

Hydrogen production in Africa gets a nudge

Using the continent's sun could help secure cheap energy worldwide



Harnessing Africa's solar energy to mass produce hydrogen. / Gallo Images

Harnessing Africa's solar energy to produce 50-million tons of green hydrogen a year by 2035 can help secure global energy supply, create jobs, decarbonise heavy industry, enhance global competitiveness and transform access to clean water and sustainable energy.

The analysis was commissioned by the European Investment Bank, the International Solar Alliance, and the African Union, with the support of the Government of Mauritania, HyDeal and UCLG Africa, according to EIB Press.

The "Africa's Extraordinary Green Hydrogen Potential" report represents the first detailed research of the feasible

development of green hydrogen across the continent. The study combines analysis of investment opportunities focusing on three hubs: Mauritania, Morocco, southern Africa and Egypt with a roadmap of technical, economic, environmental and financial solutions to unlock commercial development.

"Africa's has the best solar energy in the world and transforming solar power into green hydrogen can strengthen energy security, cut emissions and pollution, and decarbonise industry and transport.

"The bank is working with partners across Africa and around the world to harness its renewable energy potential to produce low-cost green hydrogen at scale.

"The report shows concrete opportunities to transform access to green energy and clean water across the continent and beyond," said Abdessalam Ould Mohamed Salah, Minister of Energy of the Republic of Mauritania.

The bank is pleased to work with African and international partners to enable large scale green hydrogen to become a reality, the bank's

vice-president Ambroise Fayolle said.

"Solar photovoltaic technology has provided us with the cheapest electricity.

"It will cost below €2 per kg in several African countries by 2030, a stark contrast to the \$60-70 paid for an oil barrel," said Dr Ajay Mathur, director general at International Solar Alliance. — EIB Press

We welcome applications from persons with disAbilities. ♿

SAPS VACANCIES

The South African Police Service (SAPS) is advertising the following vacancies within the Directorate For Priority Crime Investigation (DPCI)

1. NATIONAL LEVEL (HEAD OFFICE, PRETORIA)

1.1. Post Title: Component Head: Priority Crime Specialised Investigation (At the level of a Major General – Salary Level 14)
Office: Directorate for Priority Crime Investigation, National Office
Level of remuneration: Band B (SMS) = An all-inclusive flexible remuneration package of R 133 1601.00 per annum is applicable to the post
Post reference: DPCI/SMS/HO/01/2023, Head Office

1.2. Post Title: Section Head: Investigative Accounting (at the level of Brigadier – Salary Level 13)
Office: Directorate for Priority Crime Investigation, National Office
Environment: Forensic Accounting Investigation
Level of remuneration: Band A (SMS) = An all-inclusive flexible remuneration package of R 112 5291.00 per annum is applicable to the post
Post reference: DPCI/SMS/HO/02/2023, Head Office

1.3. Post Title: Section Head: Cybercrime Investigation (at the level of Brigadier – Salary Level 13)
Office: Priority Crime Specialised Investigation, Head Office
Level of remuneration: Band A (SMS) = An all-inclusive flexible remuneration package of R 112 5291.00 per annum is applicable to the post
Post reference: DPCI/SMS/HO/03/2023, Head Office (Re-advertisement)

2. PROVINCIAL LEVEL

2.1. Post Title: Provincial Commander: Corporate Support Services (at the level of Brigadier – Salary Level 13)
Office: Directorate for Priority Crime Investigation, Provincial Office
Environment: Corporate Support Services
Level of remuneration: Band A (SMS) = An all-inclusive flexible remuneration package of R 112 5291.00 per annum is applicable to the post
Post reference: DPCI/SMS/WC/04/2023, Western Cape (Re-advertisement)

Application forms may be hand delivered to the Directorate for Priority Crime Investigation at 1 Cresswell Road, Promat Building, Silverton (between 07:30 and 16:00), or may be couriered to (please note that in the event that an application is couriered, it must be received at the indicated office before or on the closing date and time specified in this advertisement):

The Directorate for Priority Crime Investigation
Section Head: Human Resource Management and Development
Private Bag X1500
SILVERTON
0127

3. Applications must be couriered/hand delivered timeously.
Late applications will not be considered. It is the responsibility of the applicant to ensure that the application has been received at the indicated office on or before the closing date and time of the advertisement i.e. 2023-01-20 at 16:00

4. Enquiries can be directed to:
Brigadier MB Monyela and Lt Colonel BK Mhlhlo at telephone number: (012) 846 4211 / 4067

Act of Appointment: SAPS Act, 1995 (Act No 68 of 1995)

NB: For a detailed advertisement, please visit the South African Police Service website on:
<https://www.saps.gov.za>

Interested applicants should submit their applications on the SAPS official application form (which can be downloaded from the SAPS website) together with the required documentation, to the address provided in the advertisement.

