

**MINISTRY OF ENERGY**

REPUBLIC OF SOUTH AFRICA

PRIVATE BAG x 96, PRETORIA, 0001, Tel (012) 406 7658

PRIVATE BAG x 9111, CAPE TOWN, 8000 (021) 469 6412, Fax (021) 465 5980

 **Memorandum from the Parliamentary Office**

**National Assembly Question: 3310**

**Mr M M Dlamini (EFF) to ask the Minister of Energy:**

1. (a) On what date was the information technology (IT) infrastructure of (i) his department and (ii) entities reporting to him last upgraded or updated, (b) what is the name of the company contracted to do the upgrades, (c) what was the monetary value of the contract and (d) what is the name of each IT system that was upgraded;

(2) (a) what is the name of the company that is currently responsible for the maintenance of the IT systems of (i) his department and (ii) entities reporting to him and (b) what is the value of the contract? NW3747E

**Reply:**

**1(i) a Department of Energy**

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| **Date of Upgrade** | **Name of Company** | **Monetary Value** | **Name of System Upgraded** | **Company Responsible for Maintenance** | **Value of Maintenance Contract** |
| March 2014 | Ubuntu Technologies | R 6 092 074.50 | Server, storage and local area network system | DoE maintains ICT systems internally. However, the DoE has an technical support Service Level Agreement with Ubuntu Technologies | Total cost of R 290 700.00 over 36 months.(Ending October 2020) |
| April 2015 | State Information Technology Agency | R 83 500.18 per month | Virtual Private Network | State Information Technology Agency | Monetary value of the contract includes maintenance and support services |
| April 2012 | Gijima | R 4 649 605.69 | Design and Implementation of Local Area Network and Voice over Internet Protocol communication system – Head Office | DoE maintains the Voice over Internet Protocol system internally. However, the DoE has an technical support Service Level Agreement with Ubuntu Technologies | Total cost of R 144 000.00 over 24 months (Ending June 2020) |
| March 2015 | Gijima | R 910 451,62 | Voice over Internet Protocol communication system – Regional Offices |
| May 2016 | Microsoft  | $ 539 278.14 | Microsoft Volume Licensing | DoE maintains ICT systems internally. | None |
| November 2018 | Magic | R 4 123 699.20 | Petroleum Products Act Licensing System | Magic | The total cost of the contract includes application, design, development, maintenance and support services over 36 months period. (Ending November 2018) |
| April 2017 | Galyx | R 343 393.73 (once off) | Barracuda Secure Web Gateway | DoE maintains the system internally. | None |
| August 2018 | Netsec | R 63 250.00 (once off) | Symantec Full Disk encryption | DoE maintains the system internally. | None |

**CEF GROUP RESPONSE TO (1) (a) (ii)**

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| **CEF (SOC) Ltd – IT Systems Upgrades** |

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| --- | --- | --- | --- | --- |
|  |  **(d)** | **(a)** | **(c )** | **(b)** |
|  | **IT System /Infrastructure** | **Date / Year Upgraded** | **Contract Value**  | **Name of Implementation Partner / Service Provider**  |
| 1. | Acctech (BPM & VRM) for CEF  | 0ct 2016 | R400,000.00 | Acctech Systems  |
| 2. | IDU Concepts (Budgeting) | July 2016 | R22,000.00 | IDU |
| 3. | Telephone system upgrade and Skype for Business Implementation  | June 2018 | R1,650,617.58 | EOH |
| 4. | SharePoint 2016 | September 2018  | R553,000.00 | Global Computing & Telecoms |
| 5. | Boardview Implementation | Aug 2017 | R264,900.00 | Gijima  |
| 6. | Microsoft Exchange and AD upgrade | November 2017 | R495,000.00 | EOH |
| 7. | Network Cabling | August 2016 | R433,458.52 | EOH |
| 8. | Video Conference System  | Feb 2018 | R1,489,998.24 | Shellard Media  |
| 9 | Internet Service Provider | Feb 2018 | R 582,337.00 | MTN |
| 10 | Corporate Screen Savers | Aug 2018 | R 44,428.18 | Nth Dimension |
| 11 | Firewall Management | Aug 2018 | R 332,594.40 | Galix |
| 12 | Cibecs Desktop backup software | Nov 2017 | R 319,969.50 | Leishan IT |

