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DPWI CELEBRATES YOUNG PROFESSIONALS AT DESIGN EXPO



public works & infrastructure

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Public Works and Infrastructure
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Salutations!



Welcome to the first **Special Edition of WorxNews** for the year. The beginning of a new year encourages one to continue with good practices, change undesired practices, accomplish personal goals or ultimately change their behaviour and personality.

In this **Special Edition of WorxNews**, we focus on the work that the Engineering Services does in order to steer the prime mandate of the Department of Public works and Infrastructure (DPWI). The Engineering Services Unit is under the Projects Management Office branch of the department. One of the prominent purposes of the Engineering Services Unit is to provide civil, architectural, structural, electrical and mechanical engineering, as well as quantity surveying services to DPWI's client departments.

In this **Special Edition of WorxNews**, you can read up on how the Engineering Services has collaborated with the Human Capital Investment Unit, which operates under the department's Professional Services Branch, in order to capacitate young professionals that are in the department seeking their professional status, while also providing engineering and architectural services to client departments by using in-house design.

In this copy, you can also read up on the annual Design Expo and Awards that the Engineering Services held in Johannesburg for young professionals and you will get to meet the winners of various design categories of the awards ceremony.

Throughout the copy, you will get to read some opinion pieces, written by young writers in the Communications and Marketing Chief Directorate and see where they drew inspiration from the Engineering Services Design Expo.

I would like to thank the entire team from the Engineering Services and the Human Capital Investment Unit for allowing us (the Communications and Marketing team), to profile them and their unit. I would like to send a special thanks to Mr Michael Tladi, Ms Shirley Bosie, Ms Maria Skosana and Mr Mofulatsi Rampou for their effortless contribution to this publication and for making this a success.

Last but definitely not least I would like to thank all the contributors to this **Special Edition of WorxNews**, Ms Andile Xulu, Ms Hope Motitimi, Ms Tiisetso Nkome, Ms Tinyiko Baloyi, Mr Siphamandla Nyembe, as well as Mr Thabiso Kutu for their never fading work ethic and vigour.

I hope the year brings in hope and prosperity for you all and enjoy this (very) **Special Edition of WorxNews!**

Enjoy the read!

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MR MICHAEL TLADI - THE MAN WITH A PLAN

By: Nolwazi Ndhlovu



MR MICHAEL TLADI

Michael Tladi is the Director for Engineering Services Unit in the Department of Public Works and Infrastructure. He joined the Department in 2018. He is a registered Professional Engineer, specialising in Mechanical and Electrical engineering.

When he first joined the department, he conducted what he calls a 'capacity analysis' in order to gauge the capacity of his staff in delivering services to client departments. The results showed that the unit has capacity challenges. After conducting some research, he says he stumbled upon the then Candidates Programme that the Human Capital Investment Services Unit was conducting, whereby graduates in engineering fields were taken into the department and seconded to external consulting firms to work with registered professionals in various engineering fields so that they can gain practical experience that will allow them to register as professionals.

He says the Candidates Programme sparked an interest in him and that's when he developed what is now known as the Young Professionals Candidates Programme.

Tladi says he approached the HCI Unit to ask them for a chance to interview all the candidates that were under the Candidates Programme. After the interviews, he managed to select candidates he would work with. That was when he also managed to develop the In-house Design Management Programme, whereby the candidates he had chosen worked very closely with him in projects that exposed them to practical work experience. In the process,

Tladi was able to capacitate the Engineering Services Unit for the task of providing engineering services to DPWI's client

departments, something he speaks with great fondness about. In-house Design done by Young Professional Candidates saves the Department money as the work that needed external assistance for service providers before, is now done internally.

Mr Thuthuka Mbhele, the Head of Projects at Durban Regional Office was the first project manager to get on the 'bandwagon' when Tladi introduced In-house Design. Their first project was worth plus minus R67-million which was the design and installation of boilers at one of DPWI's client departments. The project was done by Ms Amina Ismail, who was stationed at Durban Regional Office, however Tladi was the one supervising and signing off the work she was doing. The completion of the project was a major success. The design of the boilers gained international interest.

On a yearly basis, the young professionals present to Michael and the professional engineers from the department at a technical review session. The presentation is based on the work they have done throughout the year so for Michael and his team to evaluate the progress of the candidates and also to match and place them with each other according to their area of strengths so to assist another colleague with weaknesses in that particular area. The success of the project that Ms Amina Ismail worked on, helped the completion of the in-house management manual and more project managers came on board. In 2020, Mr Lindokuhle Phungula, was the first Young Professional to receive professional status with ECSA and in no time, Young Professional Candidates were being placed in various DPWI Regional offices all over the country, assigned to project managers and Chief Engineers. The continued success of using in house design through Young Professional Candidates expanded to what it is today.