Closing date: 20 January 2023 at 16:00.

The Directorate for Priority Crime Investigation is under no obligation to fill a post after the advertisement thereof.

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RE-ADVERTISEMENT

ASSISTANT DIRECTOR: FINANCE SL9

SALARY: R393 711 PER ANNUM (EXCLUDING BENEFITS)

REFERENCE NUMBER: EEC-FIN-01/2021 PERMANENT

Minimum Requirements: An appropriate National Diploma/Degree in Financial Management/Accounting. 3-5 years' experience in finance. At least 2 years supervisory experience. 2 years' experience in ITS is an added advantage. Computer literacy. A valid driver's licence.

Competencies, Knowledge and Skills: Knowledge of the Public Finance and Management Act (PFMA). Treasury regulations. Policy analysis/development. Knowledge of GRAP and IAS-IFRS and including any other related legislation. Good Written and verbal communication skills. Good problem solving skills, research skills, Planning & Organising, Analytical skills, Report writing skills, Leadership skills, Presentation and Facilitation skills.

Duties and Responsibilities: Prepare and manage the College budget. Monitor the budget on monthly basis. Compile a consolidated budget report for approval by the Deputy Principal: Finance (CFO). Assist in the preparation of financial statements for the College. Implement policies and procedures as well as internal control. Generate income statement, balance sheet and cash flow as per regulatory standards. Monitor payments made to SARS. Improve the working capital by managing the cash, debtors and creditors. Ensure all balance sheet control accounts are reconciled on monthly basis. Manage turn-around times for payments and receipts. Prepare and submit working capital performance measurement reports. Review the payroll related payments. Ensure that all EMP201 (SARS related payments) are reconciled monthly. Prepare reports by compiling summaries of earning, taxes, deductions, leave, disability and non-taxable wages. Prepare a year-end audit for the College. Complete and distribute audit management plan to all relevant staff members. Ensure that all reconciliation files are signed and updated. Minimize the previous year's audit findings. Ensure that trial balance is updated. Process financial transactions on the College's MIS (ITS). Comply with DHET College policies and procedures.

ASSISTANT DIRECTOR: INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) SL 9

SALARY: R393 711 Per Annum (Excluding Benefits)

REFERENCE NUMBER: EEC-ICT-01/2022 PERMANENT

Minimum Requirements: An appropriate Grade 12 / Matric Certificate, 3 year Diploma / Bachelor's Degree (NQF 6) in Information Technology or related qualification, 3-5 years working experience in IT environment. A valid driver's license. 1-2 years supervisory experience.

Competencies, Knowledge and Skills: Knowledge of computer hardware, software and programmes. Knowledge of policies and governance in TVET Colleges environment including knowledge of the annual reporting requirements by the Higher Education Institutions, Knowledge and understanding of Corporate ICT principles, Knowledge and understanding of the monitoring of performance management system, Knowledge and understanding of the ICT policies and relevant legislation. Administer computer hardware, software and network, Planning and organizing, financial management, Report writing, Communication and interpersonal relations, Problem solving, Computer literacy, Analytical, Client oriented, Project management, Team leadership, Planning and organizing, People and Diversity management. Client service focus, Integrity, Committed, Proactive, loyal. Knowledge of hybrid cloud computing. Knowledge and understanding of techniques and procedures for the planning and execution of IT operations.

Duties and Responsibilities: Develop, review and monitor the implementation of Information Communication Technology (ICT) policies; Conduct research regarding national and provincial policy framework, legislation, collective agreements, internet, relevant readings etc. Ensure consultation process of draft policies with all relevant stakeholders, Ensure that all new ICT policies are communicated to all staff. Ensure the development, establishment of appropriate E-governance and ICT policies, frameworks and standards. Implement, enforce, and ensure adherence of ICT policies and procedures to all campuses. Ensure that appropriate policies and processes are put in place for risk management. **Information System Management;** Administer and monitor IT Security and Electronic access, Establish systems to safeguard hardware and data, Perform system backups. **Network Management and Maintenance;** Research and develop specifications for LAN and WAN technologies according to the college's requirements, Procure LAN and WAN technologies, Distribute LAN and WAN access to students and staff according to college policy and needs, Set-up, manage and maintain WAN, LAN, E-mail and internet connections to all college sites. Troubleshooting, resolving and documenting all ICT related issues. **ICT software and hardware Maintenance;** Research and develop plans for software and hardware products required for technologies and systems which will enable the college's core business, support functions and programs, Advice on Procurement of college software and hardware according to the college's needs, Distribute software and hardware for use by students and staff according to the college's policy and needs, Maintain and monitor the software and hardware system, reports on redundant hardware and software and advises on updating. Keep up to date with the latest developments of hardware and software in education. Manage all licensing of software that the college is using and ensure that they are valid and appropriate. **Provision of intranet and network services;** Assist with the procurement of intranet and internet products and services according to the college's needs.