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| **PetroSA – IT Systems Upgrades** |
|  | **(d)** | **(a)** | **(c )** | **(b)** |
|  | **IT System**  | **Date / Year Upgraded** | **Contract Value**  | **Name of Implementation Partner/Service Provider**  |
|  **1** | Implementation of Hyper-Converged Platform for Virtualization (DELL/EMC VXRail)  | September 2018 | R4,627,317 | BCX and DELL/EMC |
| 2 | DELL Server Infrastructure (5 x R440 Servers) | August 2018 | R500,000 | Gijima |
| 3 | ProSource Front Office 2013 | November 2018 | $25,954 | Schlumberger |
| 4 | Windows 10 and MS Office 2016 upgrade | October 2018 (still in progress) | Nil | Gijima |
| 5 | Active Directory 2016 upgrade | July 2018 2018 (still in progress) | Nil | Gijima |

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| **SFF - IT Systems Upgrades** |
|  | **(d)** | **(a)** | **(c )** | **(b)** |
|  | **IT System / Infrastructure** | **Date / Year Upgraded** | **Contract Value**  | **Name of Implementation Partner/Service Provider**  |
| 1. | AccTech Systems | Oct-15 | R756, 863.10 | AccTech |
| 2. | Business Process Management | Jul-18 | R286, 806.10 | AccTech |
| 3. | Microsoft licenses | Jul-05 | R86, 037.00 | Introstart |
| 4. | Dell IT Infrastructure | Mar-16 | R2,230, 700.34 | Dell |
| 5. | Telephones System | Aug-16 | R443, 865.10 | VOX |
| 6. | Firewall | Feb-16 | R499, 519.10 | Reportstar |
| 7. | VMware(1yr) | Jul-18 | R15, 756.10 | Isquered |
| 8. | Veeam Backup(3yrs) | Aug-17 | R33, 702.10 | Pronetwork |
| 9. | Printers | Sep-17 | R15, 066.10 | Xerox |
| 10. | Ysoft(Follow me printer | Oct-17 | R4, 300.10 | Xerox |
| 11. | Antivirus | Jul-18 | R5, 200.20 | BVI Network Security Services |

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| **AE - IT Systems Upgrades** |
|  | **(d)** | **(a)** | **(c )** | **(b)** |
|  | **IT System / Infrastructure** | **Date / Year Upgraded** | **Contract Value**  | **Name of Implementation Partner/Service Provider**  |
|  | * DELL Server Infrastructure
* VMWare
 | March 2011 | R2 500 000.00 | Pro-Networks (DELL Reseller) |
|  | SAP All-in-One for Mining  | August 2012 | R4 500 000.00 | Barnstone |
|  | Arcserve for Cloud-on-Demand remote Disaster Recovery System and backups. | June 2016 | R 290 000.00 | Pro-Networks |
|  | Hosted Internet | March 2014 | R 240 000.00 | MWEB/Ignite |
|  | Hosted Exchange | July 2018 | R 332 364.47 | Nkusi IT |
|  | Weighbridge System | March 2015 | R 918 000.00 | Tontrac System Analytics |
|  | **Isometrix System:*** Enterprise Risk Management (ERM) Module;
* Document Management System Module (DMS).
 | September 2018 | R 583 945.62 | Metrix Software Solutions |
|  | * Vlakfontein Internet;
* VPN Link between Head Office and Vlakfontein Mine
 | March 2011 | R2 051 000.00 | Vlocity Communications |
|  | BEE tool kit. | February 2017 | R 149 000.00 | MPowered-Business Solutions |
|  | Telephone Link and PABX Solution | March 2018 | R 98 000.00 | ST-Solutions |

**CEF GROUP RESPONSE TO (2) (a) (ii)**

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|  | **CEF (SOC) LTD** | **(b)** | **(a)** |
|  | **IT System / Infrastructure** | **Contract Value**  | **Name of Implementation Partner / Service Provider**  |
| 1. | Acctech (BPM & VRM) for CEF  | R400,000.00 | Acctech Systems  |
| 2. | IDU Concepts (Budgeting) | R22,000.00 | IDU |
| 3. | Telephone system upgrade and Skype for Business Implementation  | R1,650,617.58 | EOH |
| 4. | SharePoint 2016 | R553,000.00 | Global Computing & Telecoms |
| 5. | Boardview Implementation | R264,900.00 | Gijima  |
| 6. | Microsoft Exchange and AD upgrade | R495,000.00 | EOH |
| 7. | Network Cabling | R433,458.52 | EOH |
| 8. | Video Conference System  | R1,489,998.24 | Shellard Media  |
| 9 | Internet Service Provider | R 582,337.00 | MTN |
| 10 | Corporate Screen Savers | R 44,428.18 | Nth Dimension |
| 11 | Firewall Management | R 332,594.40 | Galix |
| 12 | Cibecs Desktop backup software | R 319,969.50 | Leishan IT |