In efforts to encourage the Young Professionals to keep doing their best at work and to keep their energies up, Michael then came up with the In-house Design Expo, where Young Professionals are nominated by project managers and their Supervisors in various categories. Once nominated in a category, the young professionals will then prepare a presentation, based on the particular project she/he worked on to get the nomination. The presentation is a sum up of the project i.e, where was the project done, their thought process in the design, the brief they received from the client before design etc.

On the first day of the design expo, nominees of the various categories present their work to various stakeholders that are invited to the expo. Stakeholders vote for their top two for each category and then the finalists are announced. On the 2nd day of the expo, the finalists then go head to head by presenting to a panel of judges as to why they deserve to win in the category they are in and then the panel vote on their favourite for each category. Once votes are tallied up, the results are revealed and the winners are announced.

Michael says the Design Expo Awards is a small and fun way for the young professionals to showcase their skills and also create healthy competition between them,

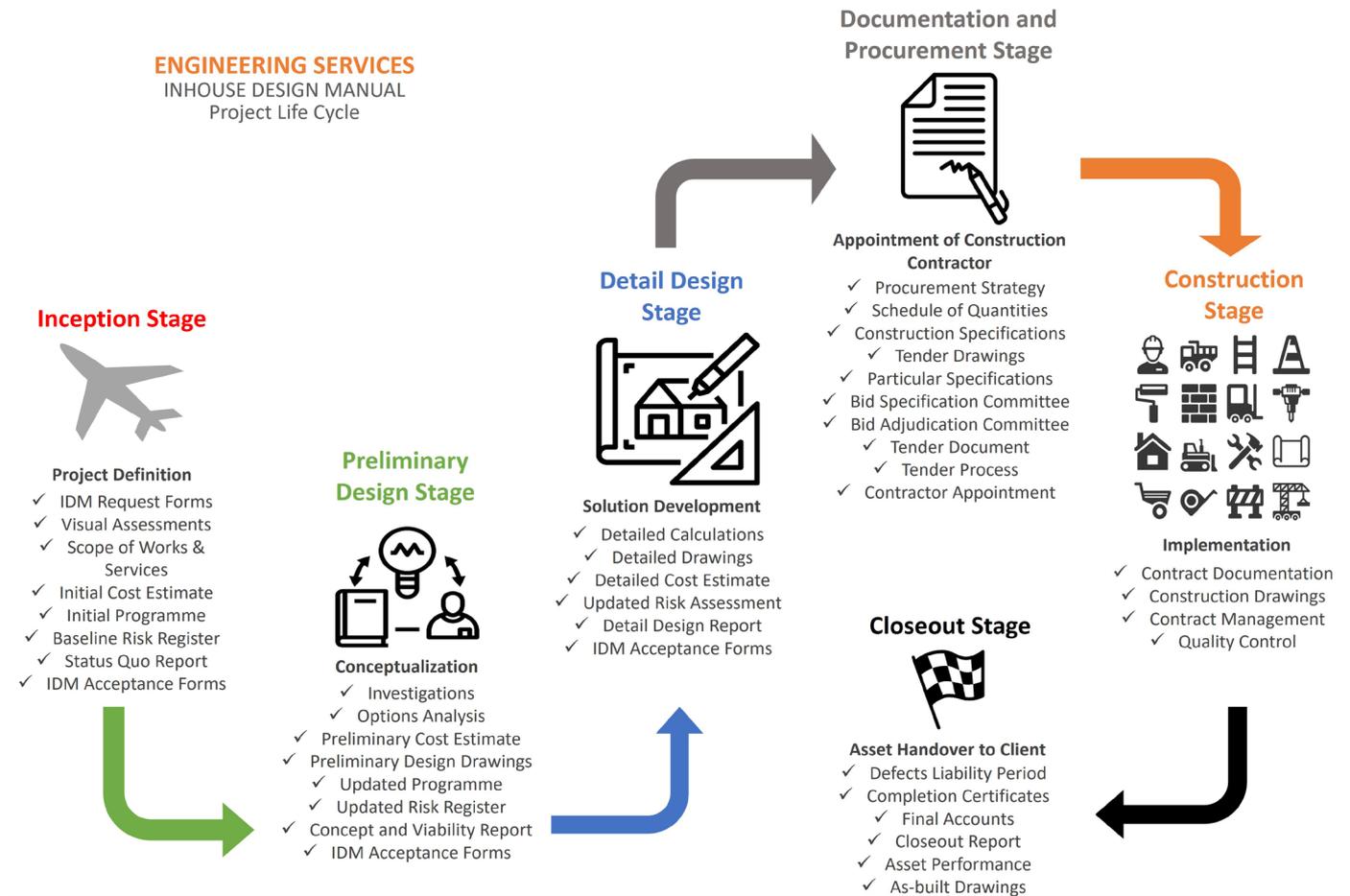
so that they stretch themselves even further and produce exceptional work. Michael says that he came into the department with the dream to help previously disadvantaged races and communities, by professionalising government and its entities, and this is his way of making that dream come true. A number of Young Professionals have since received their professional status through In-House Design and therefore Michael's dreams now are to have at least 100 young people registered by the time he walks away from the department.

