

# CONSTRUCTION NEWS

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### • **NCC: Aims and Objectives**

- To unify the construction Industry, to promote its well being, to strive to create a profitable environment for its constituents, and to establish a united national platform encompassing formal and informal sectors of the industry and its professions
- To contribute to the reconstruction, rehabilitation and development of Zambia and the uplifting of all its people
- To promote and advance the status and public recognition of NCC, its members and the construction industry
- To promote encourage, support or oppose any legislation or other measures affecting the industry
- To address macro issues affecting the industry
- To co-ordinate, improve and facilitate the accessibility of training
- To strive, achieve, monitor and maintain the highest possible standards in the construction industry
- To add and amend these objects from time to time as decided upon by the National Council

## WORKS AND SUPPLY MINISTER COMMISSIONS ROADS (CONSTRUCTION) TRAINING SCHOOL



Hon. G. Mandandi giving his speech when he commissioned the “new look” Roads Training School

The Minister of Works and Supply, Hon. Godden Mandandi recently commissioned the Roads Training School. The commissioning of the new look school was witnessed by His excellency, the Royal Norwegian Ambassador to Zambia, Government officials, NCC President and Executive Secretary and contractors staff, on 11th August 2000.

The Roads Training School was rehabilitated at a cost of K3bn. The Rehabilitation of the School was financed through the Kingdom of Norway as part of that country’s support programme to RoadSIP.

Hon. Mandandi said that the Government’s strategy for the Construction industry is to improve the human resource base and promote skills development in terms of quantity, quality and diversity of trained or qualified personnel in the sector. “To this end, Training in Zambia needs to be improved, and this has to be done in collaboration between GRZ and the private sector,” the Minister said.

We are made to believe that the Government is already working on a Cabinet memo that will ensure that the school is transformed into a trust. The

Roads Training school is earmarked to offer training to the construction Industry in the following areas:

### **Technical Courses**

Technician and Technologist Courses in Civil Engineering with a bias towards Highway Engineering

### **Short Courses in:**

- Soil Mechanics
- Bitumen
- Concrete
- Contract management
- Labour Based (technology) road works for small scale contractors.

## INDABA ON TAXES AND THE CONSTRUCTION INDUSTRY HELD

An indaba on taxes and the Construction Industry was recently held at the Ministry of Works and Supply (MWS) Conference room on Thursday 31st August 2000. Apart from the NCC and the Zambia Revenue Authority (ZRA), the Zambia National Tender Board and ZACCI were also represented. The meeting kicked off with explanations from the ZRA staff on the different taxes currently in place, especially those affecting the Construction Industry.

On the question of the high taxes, the ZRA staff said

that they were only an implementing agency i.e. tax collection, and that suggestions for tax reduction should be channeled through the Ministry of Finance. The ZRA staff further clarified the fact that not all foreign registered vehicles on construction sites, were operating illegally, as some (and most) of them pay the necessary taxes, but since they only come in on a temporary and short term permit they are allowed not to change their number plates. The meeting was further told that, there

were also a number of tax rebates that were given to some foreign construction companies by the Zambian Government. They were however, some foreign as well as some local construction companies that were evading paying local taxes, the ZRA staff reported. To that end, the ZRA called for assistance from all stakeholders by reporting all those involved in evading taxes, by calling the toll free number 996.

*"In other countries, ruins are as a result of many years of run down infrastructure and neglect, but in this country we seem to actually design and build them from scratch!! -Dr. M. S. Mashamba NCC Executive Secretary*

## DESIGN AND BUILD ROADS CONTRACTS TO BE LAUNCHED SOON

The Ministry of Local Government and Housing (MLGH) will soon embark on some road interventions on some of the main roads passing through some of our Provincial capitals. The aforementioned interventions are planned to be executed through "Design and

Build contracts. As most members will by now have read through in the daily papers, the advertisements for the expression of interest for purposes of short listing firms, are already out. We are happy to note that, both the National Roads Board (NRB) and the Ministry of

Local Government and Housing (MLGH) have recognized the important role of the NCC, by having the NCC play an important role in the drawing up of the Terms Of Reference referred to above. We now wish all our members the very best of luck.

