PROFESSIONAL PROFILE OF QS DR. RASHEED ABDULKADIR SHEHU

Synopsis:

QS Dr. Rasheed, Abdulkadir Shehu is a professionally trained and registered Quantity Surveyor with over 25 years of cognate experience in the Nigerian Construction Industry. Similarly, he possesses substantial teaching and research experience spanning over 15 years. Primary practice and interest areas are Construction Management; Project Commercial Management; and Sustainability Consultancy. Qs Abdulkadir is proficient in deploying Web-based Project Management Systems and conversant with Quantity Surveying, Planning & scheduling software. QS Abdulkadir is the current Secretary Professional Development and Library of the Nigerian Institute of Quantity Surveyors (NIQS) where over the years he organized the planning of a number of workshops, conferences, training and certification events. He has served the NIQS in several committees both at the state and national levels, he is the Chairman of the Professional Development and Technical Committee of the National Executive Council (NEC). He is currently a teaching and research staff at the University of Ilorin, Nigeria and the Lead Consultant of Construction Project Vortex Ltd, a cost and sustainability consulting firm.

1.0 Personal Data.

- Name: RASHEED, Shehu Abdulkadir.
- Date of birth: 13TH September 1972.
- Place of birth: Kaduna State.
- State of Origin: Kwara State
- Sex: Male.
- Nationality: Nigerian.
- Permanent Home address: M4, Mandate 3 Housing Estate, Ilorin.
- Contacts: Cell Phone No: +234809-155-1476, +234806-951-4106,
  E-Mail Address: provortexconsultants@gmail.com

2.0 Educational Institutions Attended.

- Secondary:
  Command Secondary School, Ibadan, Nigeria [1985 –1989]
- University:
  Ahmadu Bello University, Zaria, Nigeria [1990 –1997]
- Certificate:
  University of Ilorin, Ilorin, Nigeria [2006 - 2007]
- Post Graduate:
  University of Lagos, Akoka, Lagos, Nigeria [2014 - 2016]
  Federal University of Technology Minna, Minna, Nigeria [2020 - 2025]

3.0 Academic qualifications.

- Secondary: [December 1989] - West African Examination Council - [O' levels]
- University: [January 1998] - Bachelor of Science [Quantity Surveying]
- Certificate: [March 2007] - Certificate in Data Processing & Mang. Info. System
- Post Graduate - Masters: [June 2017] - M.Sc. Construction Management
  PhD: [August 2025] – PhD Quantity Surveying

4.0 Professional Qualifications.

- Professional Diploma of Nigerian Institute of Quantity Surveyors - No: 2279. (2011)
- Fellow of the Nigerian Institute of Quantity Surveyors. (2024)
- Registered Quantity Surveyor with Quantity Surveyors Registration Board of Nigeria - No: 1741. (2012)
- Certified Carbon Assessment Professional – Green Building Council Nigeria. (2024)

5.0 Working Experience.

- University of Ilorin, Ilorin – Nigeria - Lecturer – Department of Quantity Surveying. [April 2016 Till Date]
- Arshbak Projects & Properties Limited, Arshbak Group - **Ilorin - Kwara State**: Chief Executive Officer – [2014 – 2016]
- Kwara State University, Malete - Works & Physical Planning Department: Quantity Surveyor – Civil Building Unit. [2010 – 2014].
- Kwara State Polytechnic – Institute of Environmental Studies, Lecturer III – Department of Quantity Surveying. [April 2006 – September 2010] & [Part–Time 2010 - 2014].
- Turnkey Kapital Projects, Resident Quantity Surveyor - Taiwo Rd, Ilorin, Kwara State [February 2001 – April 2006].
- Olusola Adekanola & Company – Kwara Unit, 36 Oro Road, Ilorin, Consultant Trainee ii – A.R.G [April 2000 – January 2001].
- University of Uyo – Faculty of Environmental Studies, Uyo, Akwa Ibom State, Nigeria. Graduate Assistant [Part time] – Department of Quantity Surveying. [May 1998 – March 2000].
- Bureau of Local Government Affairs – Governor's office, 8 Ukpon Street, Uyo, Akwa Ibom State, Nigeria. Quantity Surveyor II – Tenement and Projects Department. [NYSC, February 1998 – February 1999].