“Right now the department has an opportunity to reclaim our mandate as a professional department. This is an opportunity to, improve the quality of life of the disadvantaged child, to provide high quality service delivery, and to produce professionals that will in turn

professionalise the three spheres of government”- Michael Tladi
 He sends words of thanks to the entire engineering team and admin staff at Head office including Mr Batho Mokgothu (DDG: Project Management Office) and Mr Wasnaar Hlabangwane (Chief Director: Projects), the various Heads of Projects in the Regional Offices, Mr Lungelo Ciske and Mr Pakiso Mphuti from ICT, as well as the entire team at HCI, for their continued support in stabilising the programme and never ending efforts in helping him achieve his dream.



THE PICTURE BELOW DEPICTS THE DESIGN PROCESS A YOUNG PROFESSIONAL GOES THROUGH WHEN WORKING ON A PROJECT:



ENGINEERING SERVICES SHINES LIGHT ON YOUNG PROFESSIONALS

By: Siphamandla Nyembe and Andile Xulu

Engineering plays a huge role in our everyday lives. The products created or put together by this industry can be found in almost everything that we see, touch and smell.

Cars, computers, shoes and even cutlery... from design to production, all is done by engineers. From the construction aspect of engineering, engineering encompasses a whole range of industries that vary from on-site, practical construction work to evaluating safety systems from an office. Engineers use the knowledge they have within a specific industry in order to solve problems and provide efficient work to a range of mechanisms- from transport, residential spaces to the environment. Engineers play such a crucial role in our everyday life that it is easy to understand why the Engineering Services Unit, has initiated the In-House Design Expo and the Awards.

In conjunction with the Human Capital Investment (HCI) unit, the Engineering Services Unit hosted the 2nd annual Design Expo and Awards ceremony, on the 5th and 6th of December 2022 in Kempton Park, Gauteng.

The In-house design process was introduced to the department in 2018. The aim was for the Engineering Services to fast-track service delivery whilst exposing the Department's Young Professionals, who are seeking to gain professional status in their various fields of work, to the real-world engineering services experience.

The Design Expo aims to showcase the design work done by Young professionals for client departments. Young professionals were nominated to take part in the design expo and on the 1st day of the two-day expedition, they presented the exceptional work they did over the year.

The various categories developed for the expo which young professionals presented under are as follows:

- Best Civil Design
- Most Promising Public Sector Architectural Design
- Best Candidate Landscape Architectural Design
- Best Candidates Architectural Design
- Best Candidates Mechanical Design
- Best National/ Provincial Public Works Innovative Design
- Best Candidate Electrical Design
- Best Candidate Structural Design
- Best Provincial Public Works Engineering Candidate
- Best National/ Provincial Candidate Supervisor
- Most Promising Public Sector Engineering Intern
- Most Promising Public Sector Engineering Candidate
- Most Improved National/ Provincial Public Works Candidate/ Intern
- Best Head of Projects for In-design Management (IDM) Projects
- Most Dedicated National Public Works Engineering/ Architectural Candidate
- Best detailed Design Poster

Delegates who were invited to sit in and watch young professionals showcase their work were DPWI Regional Managers, the South African Institute of Civil Engineering (SAICE), the Engineering Council of South Africa (ECSA), the Consulting Engineering of South Africa (CESA), the South African Institute of Electrical Engineering (SAIEE), the South African Institute of Mechanical Engineering (SAIMEC), as well as Provincial Departments of Public Works and Infrastructure.

Mr Michael Tladi, who birthed the idea of the in-house Design Expo Awards, mentioned how this ceremony gives the Engineering Services Unit an opportunity to shine about the work that they are doing. He goes on to say that these awards are, "like our own mini Engineering Oscars", which goes to show just how much pride he takes in them. Looking at the successful running of these awards, we hope that the ceremony will continue to grow and improve so that it gets the recognition it deserves on a larger scale.