## LUSAKA CITY COUNCIL GETS TOUGH; DEMOLISHES ILLEGAL STRUCTURES

Finally the Lusaka City Council has started to demolish some of the many illegal buildings in the City. All sections of the Zambian media recently reported that the Lusaka City Council had demolished a number of illegal houses in George Compound. Some illegal settlers in Makeni were also reported evicted. As if that

was not enough, the media also reported that a total of 7 Councillors have been suspended on allegation of their involvement in the illegal allocation of land in the various parts of Lusaka. We can only hope that the action cited above is not a one-off by the Council, but that it will become an ongoing exercise and that

other Councils in the country will emulate the action taken by the Lusaka City Council. The demolishing of illegal structures should surely be extended to the formal areas as well. For example, what is being done to the Kamwala trading area, an area apparently designed and built by unregistered "professionals" to be one big ruin".

## NCC FINALLY ALLOCATED OFFICES

The National Council for Construction (NCC) has finally been allocated its own set of offices at the newly refurbished Roads Training School (RTS) (see

page one). The Roads Department Director, Mr. Mwila in his offer letter of 18th August 2000 to the Executive Secretary said the 5 offices, which also include

a Conference Room and A data-center/Library, "will be at no cost to the NCC".

The NCC secretariat which has up to now been accommodated in temporary and rented accommodation will soon be moving to its new and spacious offices, which are situated in Sheki Sheki Road, in the light Industrial Area.

The offer of offices at the Roads Training School could not have come at a better time than this, when the RTS is also being transferred from Government to the Private sector, through a Board of Trustees .

To the Zambian Government, we say THANK YOU



Dr. Ndilila with the Norwegian Ambassador at the RTS,

*"...the Government's strategy for the Construction industry is to improve the human resource base and promote skills development in terms of quantity, quality and diversity of trained or qualified personnel in the sector. "To this end, Training in Zambia needs to be improved, and this has to be done in collaboration between GRZ and the private sector," Hon. G. Mandandi*

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## "PRESIDENT CHILUBA WARNS CONTRACTORS" - ZAMBIA DAILY MAIL FRONT PAGE OF 30-08-2000

President Chiluba is reported on the front page of the **Daily Mail** of 30th August 2000, to have warned contractors in Zambia, "not to over-value their tenders to make up for the losses incurred when business is poor. The President is further reported to have said that, "most contractors were unrealistic in their quotations". The President made the above remarks when he officially commissioned the Bennie Mwiinga Housing Complex in Lusaka.

The NCC shares the President's concern on the need to have affordable and habitable houses for all Zambians. It is for this same reason that, the National Council for Construction (NCC) has made several attempts to court the

management at PHI for continued dialogue; to seek ways and means of building affordable houses. To that end, a sub-committee under the NCC was formed called NCC-PHI collaborative committee under the chairmanship of Mr. Mbao, the Chief Executive Officer at PHI. The key objective of this committee is to promote mutual co-operation between the PHI and the NCC-Private sector on the other hand. The NCC has also formed the Associated Housing Advisory Services (AHAS), a separate and specialised committee to address the acute housing problems in the country.

The NCC has very qualified and experienced housing experts in the housing area, which it would want

to put to the disposal of the PHI management for the betterment of this country, if only the management at PHI is willing to co-operate and work together with the NCC and its affiliates.

We would therefore, appreciate, if in future the management at PHI could involve the NCC in the initial planning stage of their projects, rather than just simply invite them through their affiliates to bid for their contracts at a late stage. We would also want to believe that the Joint venture contracts, such as those just introduced for our roads rehabilitation could also reduce the cost of building this country, not to mention the reduction of some of our taxes and duties.

**WOMEN IN CONSTRUCTION-**  
**Ms. MALAMA MUNKONGE**, CIVIL ENGINEER WITH  
 ZULU BURROW CONSULTANTS



**MS. MALAMA MUNKONGE**

**Q. What is the best aspect of your job?**

A.Meeting different people and traveling to various places in and outside the country. Learning more about Civil Engineering, a client's requests and balancing the two to make realistic designs.

**Q. Can you please describe to us, your typical working day.**

A. Once a particular job is handed over to me, I have to establish the behaviour of the structure and put across a proposed system of structural elements and supports suitable for the prevailing geographical conditions on the proposed site. Once this proposal has been

approved, I go ahead to design the structure. When this design is approved, I then have to make structural drawings which are later released to the client.

