide the department with a schedule of changes 2 weeks in advance unless there is an emergency to reduce service delivery impact.			
3.12 The DALRRD will keep its current domain name. The ISP must host the DNS domain NDA.AGRIC.ZA for the Department with authority for changes to that domain lying with the DALRRD.			
3.13 The DALRRD will keep its current IP ranges. DALRRD shares a public class-B network with the ARC, namely 155.240.0.0, and the DALRRD portion (155.240.0.0 to 155.240.159.0), and these IP ranges must be routed through the ISP. DALRRD has a class-C network used for our DMZ services that must also be routed through the ISP, namely 192.96.1.0/24.			
3.14 The DALRRD requires an IPv6 prefix that will cover the extent of the organization, for at least 200 internal networks. If there are any financial implications to this requirement it must be clearly indicated.  The DALRRD reserves the right to decide if and when to implement this service.			
3.15 Statistics must be available per:  3.15.1 Hour, day, week, month, and archive of previous months.			
3.16 The following statistics are required:  3.16.1 Bandwidth utilization, in histogram format.			
3.17 Warning of possible line outages and line outages occurred with the expected and actual time of remedy.			
3.18 A service desk, with the following service requirements, must be active for problem reporting and resolution:  3.18.1 Peak time availability (6:30 – 18:30) ;			
3.18.2 Emergency arrangement for access of services on a 24 X 7 basis must be provided.			
3.19 Escalation procedures will be negotiated with the recommended bidder after the evaluation of the bid.			
3.20 Information on known errors must be made available to the DALRRD after problem resolution. (The method of providing information will be agreed with the successful bidder, e.g. via e-mail.)			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

		COMPLIANT		COMMENTS
		YES	NO	
3.21	The ISP must already have in place the capability to converge data, voice and video on one infrastructure. This includes voice over IP.			
3.22	Bidders must <b>specify costs</b> for the following:			
3.23.1	Fibre Optic: Use of a fibre optic connection to carry the Internet data to and from all the sites including CPE routers must be included in the price.			
3.23.2	Wireless/Fiber connection for Redundancy purposes to carry a redundant Internet data link to and from all the sites and redundant link must be configured on the same CPE routers must be included in the price as above. The redundant link speed must be at a half (1/2) of the main connection speed of the optic fibre link.  This part of the bid will only be considered if it is cost effective and falls within budget. Therefore the Department reserves the right to implement this service at the start of the contract, sometime during the contract period, or not at all.			
3.24	Additional costs for upgrading the bandwidth:  Provide prices for different upgrade options specified above.  It is up to DALRRD to determine if and when to make use of this additional bandwidth during the contract period.			
3.25	Specify costs for installation and bandwidth for an additional office (not already specified in the contract).  Therefore, the Department reserves the right to implement this service sometime during the contract period, or not at all.			
3.26	Specify costs for an IPv6 prefix  The DALRRD reserves the right to decide if and when to implement this service.			
3.27	If there is a decrease in the (South-African market-related) bandwidth cost, the Service Provider must re-align their pricing during the contract period to the advantage of DALRRD. It is requested that the Service Provider provide an upgraded service rather than passing on the price savings.			
3.28	<b>Delivery addresses:</b>			
3.28.1	Harvest House, 30 Hamilton Road, Pretoria;			
3.28.2	Stellenbosch: Plant Quarantine Station, Polkadraai avenue, Stellenbosch, Western Cape;			

**“REVISED ANNEXURE A” OF THE TERMS OF REFERENCE.**

	COMPLIANT		COMMENTS
	YES	NO	
3.28.3 DALRDD New Building: 600 Lilian Ngoyi street, Tswane CBD.			
3.28.4 Roodeplaat: Moloto Road, Pretoria.			
3.29 <b>Financial &amp; Payment considerations:</b>			
3.29.1 Payment for the monthly service costs will be done on a monthly <b>basis in advance</b> .			
3.29.2 Payment for installation costs will only be done after successful installation (i.e. fully operational according to conditions of the contract).			



## agriculture, land reform & rural development

Department:  
Agriculture, Land Reform and Rural Development  
REPUBLIC OF SOUTH AFRICA

### DALRRD INTERNET BREAKOUT OFFICES COORDINATES

#### 1. Harvest House, Pretoria (Main Site):

**Coordinates:** -25.737014, 28.205411

**Physical Address:** Harvest House, 30 Hamilton Street, PRETORIA, 0001

#### 2. DALLRD New Building, Pretoria:

**Coordinates:** -25.75828, 28.19468

**Physical Address:** South Western corner of the intersection Nelson Mandela Drive and Justice Mohamed street, Pretoria

#### 3. Roodeplaat, Moloto Road, Pretoria:

**Coordinate:** -25.590223, 28.376082

**Physical Address:** Roodeplaat, Plant Genetic Resources Management Centre, Moloto Road, Pretoria.

#### 4. Stellenbosch, Cape Town:

**Coordinate:** -33.946752, 18.826570

**Physical Address:** Stellenbosch, Plant Quarantine Station, Polka Drive Road.