SOME OF THE WINNERS AT THE DESIGN EXPO



ANDILE MJOKA

Andile Mjoka, from the DPWI's Durban Regional Office, scooped up the Best National/Provincial Public Works Innovative Design at the 2nd annual Design Expo Awards held at Kempton Park, Gauteng. He has worked on a number of projects but the one that scored him a nomination for the above-mentioned award is the Madadeni Magistrate's Court project.

He has revealed that one can only do so much in terms of innovative designs in the public sector but he pushed the envelope with his solar design for the court. Therefore, to have his design recognised at these awards means a lot to him. He further expressed his joy for his victory by saying that it is a major one for him as the person he was competing with for this award is like a supervisor to him.

He offered a word of thanks to the Engineering Services Unit for giving him and his colleagues the opportunity to handle in-house projects, particularly the complex ones, as they challenged him to think outside the box. As a closing remark, he encouraged the upcoming engineers to be innovative and proactive. "Add to whatever people are telling you. Don't wait for your supervisor to tell you something," says Andile.



ANELE NDAWULE

Anele Ndwule won the achievement award for Best Candidate Landscape Architectural design. Dondotha SAPS in Kwa-Zulu-Natal is the project that Anele worked on, to get this win.

Anele says this award is a recognition, not only of his work but also of the Landscape Architectural profession in general. "Landscape Architecture is one of the professions that is underrated, but we are trying our best to reach out to other regions to recognise this profession," he said.

Anele says he is thankful to Human Capital Investment (HCI) because the unit helped him pursue this career. "I would also like to thank Engineering Services for taking me in under Landscape Architecture, as well as my supervisor Athenkosi Sihlahla, she is one of the best," he explained.

His advice for students who are still in secondary school who aspire to be landscape architects is that if you love nature and construction, this is the best field for you to get into. He concluded by saying hard work and dedication always pays off.



BABALWA LEKGANYANE

Babalwa Lekganyane is an In-house Engineer for the Department of Public Works and Infrastructure. Following the hard work and dedication she put in her work, she managed to get nominated for the In-house Design Management Awards.

She worked together with her colleagues for the renovation and the expansion of the Soshanguve magistrate's court. This enormous project awarded her the Most dedicated National Public Works Engineering/Architectural Candidate of the year 2022. With the assistance of her supervisors and colleagues, Babalwa is happy that her hard work is finally being recognised. "I'd like to thank Engineering Services of the DPWI for this opportunity and for showcasing what I'm capable of.

Through these opportunities, we get to eradicate the idea that when you're in the public sector, you can't do much," said Babalwa.

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE EMPOWERING YOUNG ENGINEERS

By: Hope Motitimi

One of the Department of Public Works and Infrastructure's (DPWI) responsibilities is to provide civil, architectural, structural, electrical, and mechanical engineering, as well as quantity surveying services to client departments.

This is done through the Engineering Services Unit of the department. The Human Capital Investment Unit and the Engineering Services Unit partnered to provide aspiring professionals who earned university degrees in any of the abovementioned engineering disciplines, adequate work experience that will allow them to register as professionals in their various fields of study. This is done through the Young Professionals Programme.

Young Professionals Programme integrates graduates into the department to provide them with the necessary experience.

In celebration of impeccable work that the In-house Engineers put in throughout the year, the Engineering Services Unit held a two-day In-house Design Management Expo in Kempton Park, Gauteng- on the 5th and 6th of December 2022.

During the expo, a presentation that was delivered by Ms Nancy Makhado from DPWI's HCI Unit, highlighted successes over the course of the year and presented statistics on DPWI's Young Professional's programme. The department has had 286 Young Professionals that participated in this programme over the past few years. At least 144 of them completed the necessary steps to become professionally registered and 50 of them have been permanently absorbed to work for the Department of Public Works and Infrastructure. Of these, 51% are women.

Young Professional Candidates were nominated based on the work they have done on DPWI projects throughout the year. In order to compete for the various categories, nominees had to present one of the biggest projects they worked on, to a panel of judges. Once judges voting for the impressive presentations were done, votes were tallied and winners of various categories were then announced.