Ensure access of intranet and internet in the colleges. Ensure that the college website is continuously updated with current information. **Management of all Human, Financial and other resources of the unit, comply with College Policies and Procedures.** Ensure maintenance and support including modernization of ICT server infrastructure. Develop technical designs for the migration to the cloud. Ensure the provisioning and managing of cloud services to modernize ICT infrastructure.

ASSISTANT DIRECTOR: SUPPLY CHAIN MANAGEMENT SL 9

SALARY: R393 711 Per Annum (Excluding Benefits)

REFERENCE NUMBER: EEC-SCM-01/2022 PERMANENT

Minimum Requirements: An appropriate Grade 12 / Matric Certificate, Bachelor's Degree (NQF 7) Qualification in Finance, Logistics, Supply Chain or Procurement. 3-5 years' experience in Supply Chain Management and public sector procurement; Proven experience in managing Supply Chain Management staff, Operational, financial management, Governance, ethics and values in financial management and performance reporting. A valid driver's license. 2 - 3 years supervisory experience.

Competencies, Knowledge and Skills: Knowledge of Public Finance Management Act (PFMA), National Treasury's supply chain management guidelines, Treasury Regulation, Instructions Notes and Supply Chain Management Practice Notes, Preferential Procurement Policy Framework Act (PPFFA), Broad Based Black Economic Empowerment (B-BBEE) Act, Understanding and knowledge of the Supply Chain, Management cycle which includes demand, acquisition, logistics, disposal and supplier relationship management, Computer Literacy. Communication skills, Problem-solving skills, Customer service orientated, Interpersonal skills, Integrity, Accountability, Monitoring and reporting, Confidentiality, fairness, respect, honesty and proactiveness.

Duties and Responsibilities: Procurement of goods and services; Provide revision on summary of quotation, specifications and all documents supplied by the suppliers in order to comply with prescribed requirements; Ensure sourcing of quotations from an accredited suppliers through College Database; Ensure arrangement and co-ordination of briefing sessions where necessary; Conduct a supplier evaluation; Implement procurement policies and procedures in line with relevant prescripts and legislations. Facilitate generation of purchase orders, submission for approval and submission of an approved purchase order to the relevant parties; Facilitate the receipt of goods through the MIS and submission to finance department. **Tender Process Administration;** Facilitate the recording of goods requisition from the initiator on the requisition register; Ensure submission of the specification to the Bid Specification Committee and submission to finance department for budget purposes; Verify the tender advert before submission to the media; Facilitate arrangement and co-ordination of tender briefing sessions and preparation of attendance register; Verify proof of payment from suppliers before issuing a tender document; Ensure preparation of a tender document upon receipt from tender bid specification committee. **Administration of Evaluation Process and Adjudication Process;** Facilitate the reconciliation submission register with the tender documents received; Facilitate preparation of logistics including a registers and stationery for the Evaluation and Adjudication Committees; Ensure updated tender file regularly and serve as an observer in the Evaluation and Adjudication Committee; Facilitate preparation and submission of appointment letters for review. College Database Administration; Verify a prepared submission that request approval for inviting suppliers; Verify the prepare advert before submission to the media; Ensure the verification of supplier's documents for compliance; Submit all recorded supplier documents for recommendation; Facilitate regular updates of database for approved suppliers; **Provision of administrative support to the department and comply with College policies and procedures;** Comply with relevant college policies and procedures; Provides reports relating to procurement; Submit performance assessments within prescribed due dates; Ensure keeping of records relating to procurement; Plan for the training and development of staff in line with PDP's; Conduct regular SCM Department staff meetings. Participate in the financial year-end preparation process. **Management of all Human, Financial and other resources of the unit, comply with College Policies and Procedures.**

CLOSING DATE: 31 JANUARY 2023 at 10:30. Applications received after the closing date emailed or faxed applications will not be considered.

Please Note: Applications must be submitted on a form Z83 obtainable from any Public Sector Department/TVET College. Disabled people are encouraged to apply. The reference number and the post title must be quoted on the Z83 which must be originally signed by the applicant. Candidates must also submit comprehensive curriculum vitae, certified copies of identity document and all qualifications including matric certificate. Certified copy of the drivers licence, where required, must be provided. All qualifications obtained from institutions outside South-Africa should be accompanied by certified copies of SAQA certificate. Clearly indicate the experience where applicable (DD-MM-YYYY). Successful candidate will be subjected to security screening. Applications must be delivered to Ekurhuleni East TVET College, Sam Ngema Road, Kwa - Thema or posted to Private Bag X52, Springs 1560, for the attention of the HR Manager. Applications will not be acknowledged and if you do not receive any response within 3 months after the closing date, please accept that your application was unsuccessful. The College is an affirmative action employer!

ENQUIRIES: Mr. T Matsaba Tel. No. (011) 730-6600.