6.0 Executive Positions & Service

Executive Positions:

- **General Secretary:** Nigerian Institute of Quantity Surveyors (NIQS), Kwara State Chapter [November 2015 – November 2017]
- **Co-opted Senate Member:** Nigerian Institute of Quantity Surveyors (NIQS), Kwara State Chapter [November 2017 – November 2019]
- **Deputy Chairman:** Nigerian Institute of Quantity Surveyors (NIQS), Kwara State Chapter [November 2019 – November 2021]
- **Chairman:** Nigerian Institute of Quantity Surveyors (NIQS), Kwara State Chapter [November 2021 Till Date]
- **Zonal Representative & Member of Council**: North-Central Zonal Representative and Member of the National Executive Council (NEC), Nigerian Institute of Quantity Surveyors (NIQS). [November 2021 - 2023].
- **Secretary Professional Development and Library**: Nigerian Institute of Quantity Surveying (NIQS) National Executive Council (NEC). [2023 – 2025]

Committee Services:

- Chairman of Membership Committee NIQS-Kwara State Chapter [Nov. 2015 – Nov. 2017].
- Chairman of General-Purpose Committee NIQS-Kwara State Chapter [Nov. 2019 – Nov. 2021].
- Member of Education and Training Committee NIQS-National Executive Council [Nov. 2021 – 2023]
- Assessor for Log-book and Dairy Assessment Exercise – Nigerian Institute of Quantity Surveyors [2021 – 2023].

- Member – Faculty of Environmental Sciences Research Committee, University of Ilorin, Nigeria [2020 - 2025].
- Chairman Professional Development and Technical Committee of the Nigerian Institute of Quantity Surveyors [2023 – 2025]

7.0 Previous and Current Research Work.

Completed Dissertations

- Development of a Cost-based Knowledge Management Model for Cost Performance in Small and Medium Construction Enterprises in Nigerian.
  PhD. Research in the Quantity Surveying Department, Federal University of Technology, Minna, Nigeria (July, 2025).

- Construction Professionals Proficiency and Use of Planning Software for Construction Project Delivery in the FCT – Abuja, Nigeria.
  M.Sc. Research in the Building Department, University of Lagos. Akoka, Lagos, Nigeria, (Feb. 2016).

- Building Project Procurement Options in Nigeria.
  B. Sc. thesis submitted to the Quantity Surveying Department, Ahmadu Bello University. Zaria, Nigeria, (Nov. 1997).

Publications (Journal Articles Published):

- **Rasheed, A. S**., Oyewobi, L. O., Ola-Awo, W. A., & Oke, A. A. (2024). Impact of Cost-Based Factors on the Deployment of Cost-Based Knowledge Management in Nigerian Construction Firms. ***Journal of Environmental Spectrum,*** 4(1), 42-56.

- **Rasheed A. S**., Adebiyi R. T., Amuda-Yusuf G., & Suleiman S. (2023) Drivers and barriers of using web-based asynchronous communication tools for monitoring construction projects: ***Journal of Engineering, Project and Production Management*** 13(2), 93-103.

- **Rasheed A. S.,** Adebiyi R.T. (2020). Adoption of Web-based Project Management Systems for Construction Project Delivery. ***International Journal of Information Processing and Communication (IJIPC)***. 8(1), pp. 79-91

- **Rasheed A. S.**, Adebiyi R. T., Olowa T. O. & Musa N. A. (2020) Organizational Performance Measurement of Nigeria Indigenous Contractors Using Key Performance Indicators. ***ENVIRON- Journal of Environmental Studies.*** 2(1) 34 – 45.

- **Rasheed A. S**., Adebiyi R.T., Musa N.A. (2019). Application of Knowledge Management by indigenous contracting firms for construction project delivery.

Uniosun Journal of Engineering and Environmental Sciences, Faculty of Engineering and Environmental Sciences, Osun State University, Osogbo. 1(1), pp. 75–85.

- **Rasheed A. S**. (2018). Construction professionals' perception on proficiency and use of planning software for construction project delivery in Abuja, Nigeria. ***Journal of Environmental Spectrum*****,** Faculty of Environmental Sciences, University of Ilorin, 2(1), pp. 140–154.

Edited Conference Proceedings:

- **Rasheed, A. S**., Oyewobi, L.O, & Ola-Awo, W. A. (2024). Assessing Cost-Based Factors Inhibiting Adoption of Knowledge Management Cost-Based Models in Nigerian Construction Firms. ***Proceedings of the 5th School of Environmental Technology International Conference (SETIC 2024)***, Ogunbode, E. B., Ajayi, O. G., Kemiki, O. A. (eds.), 2(2024), 71 – 77.
- **Rasheed A. S.,** Adebiyi R. T. (2019). Influence of Web-based Project Management Systems on Project Delivery. Proceedings of the 1st International Conference of Environmental Sciences (ICES – 2019), held on the 29th – 30th April 2019 at the University of Ilorin, Main Campus, Ilorin.
- **Rasheed A. S**., Adebiyi R.T. (2019). Assessment of Factors Affecting Software adoption and their Usage for Construction projects on University of Ilorin TETfund Projects. Proceedings of the Environmental Design and Management International Conference (EDMIC - 2019) on Drivers and Dynamics of Change in the Built Environment, 20th – 23rd May 2019 held at the Obafemi Awolowo University, Ile-Ife.

8.0 Extra-Curricular Interest

Swimming, Golfing, Reading, Traveling & Martial Arts

MANIFESTO OF QS DR RASHEED ABDULKADIR SHEHU FOR SECRETARY PROFESSIONAL DEVELOPMENT AND LIBRARY (SPDL)

Building on the successes recorded in the last two years, when re-elected into office, the Secretary Professional Development and Library (SPDL) of the Nigerian Institute of Quantity Surveyors (NIQS) will expand activities in the following areas: 1. Professional Development; 2. Research and Training and; 3. Library.