The results of the winners were as follows:

- Best Civil Design- Neo Raseala
- Most Promising Public Sector Architectural Design- Oliver Brown
- Best Candidate Landscape Architectural Design- Anele Ndawule
- Best Candidates Architectural Design- Nomfundo Mthembu
- Best Candidates Mechanical Design- George Molomo
- Best National/ Provincial Public Works Innovative Design- Andile Mjoka
- Best Candidate Electrical Design- Tshepo Msimanga
- Best Candidate Structural Design- Ntokozo Nkwinika
- Best Provincial Public Works Engineering Candidate- Ntokozo Nkwinika
- Best National/ Provincial Candidate Supervisor- Shane Palackal
- Most Promising Public Sector Engineering Intern- Thabo Khoza
- Most Promising Public Sector Engineering Candidate- Nozandi Njomi
- Most Improved National/ Provincial Public Works Candidate/ Intern- Itumeleng Setlhabane
- Best Head of Projects for In-design Management (IDM) Projects- Thuthuka Mbhele
- Most Dedicated National Public Works Engineering/ Architectural Candidate- Babalwa Lekganyane
- Best detailed Design Poster- Thabo Khoza

SOME OF THE WINNERS AT THE DESIGN EXPO



GEORGE MOLOMO

George Molomo won the achievement award for Best Candidate Mechanical Engineering design.

The design of a steam line and hot water system at the Kimberley correctional centre, is the project that George worked on, that helped him secure this win.

“All my efforts are valued, I am very excited that my work is appreciated,” he says.

George says engineering appears difficult but he advises aspiring engineers to keep on pushing, because it is possible to be an engineer.

“I am very passionate about assisting people and I will therefore, help others work towards achieving such an award,” he says.

Neo appreciates all stakeholders involved in his career. “I am very grateful to the Engineering Services for this opportunity given to me. I would like to advise young people to stay in school and reassure them that when they do their best and focus on their goals, they will be rewarded,” he concludes.



NTOKOZO NKWINIKA

Ntokozo Nkwini, from the Polokwane Regional Office was the biggest winner of the Design Expo Awards as he scooped up two awards for Best Candidate Structural Design and Best Provincial Public Works Engineering Candidate.

He is thankful to the Polokwane Regional Office for the opportunity to gain the experience he has gained from his in-house projects which have, ultimately, enabled him to win the awards. “You can’t take credit for a project on your own because engineering is a multi-disciplinary field,” said Ntokozo. He extended a word of thanks to his colleagues and supervisors on the projects that he has worked on. He encouraged tertiary students who are studying courses in the built environment to never give up because the journey to registering with the Engineering Council of South Africa (ECSA) can be long.

He referred to a quote by Dr. Martin Luther King, which he used to conclude his presentation, as a statement of further encouragement and it reads, “If you can’t fly then run, if you can’t run then walk, if you can’t walk then crawl, but whatever you do, you have to keep moving forward.”



NEO RASEALA

Neo Raseala won the achievement award for best Candidate Civil Engineering design.

The 1.5 KM bulk water pipeline project, is the project that Neo worked on, to get this win. He says this award means a lot to him.



OLIVER BROWN

Although Oliver Brown is an Architect, he was presented with the Best National Public Works Engineering Candidate award at the 2nd annual Design Expo Awards, for his outstanding contribution to the Himeville Magistrate's Court project. He is very appreciative of the recognition he has received for the work that he contributed on this project as it was his baby throughout 2022.

He said the recognition for this project, and others, could also attract external engineers to the DPWI because the Department makes use of its in-house candidates to produce quality engineering services to client departments instead of constantly outsourcing consultants. Brown offered a word of thanks to the Engineering Services Unit as well as to Mr. Michael Tladi for establishing the Design Expo Awards.

In closing, he encouraged future engineering professionals to take initiative and continue to work hard in their chosen discipline.

Nomfundo Mthembu is the winner of the Best Candidate Architectural Design in the In-house Design Manual (IDM) within the department of Public works and Infrastructure .

She has worked on various projects but the one that led to her winning the award is the DOL-Prospection Offices, Repairs and Renovation (capital works) project.

Nomfundo would like to thank the IDM for the opportunity to grow magnificently and the confidence boost she gained while working for the department of Public Works and Infrastructure.

Her words of encouragement to the young ones are: **“never give up; just keep working and the results of your hard work will show at the end”.**



NOZANDI NJOMI

Meet Nozandi Njomi the winner of the IDM 's Best National Public Works Engineering candidate.

Nozandi has worked on various projects, and the biggest project that got her the award was the electrical wiring done at Ficksburg prison.

This achievement motivated her to work hard and shows that she is dedicated to her work and she can achieve anything in life. She thanks the head of this project for giving her the opportunity, Mr Michael Tladi and the Human Capital Investment (HCI).