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|  | **PETROSA IT SYSTEMS MAINTENANCE**  | **(b)** | **(a)** |
|  | **Maintenance / Support Contract name** | **Contract Value**  | **Service Provider**  |
| 1. | Infrastructure Outsource  | R32,108,763 p/a | Gijima |
| 2. | Infrastructure Outsource (MES & Service Desk) | R20,975,492 p/a | BCX |
| 3 | WAN/Voice Infrastructure Services | R28,868,179 | BCX(Telkom) |

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| **AE - Maintenance & Support Contracts** |
|  | **Maintenance / Support Contract name** | **Year entered into** | **Contract Value**  | **Service Provider**  |
|  | Weighbridge System Support | March 2018 | R 460 per hour (call out fee) | Tontrac |
|  | Cloud-on-Demand remote Disaster Recovery Support | June 2016 | R 290 000.00 | Pro-Networks |
|  | Hosted Internet | May 2018 | R 91 181.76 | MWEB/Ignite |
|  | Hosted Exchange | July 2018 | Part of Annual License fees | Nkusi IT |
|  | **Isometrix System:*** Enterprise Risk Management (ERM) Module;
* Document Management System Module (DMS);
 | September 2018 | R 180 000.00 | Metrix Software Solutions |
|  | VPN, Internet & Maintenance (Vlakfontein Mine) | March 2018 | R 120 000.00  | Vlocity Communications |

**National Energy Regulator of South Africa**

(1)(a) (ii)

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| **(a)(ii) On what date was IT infrastructure upgraded/updated** | **b) name of company contracted to do upgrades** | **c) what was the monetary value of the contract** | **d) what is the name of each IT system that was upgraded** |
| 01 August 2016 | Dataworld (Pty) Ltd | R410, 400.00 | **Licensee Management System** |
| 22 November 2015 | Esri South Africa (Pty) Ltd | R498 600.00 | **Geographical Information System (GIS)** |
| 06 December 2016 | Xtreme Resources CC | R246 240.00 | **NERSA Website** |
| 14 June 2016 | Global Computing & Telecoms (Pty) Ltd | R388 535.05 | **Microsoft SharePoint Document and Records Management System** |
| 29 June 2018 | Microsoft – Microsoft Ireland Operations Ltd | R6 113 960.06 | **Microsoft software licenses** |
| 19 January 2015 | Enterprise Services SA (Pty) Ltd | R5 889 220.03 | **Business Continuity and Disaster Recovery services** |
| 25 January 2017 | Omega Digital Technologies (Pty) Ltd | R138 827.72 | **Audio Visual equipment maintenance services** |
| 06 December 2017 | Electrilabs (Pty) Ltd | R137 185.60 | **Preventative maintenance services** |
| 16 October 2015 | Motswako Office Solutions (Pty) Ltd | R3 499 926.12 | **Supply, Installation & maintenance of multifunctional printers - Rental** |
| 16 October 2015 | Motswako Office Solutions (Pty) Ltd | R4 329 740 | **Supply, Installation & maintenance of multifunctional printers - Rental** |
| 24 February 2016 | Liquid Telecom SA (Pty) Ltd | R471 207.60 | **NeoBroadband Fibre Internet Access** |
| 31 May 2016 | Telkom SA SOC Ltd. | R523 260.88 | **10MB Internet Fibre** |

2(a) (ii)

Nersa currently maintains the Licensee Management System, the Geographical Information system, and the NERSA website.

The following companies are responsible for the maintenance of its IT systems:

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| **Name of company responsible for maintenance of IT systems** | **(b) value of the contract**  |
| Global Computing & Telecoms (Pty) Ltd | R468 000.00 |
| Microsoft  | R6 113 960.06 |
| Enterprise Services SA (Pty) Ltd | R5 889 220.03 |
| Omega Digital Technologies (Pty) Ltd | R138 827.72 |
| Electrilabs (Pty) Ltd | R137 185.60 |
| Motswako Office Solutions (Pty) Ltd | R583 320.48 |
| Motswako Office Solutions (Pty) Ltd | R583 775.80 |
| Liquid Telecom (Pty) Ltd | R471 207.60 |
| Telkom SA SOC Ltd | R523 260.88 |

**National Nuclear Regulator**

1(a)(i) N/A

(ii) IT upgrades are done in accordance with a plan which stipulates which parts of the infrastructure need updates in any particular year. The network was last updated in July 2018 and a new server was purchased in March 2018.

 b) Sizwe did the network and server

 c) R870 000.00 and R378 000.00

 d) Network update and server and storage update

2(a)(i) N/A

ii) Infrastructure upgrades usually contain an ongoing maintenance component as part of the contracts. Networks are maintained by Sizwe, Bytes provides SharePoint Support and VOX provides MPLS support. Other maintenance such as server operations are done in-house.

b) Sizwe – included in contract price, Bytes – R2.4m and VOX – R4.3m

**National Radioactive Waste Disposal Institute**

(1)(a) (ii)

