



public works & roads

Department:
Public Works and Roads
North West Provincial Government
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF PUBLIC WORKS AND ROADS:

NATIONAL COUNCIL OF PROVINCES OVERSIGHT VISIT

THE SPECIAL MAINTENANCE AND APPURTENANT WORKS ON A SECTION OF NELSON MANDELA DRIVE (ROAD P28/5) BETWEEN DANVILLE AND DADA MOTORS

11 SEPTEMBER 2023



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PRESENTATION OVERVIEW

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PURPOSE OF THE REPORT

- **To provide National Council of Provinces with progress update on Special maintenance of Nelson Mandela drive – Road P28/5 from Aerodrome to Danville Intersection**



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PROJECT TEAM INVOLVED IN THE PROJECT

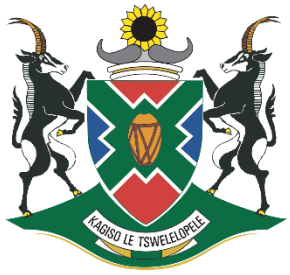
Name of Person	Company	Role in the Project
Simon Manoto	DPW&R	Project Leader – Oversee Construction
Thabang Molaola	DPW&R	Project Manager – Employer’s Representative on site
Leon Boshoff	Bigen Africa	Project Engineer – responsible for the designs and contract administration
Karen Soden	Bigen Africa	Project Manager – assistant to the Project Engineer
Dawie Swanepoel	Bigen Africa	Resident Engineer – responsible for quality assurance and measurements of quantities
Robson Ngqola	Khosivuyo Logistics	Director
Sabata Mothibedi	Khosivuyo Logistics	Construction Manager – responsible for road works construction



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Project No.	:PWR 124/20D – FA01
Project Sponsor	:Provincial Road Maintenance Grant
Consultant	:Bigen Africa Services (Pty) Ltd
Contractor	:Khosi Vuyo Logistics cc
Local Municipality	:Mahikeng Local Municipality
Contract amount	:R 47 002 948.21 (VAT Incl.)
Variation Order Approved	:R 32 415 980.35 (VAT Incl.)
Revised Contract Amount	: R79 418 928,56
Expenditure to date	:R 10 376 940.57 (VAT Incl.)
Commencement of Work	:10 January 2023
Planned Completion Date	:13 September 2023
Extension of Time	: 78 Calendar days
Approved Revised Completion Date	:30 November 2023
Physical Progress	:40%
Construction Time Elapsed	:61%



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2. SCOPE OF WORKS

- The Scope of Work includes the special maintenance on Nelson Mandela Road between Danville and Aerodrome road in Mahikeng Town as well as appurtenant works for approximately 4.5km.
- A phased approach for the execution of works was adopted:
- Phase 1A – Special maintenance entailing pothole patching and Asphalt overlay from Victoria Road to Molopo road and further on to Danville Intersection is purely pothole patching
- Phase 1B – Rehabilitation and intersection and stormwater improvements from Aerodrome Road to Victoria Road Intersection and routine maintenance and appurtenant works on the rest of the section of road within the budget amount
- Bulk Stormwater – As part of the Mahikeng Local Municipality Stormwater Master Plan a bulk stormwater culvert was added by means of a Variation Order to be installed under the southbound lane of Nelson Mandela Drive. Phase 1 to be implemented under this contract.



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3. PROGRESS OF WORKS

PLANNED ACTIVITIES	PROGRESS TO DATE
ACCOMMODATION OF TRAFFIC	Ongoing - 40%
DRAINS – including William Dick	Ongoing - 45%
PREFABRICATED CULVERTS	Ongoing – 31%
CONCRETE KERBING, CONCRETE CHANNELING, CHUTES & DOWNPIPES & CONCRETE LININGS FOR OPEN DRAINS	Ongoing – 5%
MASS EARTHWORKS	Ongoing – 50%
PAVEMENT LAYERS OF GRAVEL MATERIAL	Ongoing -40%



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3. PROGRESS OF WORKS

PLANNED ACTIVITIES	PROGRESS TO DATE
STABILISATION	Ongoing – 40%
CRUSHED STONE BASE	Ongoing – 40%
PATCHING POTHoles AND REPAIRING EDGE BREAKS	Completed – 100%
ASPHALT BASE AND SURFACING AND OVERLAYS	Ongoing – 40%
ROAD SIGNS	Not yet started
ROAD MARKINGS	Not yet started – Temporary markings for traffic accommodation only
FINISHING THE ROAD AND ROAD RESERVE AND TREATING OLD ROADS	Not yet started
CONCRETE BLOCK PAVING FOR ROADS	Not yet started



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4. EMPLOYMENT

EMPLOYMENT CREATION						
Number of People Engaged (Local)						
Category	Adult Male	Adult Female	Youth Male	Youth Female	Disabled	Total
Skilled	3	2	4	1	0	10
Unskilled	0	0	2	0	0	2
Total	3	2	6	1	0	12



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5. SUB-CONTRACTING

- Targeted Sub-Contracting for the Project is set at 30% of the Contract Value (excluding VAT, CPA, P&G's and Provisional Sum's) to be spent towards EME and QSE Contractors.
- Original Contract Value – R 47 002 948.21 (including VAT)
- The Targeted Value for Sub-Contracting is thus R 11 353 369.00
- To date 6 sub-contractors have been appointed and total amount paid to date is R 679 133.00



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5. SUB-CONTRACTING

Name of Subcontractor / Supplier	Locality	Company Owner Type	CIDB Rating	Task type (e.g. fencing, kerbing, etc.)	Training provided to Emerging Contractor	Date appointed	Date completed	Sub Contract Value
SUB CONTRACTORS								
Maely Enterprise	Local	SMME	CIDB 1	Mobile Toilets	No	28/Feb/23		R 72 000
Mico Brothers Security Service	Local	SMME		Security	No	28/Feb/23		R 408 480
Community Based Initiative	Local	SMME		Medicals	No			R 35 520
SUPPLIERS								
L & TJ Trading & Projects	Local	SMME		Supply and fit of kerbs				195 000.00
Like a Butterfly	Local	SMME		Riversand supply				55 000.00
All Access Willow	Local	SMME		Riversand supply				55 000.00

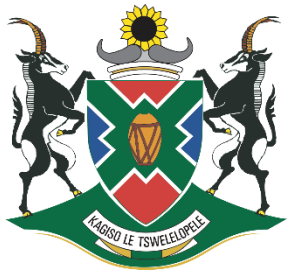


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6. Challenges and mitigation

CHALLENGES	MITIGATION ACTION
1. Continuous stoppages by community members demanding opportunities such as employment and sub-contracting	1. PSC, CLO and Social Facilitator intervene as and when the need arise
2. Contractor is behind schedule due to slow progress as a result of cashflow problems and lack of required resources and non-payment of sub-contractors	2. The contractor ramped up resources on site as a catch up plan
3. Traffic accommodation by the contractor not performed to the required standard	3. Monthly audit conducted and non compliance issued for the contractor to rectify
4. Storm Water control	4. Variation Order approved to install pipe culverts underneath the road
5. Complains by Road Users due to the construction activities	5. Pleading for patience until the road is complete



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Portable Culverts on Site



PAVED SECTION AERODROME TO WILLIAM DICK

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7. PHOTOS



WILLIAM DICK STORMWATER



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7. PHOTOS



PAVING TEAM ON SITE



RECYCLER STABILISING SUBBASE

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7. PHOTOS – STORMWATER INFRASTRUCTURE



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THANK YOU

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