**Q. Do you regret becoming an Engineer or entering this male dominated industry?**

A. No.

**Q. Do you ever get intimidated working with so many men, say especially on Construction Sites?**

A. In the beginning I would get intimidated by some of my colleagues who would appear a bit more

enlightened on one or two issues at work than I was. But with time I have realized that we all have our strengths and weaknesses. And it is basically about learning from one another. Unfortunately, I have not had the opportunity yet to really work at a Construction site.

**Q. Who has been your greatest inspiration in your life, especially in taking up Civil Engineering as a Career?**

A. My mother has been my greatest inspiration in taking up Civil Engineering as a Career.

**Q. What has been your favourite project todate?**

A. Chirundu Border Town Water Treatment Works. The Structural design aspect of the project is so broad.

**Q. If you could swap jobs, what would you choose to do?**

A. To swap to a different specialization like Water Supply and Sanitation or Water Resources Management.

**Q. Which schools, colleges and Universities did you attend?**

A. Woodlands A. Primary School  
 Kabulonga Girls Secondary School  
 University of Zambia

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**Q. How has your working experience been? Is what you are doing what you expected?**

**A.** I never thought I would start with Structural Design. I was geared to go straight into designing Water Supply System.

**Q. What are your future plans, career wise?**

**A.** To specialize in both Peri-Urban Water Supply and Sanitation, and Water Resources Management.

I would like to practice at an international level. But most of all, I would like to improve on the current Water Resources Management policies being adopted in the SADC region. I believe Water Resources Management is a field that is not being tackled seriously in Zambia and needs to be addressed if any of the environmental preservation programs are to succeed.

**Q. What are your hobbies?**

**A.** Hopefully try out charitable work with organizations like SOS Children's Village, Lions Club otherwise, I mostly spend time with my friends and family.

**Q. What piece of advice do you have for the young girls or women intending to take up Civil Engineering or any other construction related job?**

**A.** Just go for it!  
There is no conflict between

*Second Issue of Construction is now out*

*Contents:-*

*Building Society profile*

*Mid-term Construction Industry review*

*Marunouchi Building*

*Training*

*Women in Construction- Mrs. B. Mumba*

*Our Lady's Hospice Project*

*And much more*

## THE NCC EXECUTIVE AND NATIONAL COUNCILS

### Executive Council

President-Dr. F. M. Ndilila

Vice President- Mr. A. Luring

Vice President- Mr. M. Mungandi

Executive Secretary- Dr. M. S. Mashamba Ex-Officio

### National Council

President-Dr. F. M. Ndilila

Vice President- Mr. A. Luring

Vice President- Mr. M. Mungandi

### Association of Building and Civil Engineering Contractors

Mr. B. Lumbwe

Mr. L. Smart

Mr. P. Turner

### Association of Consulting Engineers of Zambia

Mr. J. Kaluwa

Mr. I. Miller

### Copperbelt University

School of the Built Environment-Mr. Kambole

### Ministry of Works and Supply

Buildings Department-Mr. Jere

Headquarters-Ms. B. Kaonga

Roads Department- Mr. Chilundika

### National Roads Board

MR. Kaunda-Representing Mr. R. Jhala

### Surveyors Institute of Zambia

Mr. A. Kasito

Mr. R. Mwanza

### University of Zambia

School of Engineering-Dr. Muya

### Zambia Institute of Architects

Mr. D. Savic

One nomination to be made by ZIA following the election of Mr. Mungandi to the post of Vice President

### Secretary

Executive Secretary-Dr. M. S. Mashamba

### Observer status

PHI Mr. T. Mbao

## AN OVERVIEW OF ROADSIP OBJECTIVES, PROGRAMME AND PROGRESS

### 1. PROGRAMME OBJECTIVES

The overriding goal of the Government for the roads sector is to facilitate economic growth and diversification (particularly in the agricultural sector) through appropriate investments in road infrastructure and through a sustainable system for the financing and management of the road network. The Government's medium term program, ROADSIP is expected over a 10-year time horizon to address this goal and has the following other major objectives:

- (a) bringing a core road network of 33,500 kilometers into maintainable conditions – (ROADSIP Phase II to be launched in 2001);
- (b) bringing the condition of the road network to at least 50% good and about 10% poor for all types of road; (in progress)
- (c) strengthening the technical and managerial capacity of road authorities; (in progress)
- (d) creating employment opportunities in the road sector and alleviating poverty through the creation of 30,000 new jobs in road maintenance; (in progress)
- (e) improving road safety and reducing road accidents by at least 20%; (in progress, awaiting Cabinet decision)
- (f) improving environmental management in the road sector through establishing procedures and guidelines; (in progress)
- (g) providing an enabling

environmental management system in the road sector through establishing procedures and guidelines; (in progress)