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| **(a)(ii) On what date was IT infrastructure upgraded/updated** | **b) name of company contracted to do upgrades** | **c) what was the monetary value of the contract** | **d) what is the name of each IT system that was upgraded** |
| 2016 | NECSA IT | R24 887.13 monthly | IT (Access to network, resources, security and authorizations) |
| 2016 | NECSA Finance and HR | R6 472.73 monthly | Finance, HR and Payroll |
| N/A | Microsoft Dynamics SL | R22 098.00 | Software License |
| N/A | Aptronics | R48 324.03 | Microsoft Office 2016 |
| N/A | CHM Vuwani Computer Solutions (Pty) Ltd | R19 233.48 | Microsoft Visio Professional 2016 |
| N/A | CHM Vuwani Computer Solutions (Pty) Ltd | R475 591.34 | Microsoft Server software and licenses |
| N/A | CMH Vuwani Computer Soultions (Pty) Ltd | R146 926.83 | Microsoft Server Application and Licenses |
| N/A | Aptronics | R387 201.38 | HPE Rack and Server for file storage, applications and web server |
| N/A | Neo Technologies | R74 916.25 | Network Installation (Cisco Wi-Fi AP and HP Aruba Switch) |
| N/A | CHM Vuwani Computer Solutions (Pty) Ltd | R26 354.18 | Wi-Fi and Network Switching |

2(a)(i) N/A

ii) IT infrastructure in relation to internet services, finance, HR and payrolls services are offered and maintained by NECSA IT and NECSA finance and HR. NECSA is paid monthly for these services.

Other maintenance such as server operations are done in-house.

b) NECSA IT is paid R24 887.13 monthly for their IT services and NECSA finance and HR are paid R6 472.72 monthly for finance, HR and payroll services.

**South African National Energy Development Institute**

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| **(a)(ii) On what date was IT infrastructure upgraded/updated** | **b) name of company contracted to do upgrades** | **c) what was the monetary value of the contract** | **d) what is the name of each IT system that was upgraded** |
| 2013 | Dell Inc | R2 058 293.00 | **New IT Infrastructure hardware** |
| 2018 | Dell Inc | R2 635 426.00 | **New Storage Device** |

2 (a)(ii) SANEDI currently oversees its own maintenance with regards to internal applications.

 Resolve Immix is a SANEDI partner that oversees its Microsoft Dynamics AX 2012 ERP system.

 (b) The Resolve Immix contract is R586 385.00.

**South African Nuclear Energy Corporation**

**1(a)**

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| --- | --- | --- | --- |
| **(ii) On what date was IT infrastructure upgraded/updated** | **b) name of company contracted to do upgrades** | **c) what was the monetary value of the contract** | **d) what is the name of each IT system that was upgraded** |
| August 2018 | Business Connexion (Pty) Ltd | R156 036.32 | **HR – ResourceLink\*** |
| July 2018 | Aptronix (Pty) Ltd | R1 225 764.18 |
| July 2018 | NGA Africa (Pty) Ltd | R486 437.14 |
| March 2018 | Profound Project Control (Pty) Ltd | R438 446.02 | **Finance – Microsoft Dynamics SL\*** |
| June 2018 | Datacentrix (Pty) Ltd | R296 142.91 |
| 17 October 2017 | Business Connexion (Pty) Ltd  | R114 056.63 | **Microsoft License fees for servers** |
| 16 October 2017 | Datacentrix (Pty) Ltd | R416 098.14 | **Isometrix (Servers for Isometrix)** |
| Tender confirmed with SLA dated 28 February 2018 | Metrix Software Solutions (Pty) Ltd | R2 828 373.00 |
| June 2018 | Aptronix (Pty) Ltd | R680 000 | **Wifi**  |
| August 2018 | Pronetworks | R15 900 | **VPN** |
| May 2018 | Pronetworks | R94 790 | **Firewall** |
| June 2018 | Galix Networks | R82 141 | **Barracuda Proxy** |
| June 2018 | Infrasol | R41 100 | **Disk Encryption** |
| April to October 2018 | Various Suppliers | R120 000 | **Network switches** |
| April 2018 | Hextreme | R280 000 | **SharePoint** |

2(a)(ii) NECSA maintains all IT systems internally apart from DRL (an HR System) and Microsoft Dynamics (Financial system)

 Microsoft Dynamics – Profound Project Control

 DRL – North Gate Arinso

 (b) Hourly rates of R925 per hour (fixed rate) and R1 031 per hour (ad-hoc rate) apply for 2018/19 for Microsoft Dynamics.

 For North Gate Arinso, the hourly rates for 2018 are R890.00.