“Before you can achieve any goal you need to set it first, and work hard in order to achieve anything in life,” these are the words of encouragement from Nozandi.



NOMFUNDO MTHEMBU



Tshepo Msimanga is the winner of the In-house Design Manual in the Engineering Services Unit with the Department of Public Works and Infrastructure.

He won the award for the Best candidate Electrical Engineer category, and worked on various projects, the biggest one being the SAPS project.

He said his achievement means his hard work and dedication has been recognised and it has encouraged him to work more and hard on future projects.

Tshepo is thankful for the opportunity awarded to him by the Engineering Services.

“Follow your passion, never give up on your career goals. Always set them and try to achieve them regardless,” these were his words of encouragement to the young people.

DPWI HOSTS IN-HOUSE DESIGN EXPO AWARDS

By: Andile Xulu



The amazing thing about awards is that they also help individuals figure out their strengths and weaknesses in comparison with their peers.

On the 5th and 6th of December 2022, the Department of Public Works and Infrastructure (DPWI), hosted a two day in-house design expo awards ceremony to acknowledge and celebrate young engineers on various projects they have worked on since being with the department. The ceremony was held in Kempton Park, Gauteng- where nominees presented to a panel of judges their work that afforded them the opportunity to be nominated in this year’s awards ceremony.

Double-Award winner Ntokozi Nkwinika says he has been working hard in Limpopo Province where he sunk his teeth into his work. Ntokozi won an award for best Candidate Structural Design and best Provincial Public Works Engineering Candidate. “I would like to thank DPWI for giving me the opportunity to gain experience so that I can be able to enter the engineering world,” he says.

Nkwinika says students who are still in secondary school, who hope to enter into the engineering world need to acknowledge that engineering requires a lot in terms of dedication and it can be tough at times like any other field of study but that giving up should never be an option. “Keep persisting, keep pushing and things will work out eventually,” he concluded.

Through these awards, DPWI ensures that it highlights the efforts made by the Department to address the need for engineering skills in government and country at large to solve complex problems.

Award ceremonies make everyone feel good. They are an acknowledgement of a job well done by those who recognise the work of a winner.

Awards can make winners feel proud, happy, overwhelmed and delighted. They are confidence boosters.

“WOMEN IN A MAN’S WORLD”

By: Tinyiko Baloyi

It is amazing how things have changed for the better in this century while there is still room for improvement in the world of work.

Women are more empowered and are doing incredible things as well in their various fields of study that were previously reserved only for men e.g. driving buses, trains, trucks, flying planes and studying for careers like architecture, landscape architecture and quantity surveying. Women are now firmly in the field of construction and doing wonders.

Women were previously limited in terms of the careers they could pursue while men were allowed to do anything without restriction. Thankfully, all this has changed.

It is truly inspiring that the Department of Public Works and Infrastructure adopts rural schools and award bursaries to learners so that they can improve their school work and pave a way to go to tertiary, especially those from disadvantaged backgrounds.

The Department doesn't end there. It goes on to equip these young South Africans with scarce skills and encourages them to be more than what they could have possibly imagined, through programmes like the Young Professionals Programme.

Dineo Machili is the first Black woman in the engineering unit within the Department to be registered with the Engineering Council of South Africa (ECSA). This was made possible through Young Professionals programme that helps professionals like Machili to build their profiles, by allowing them to work on projects that positively position them in the built environment.

“Women belong in all places where decisions are being made. It shouldn't be that women are the exception.” — Ruth Bader Ginsburg



THUTHUKA MBHELE

As the winner of the Best Head of Projects for IDM Projects, Thuthuka Mbhele made mention of how the DPWI initiated handling projects in-house and that they have, thus far, handled more than 30 projects and over 7 engineering candidates have registered with the Engineering Council of South Africa.

He expressed gratitude towards the Engineering Services Unit for hosting these awards because it shows that the State is still capable of handling its affairs in-house which, in turn, saves it a lot of funds. When asked what winning this award meant to him, he displayed modesty by saying that this award was not for him but for his team.

“We should not have been included here because it is our job as heads of units to create a platform for the young students as well as professionals that we are leading to shine,” said Mbhele.

SOME OF THE WINNERS AT THE DESIGN EXPO



ITUMELENG SETLHABANE

Meet one of the In-house Design Manual (IDM) winners Itumeleng Setlhabane, who won The Most Improved National/Provincial Public works Candidate/Intern.

She has worked on various projects, but the one that has landed her the big win is the Mozambique school project, the reconstruction of Mongaza Communal School.