- (h) developing a framework for the management of community road and promoting community participation in road management. (in progress)

### 2. PROJECT OBJECTIVES

The project addresses the first time slice of the program for the period 1997 – 2002 and is expected to contribute to the realization of the program goals. The five specific objectives of the project are:

- (a) reform of the road sector policy and institutional framework, including changes to the legal framework for roads and road traffic management and strengthening and refocusing the roles of sector institutions (NRB, Roads Department and MLGH) aimed at enhancing capacity, increasing efficiency of the use of resources and improve planning and implementation performance; (awaiting Cabinet approval)
- (b) Strengthening of road sector financing aimed at ensuring the sustainability of the road maintenance effort and reducing strain on limited government revenue with the specific targets of streamlining the functioning of the road fund and increasing and diversifying road user charges to ensure at minimum 70% coverage of periodic and routine

maintenance costs of the core network by 2002; (Awaiting reinstatement of Fuel Levy in full and Cabinet decision on channeling of road user charges)

- (c) Strengthening of the local construction and consulting industry in line with country objectives of creating greater opportunities for the private sector to participate in the design, construction and maintenance of roads and with the specific target of creating 14,000 new jobs by 2002; (In progress)

(d) addressing the road maintenance and rehabilitation backlog through a priority investment program with the specific target of increasing the proportion of main roads in good condition to about 45% and the proportion of feeder roads in good condition to about 15% of the network by the year 2002; In progress as per table below)

- (e) establish a pilot program for community road management in at least three districts to test approaches for sustainable improvements in maintenance of these undesignated road. (In progress)

(f) Establish a demonstrative pilot project on the promotion of non-motorised means of transport. (In progress):

#### Condition of Paved Road Network

	GOOD	FAIR	POOR
1995	20%	29%	51%
1998	31%	36%	33%
1999	35%	36%	29%

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# TENDERS, JOBS AND FORTHCOMING EVENTS

## TENDER FOR THE PRE-QUALIFICATION OF CIVIL ENGINEERING FIRMS FOR THE ACCELERATED URBAN REHABILITATION PROGRAMME (2000/2001)

The National Roads Board has made available from the Road Fund, funds to support the on going Road Sector Investment Programme. The Ministry of Local Government and Housing intends to apply part of these funds to eligible payments for the "Design and Build Rehabilitation" of Urban Roads in Provincial centers within Zambia.

The Zambia national Tender Board, on behalf of the Ministry of Local Government and Housing, now invites applications from Civil Engineering Construction Companies and Consulting Engineers in joint ventures, partnership or association, who maybe interested in being pre-qualified for inclusion in the approved list of bidders for the Accelerated Urban Rehabilitation Programme. Contractors should be registered with the Roads Department, Ministry of Works and Supply, and Consulting Engineers with the Engineering Institute of Zambia.

The Proposed works will be carried out on a "Design and Build" basis and will include, but not necessarily be limited to, civil engineering design, supervision and the construction of bituminous overlay/surface dressing, rehabilitation and/or reconstruction of existing pavement or gravel wearing course and replenishing or reshaping shoulders and roadside drainage to Urban roads, mainly trunk or main through routes in seven Provincial capitals and the five Copperbelt towns.

It is intended that the following towns will be included under this programme:

**Provincial Towns**

Kasama  
Mansa  
Mongu  
Solwezi  
Kabwe  
Livingstone  
Chipata

**Copperbelt Towns**

Mufulira  
Chingola  
Luanshya  
Chililabombwe  
Kalulushi

To qualify for short listing, the respondents would be expected to demonstrate-

- (a) expertise and experience in road and [pavement projects;
- (b) Prior experience in road infrastructure rehabilitation and reconstruction; and
- (c) Organizational capacity to manage a Design and Build" project in Zambia

Eligible applicants may obtain the pre-qualification document from the Office of the Director General, Zambia National Tender Board, 10th Floor, Kulima Tower, P. O. Box 31009, Lusaka, on payment of a non refundable fee of K200,000, or in any freely convertible currency at the prevailing exchange rate in cash or Bank certified cheque.