The following will constitute key deliverables within the tenure:

1. Professional Development

In recent times, professional capacity has been enhanced through zonal and national workshops and conferences. Similarly, certification programs were organised which primarily leaned towards new competences such as the Certified Carbon Assessment Professional (CCAP) and the Excellence in Design for Greater Efficiency Certification (EDGE). In addition to the continuation of these certifications, professional development will look at developing core cost management competencies through hands on practical training and internships with industry leaders in the following areas:

(i) Mechanical, Electrical and Plumbing Installations:

Quantity Surveyors play a crucial role in managing construction project costs, ensuring accurate budgeting, and optimizing project value. With the increasing complexity of building services, MEP systems have become a significant component of construction projects. To effectively manage these projects, Quantity Surveyors require specialized knowledge and skills in MEP services.

Therefore, specialised training will focus on:

(a) MEP Fundamentals: Understanding MEP systems, components, and design principles.

(b) Cost Estimation and Management: Learning MEP-specific cost estimation and management techniques.

(c) Collaboration and Communication: Developing skills to effectively collaborate with MEP professionals and stakeholders.

(d) Industry-Specific Software: Familiarity with MEP-related software and tools, such as Autodesk Revit MEP or MagiCAD.

(ii) Transportation Infrastructure:

Roads, bridges, railways, tunnels and airport transportation infrastructure has always been a critical area that requires cost management expertise. The professional

development of Quantity Surveyors will focus in this direction again because of the growing demand for transportation infrastructure development. Quantity Surveyors require specialized knowledge and skills to effectively manage transportation projects.

Therefore, specialised training workshops will be organised to focus on:

(a) Contract forms: Understanding the forms of contract employed for transportation infrastructure projects.

(b) Transportation Infrastructure Fundamentals: Understanding transportation infrastructure projects, including roads, bridges, railways, and airports.

(c) Cost Estimation and Management: Learning transportation-specific cost estimation and management techniques.

(d) Contract Management: Familiarity with contract types, such as design-build and public-private partnerships (PPPs), commonly used in transportation infrastructure projects.

(e) Industry-Specific Software: Knowledge of software and tools, such as cost estimation and project management software, used in transportation infrastructure projects.

(iii) Lucrative Industry Diversifications:

Quantity Surveyors have traditionally focused on construction projects in the built environment. However, our skills in cost management, contract administration, and project management are transferable to other industries that require infrastructure development, such as agriculture, entertainment, and heavy engineering.

Therefore, professional development will look at trainings that will improve Quantity Surveyors knowledge base in:

(a) Industry Knowledge: Understanding the specific requirements and challenges of each industry.

(b) Cost Management: Applying cost management principles and techniques to new industries.

(c) Contract Administration: Managing contracts and agreements in diverse industries.

(d) Project Management: Coordinating and managing projects in new industries.

These proposed programs highlighted above will be conducted along the ongoing review of the Professional Development Policy (PDP) which was developed in 2012.

2. Research and Training

Similar to the PDP, the existing Research Policy is already undergoing a review. This will be completed within this tenure. In addition:

(i) The need for the NIQS to contribute meaningful data to the National Development Statistics is key. Upon complete upload of the ongoing cost-databank of the NIQS, this can be realised.

(ii) Translating institutional research to practice has not been sustainably practised by the NIQS. It is believed that with a Research Committee and a research desk officer, there will be collaborations with universities and polytechnics to harness practical research, source funds and transmit such research to practice. This will enhance many practices and reduce the reinvention of the wheel.

(iii) Hands-on training to acquire contemporary skills is a cornerstone for professional excellence. Short-term but adequate training sessions will be developed and promoted on an annual basis. This will address specific skill and knowledge areas such as software applications for quantity surveying, web-based project management systems, and Building Information Modelling.

3. Library

As proposed earlier, the need for a library is important because It is believed that the NIQS should be a researcher's hub and repository of knowledge. In the current administration, the NIQS inaugurated a Library Committee and a space has been provided for the library project. It is believed that with the expansion of the NIQS web bandwidth, the e-library project can be hosted.

In addition to all stated above, when elected, the office of the SPDL will continuously improve on the current activities that have added visibility to the profession of Quantity Surveying such as:

- The webinar series.
- Collaboration with construction industry players such as the Green Building Council Nigeria, EDGE, Federation of Construction Industry, and the BIG 5 CONSTRUCT.

It is important to state that the SPDL when elected into office will continue to work with all state chapter Research and Development Secretaries to foster robust relationships in order to enhance prompt approval of CPDs and forming research and development agenda for the chapters. A forum of R&D secretaries has been created and it is enhancing information flow and research & development related discussions.

Thank You.

QS Dr. Rasheed, Abdulkadir Shehu FNIQS, CCAP