She hopes that this achievement would open more doors for her career as an engineer.

Itumeleng's words of encouragement were "you have to believe in your dreams regardless of your situation".

Shane Palackal won the Best National/Provincial Candidate Supervisor award at the In-house design management awards ceremony.

He was honoured to be given the opportunity to be a supervisor for the projects he worked on. His job as a supervisor reflected positively because most of his colleagues won awards and because of that, his honourable work has been recognised. Shane worked on multiple projects but the one that awarded him this opportunity was the Madadeni Magistrate's court project.

Shane shared words of encouragement to aspiring young professionals by mentioning that the world is their oyster and that they should keep on trying. "Opportunities are everywhere but you need to look into the right direction," he said.



THABO KHOZA

Thabo Khoza was awarded for the Best Detailed Design Poster and the Most Promising Public Sector Engineering Intern. The project that enabled Thabo to win his awards is the design of the Parliament stair cases.

Thabo expressed how his awards would serve as a confidence booster in his career. He says that he is grateful for the assistance of his supervisor. During the designing process, he had multiple consultations but because of the skills he had taken in from his supervisor, he managed to pull things off.

Thabo encourages people who aspire to be like him one day to participate in the department's programme in order to climb up the industry's ladder. "It's not easy but it will be worth it in the end," he said.



SHANE PALACKAL

Tshitatamende tsha khasho tsha vhainzhiniara vha muhasho wa Vhashumi na Themamveledziso.

muñwali: Tinyiko Baloyi

Vha muhasho wa zwa Vhashumi na Themamveledziso vho ita vhuṭambo ha maḍuvha mavhili ha pfufho, hu tshi khou pfufhiwa vha nangiwa vha mainzhiniara vha tshi khou vha pembela na u vha nzhiela nṭha kha mishumo yavho ine vho ita ubva tshe vha thoma u vha tshipiḍa tsha muhasho.

Vhuṭambo uvhu ha maḍuvha mavhili ha vhainzhiniara ho farelwaho hodelani ya O R Tambo Garden Court. Ho vha hu na vha nangiwa vhe vha vha vha khou amba kana u anḍadza vhukoni havho ha u vhuoli na mishumo ine vha l ita ine miñwe ya hone l vha l mishumo ya nṭha vhukuma, izwo zwoṭhe vha tshi khou zwi anḍadza phanḍa ha vhahaṭuli, lune izwi ndi zwone zwine zwa ḍo ita uri vha kone u wana vhanangiwa vhane vha nga pfufhiwa kha vhuno vhuṭambo ha uno ṛwaha.

Ho vha na vhatu kana zwi imiswa zwo dzhenelelaho uvhu vhuṭambo vhane ndi dzi manedzhara dza dzi imiswa zwa Vhashumi na Themamveledziso, vha South African Institute of Civil Engineering (SAICE), Engineering Council of South Africa (ECSA), the Consulting Engineering of South Africa (CESA), the South African Institute of Electrical Engineering (SAIEE), South African Institute of Mechanical Engineering (SAIMEC) khathihi na vha muhasho wa Vhashumi na Themamveledziso mavunduni.

Kha vhatu vhañwe vhe vha vha vhe vhuṭamboni uvho ho vha hu Vho Batho Mokhothu vhane ndi muthusa Dairekhitha dzhenerala, Vho Vangile Nene vha ndi mufareli wa muthusa dairekhitha dzhenerala na Vho Bridgette Ssamula vhane ndi muhulwane wa ECSA.

Tshiñwe tsha tshipikwa tshihulwane tsha yuniti ya vhainzhiniara ine ndi iñwe ya dzi yuniti dza muhasho wa Vhashumi na Themamveledziso, ndi u ṛea tshumelo kha khasiṭama dzavho nga *civil, architectural, structural, electrical* na *mechanical engineering*, khathihi na dza *quantity surveying*.

Vha yuniti ya vhainzhiniara vha shumisana na vha *Human Capital Investment* uri vha shume na vhaswa avho vho funzeaho uri vha kone u wana bambiri dzavho dza pfunzo dza yunivesithi, vhañwe vha vho hu vhatu vhane vho ḍo ṛewa dzi bazari nga muhasho wa vhashumi na Themamveledziso uri vha gudele mishumo iyo yo bulwaho afho nṭha.

Nga u ita nga u ralo, vha yuniti ya vhainzhiniara vha thusa vhaswa avho uri vha kone u wana tshenzhemo ya mushumo kha mabuḍo ayo e vha a gudela, khathihi na u isa tshumelo kha dzi khasiṭama dza muhasho na u kwhaṭhisedza uri zwikili izwo zwi gudisiwa vhaswa avho vha vhainzhiniara.