**PLEASE NOTE THAT NO BID SECURITY IS REQUIRED FOR THIS TENDER.**

The Telephone numbers are 260-01-228633/227051-3 and Fax 260-01-220577. **HOWEVER TELEFAX OFFERS ARE NOT ACCEPTED.**

The closing date for receipt of bid, is at 14:00hrs local time on 22 September 2000. The bids will be opened in the Conference Room of the Zambia national Tender Board on the 13th Floor of Kulima Tower soon after in the presence of bidders or their representatives who choose to attend. Late offers will not be accepted.

E. M. M. Sikanyika (Mrs.)  
Board Secretary  
**ZAMBIA NATIONAL TENDER BOARD**

*You cannot build local construction capacity when there are no jobs for local consultants and contractors..., however, local capacity will be built up almost immediately when there are contracts for local firms to work on. -Mr. Phil Turner (Turner Construction)*

**National Council for Construction**

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Lusaka, Zambia

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Fax: 260-01-235856  
Email: ncc1@zamnet.zm

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ncc1@zamnet.zm

*Helping to  
develop Zambia*



## **News, forthcoming events and tenders**

### **A. NOTICE OF 1999/2000 ABCEC ANNUAL GENERAL MEETING**

The Association of Building and Civil Engineering Contractors (ABCEC) will hold its (Thirty-first) Annual General Meeting (AGM) on Wednesday 20th September 2000 at 11:30hrs at The Marco Polo Restaurant in the Lusaka Agricultural and Commercial Show grounds.

### **(and) CAUCUS MEETING FOR EXECUTIVE MEMBERS OF THE ABCEC**

There will be a CAUCUS MEETING for all Executive members of the ABCEC the same day (Wednesday 20th September 2000) to be held upstairs of the Marco Polo Restaurant.

For further details on the two events above, please get in touch with the ABCEC secretariat on TEL; 226440 or Fax: 233067 or E-mail: ABCEC@zamnet.zm

### **C. CONSTRUCTION INDUSTRY ANNUAL CLOSE DOWN**

THE ABCEC Secretariat has advised that the Annual Close Down for the Construction Industry will be from Saturday 23rd December 2000, to Sunday 7th January 2001 both days inclusive.

### **D. ENGINEERS INSTITUTE OF ZAMBIA HOLD AGM IN KITWE**

The Engineers Institute of Zambia (EIZ) held their 2000 Annual General meeting in Kitwe, during the weekend of Friday 18 and Saturday 19th August 2000. News from the AGM is that Mr. L Zulu the Chairman of the ACEZ has been elected to the EIZ Council; Congratulations.

### **D. SOUTHERN AFRICAN ASSOCIATION OF ARCHITECTS AND PLANNERS MEETING 30th AUGUST 2000 TO 2nd SEPTEMBER 2000**

The Southern African Association of Architects and Planners are at the time of going to press, holding their meeting in Bloemfontein, South Africa, from the 30th August 2000 to the 2nd September 2000. The Zambia Institute of Architects (ZIA) is being represented by its President, Architect Mwitumwa Mungandi.

### **E NCC TO TOUR THE COPPERBELT PROVINCE**

The National Council for Construction (NCC) has finalised plans to tour the Copperbelt Province as part of its familiarization and fact finding mission of the towns in the country. The Copperbelt tour will be conducted from the 19th to the 21st September 2000 and will see the NCC team meeting the new mine owners, the local Authorities Engineering Departments and the Copperbelt University.

## **THINKING OF ORGANISING A WORKSHOP/ CONFERENCE/SEMINAR? THEN CONTACT NCC SECRETARIAT**

The NCC, as part of its activities either on behalf of its members or for independent clients. Organises conferences, workshops and seminars on a variety of topics related to the Construction industry. Resource persons can be drawn if required from its membership of consultants, contractors and Government.

The NCC operates a full time secretariat which is

currently situated at Bau House, Plot 1125, Parirenyatwa road, Fairview. The NCC also provides the following services; Photocopying, fax, e-mail, typing and internet facilities.

To organise a workshop/conference/seminar the independent client or member organization will have to:

Make a request in writing

stipulating the type of service required

Pay a non-refundable commitment fee of US\$250

### **Contact persons:**

Dr. M.S. Mashamba -  
Executive Secretary :  
235856/763669

Francesca Imutowana,  
Conference Co-ordinator:  
235856/761678