Izwi zwi dovha hafhu zwa fha vhathu avha tshenzhemo ya pfunzo dzavho hu u itela u vha thusa kha u ḡi fhaṭa na u ḡi itela dzina nga kha mishumo ye vha I itela muhasho. Vhaswa avho vha tea u ṅea maṅwalwa ane a sumbedza uri nga ngoho vha na tshenzhemo kha mishumo iyo na ya muhasho musu wa u gudisiwa mushumo, nahone uri vha dovhe vha kone u redzhisiṭara na khantsele ya vhainzhiniara ya Afurika Tshipembe.

Vha Muhasho vho vhona vhuleme ha u vha na iyi mbekanya mushumo uri vha kone u takusa shango. Iyi mbekanya mushumo I edzisela National Development Plan (NDP) vhunga nayo I tshi thusa u bveledza zwikili zwi songo ḡoweleaho muvhusoni, na u engedzedza mishumo ya u fhaṭa. Uya nga iyi mbekanya mushumi, muhasho u ḡo ita vhuṭanzi uri hu vhe na khwiniswa ha thandela dza zwifhaṭo. Iyi mbekanya mushumo ndi u bvisela khagala na u engedzedza tshivhalo tsha vhaswa vho funzeaho kha buḡo ḡa built environment ubva kha vhadzulapo vha kundelwaho, uri vha kone u ḡi imela na u imela shango nga I tsho tshikili.

“Rine vha yuniti ya vhainzhiniara ro ita vhuṭambo uvhu u ḡirwa khana na hone ri vhudzhia sa dzi Pfufho dzi ḡivhaleaho kha si a ḡa vhainzhiniara, vhuṭambo uvhu ri vhu dzhia sa “Oscar” dza vhainzhiniara, vhu ri ṅea tshi khala tsha u ḡi ṭondisa nga mishumo yashu” ayo ndi maipfi o ambiwaho nga Vho Michael Tladi, PrEng vhane ndi diarekhitha kha iyi yuniti ya vhainzhiniara vha muhasho wa zwa Vhashumi na Themamveledziso. Ndi vhone muthu vho ita uri uvhu vhuṭambo vhu konadzee

Zwigwada zwa dzi pfufho:

Ho vha hu na zwigwada zwa fumi rathi zwa uvhu vhuṭambo ha vhainzhiniara vhaswa vho funzeaho na vhahulwane vhavho vhane na vho vho dzhenelela muṭaṭisano uyo, vho pfufhaho ndi vha tevhelaho:

Best Civil Design (**Neo Raseala**),

Most Promising Public Sector Architectural Design (**Oliver Brown**)

Best Candidate Landscape Architectural Design (**Anele Ndawule**)

Best Candidates Architectural Design (**Nomfundo Mthembu**)

Best Candidates Mechanical Design (**George Molomo**)

Best National/ Provincial Public Works Innovative Design (**Andile Mjoka**)

Best Candidate Electrical Design (**Tshepo Msimanga**)

Best Candidate Structural Design (**Ntokozo Nkwinika**)

Best Provincial Public Works Engineering Candidate (**Ntokozo Nkwinika**)

Best National/ Provincial Candidate Supervisor (**Shane Palackal**)

Most Promising Public Sector Engineering Intern (**Thabo Khoza**)

Most Promising Public Sector Engineering Candidate (**Nozandi Njomi**)

Most Improved National/ Provincial Public Works Candidate/ Intern (**Itumeleng Setlhabane**)

Best Head of Projects for In-design Management (IDM) Projects (**Thuthuka Mbhele**)
Most Dedicated National Public Works Engineering/ Architectural Candidate (**Babalwa Lekganyane**)

Best detailed Design Poster (**Thabo Khoza**)

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public works & infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA



Lenaneo la DPWI la Tsamaiso ya Phetoho ya Setso

DPWI e fetola setso sa yona sa mokgatlo ho ba setso sa tshebetso ya maemo a hodimo: Moo teng boetapele le batsamaisi ba nang le mothamo wa ho tsamaisa le ho kgothaletsa basebetsi, ho matlafatsa dipheo tsa yona le ho tsamaisa dikamano ka nepo e le ho fihlella dipheo tsa DPWI.

Tlaleho & Dipotso di lokela ho romelwa ho Mong. Reuben Mahlatjie
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SOUTH AFRICA WORKS BECAUSE OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE INTERNAL CAPACITY BUILDING PROGRAMME

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