

MSBA Madan Singh Bester & Associates cc

Consulting Civil & Structural Engineers



Roads



Civil Services



Structural Engineering



Community Projects



Project Management

COMPANY PROFILE

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Port Elizabeth
6070

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Port Elizabeth
6055

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PROFILE

SPECIALISATION:	Civil & Structural Engineering
AFFILIATION:	Engineering Council of South Africa (ECSA) Member of the South African Institution of Civil Engineering (SAICE)
LANGUAGES:	English Afrikaans Xhosa
PROFILE:	<p>Madan Singh Bester & Associates cc was founded in June 2002 in Port Elizabeth. The firm is a member of the Consulting Engineers South Africa (CESA). We offer consulting services in the field of Civil & Structural Engineering and Project Management. MSBA is a Qualifying Small Enterprise (QSE) as defined in the AMENDED CODE SERIES CSC000: FRAMEWORK FOR MEASURING BROAD-BASED BLACK ECONOMIC EMPOWERMENT IN THE CONSTRUCTION SECTOR as published on 1 December 2017. MSBA is fully computerised with the most advanced computer software. The firm specialises in consulting engineering services aimed at upliftment of communities through effective community liaison, labour intensive construction methods and appropriate and economical standard.</p> <p>This firm is a Black Owned Company, comprising 51% Equity of Black People. Our BBBEE status is certified as a Level 1 Contributor.</p> <p>Madan Singh Bester & Associates cc is committed to upholding engineering and professional standards and has adapted to the needs of the present working environment.</p>
MISSION STATEMENT:	<p>Madan Singh Bester & Associates cc is committed to:</p> <ul style="list-style-type: none">– Delivering creative, cost effective, value-added services, which produce sound engineering solutions.– Employing previously disadvantaged individuals who have not had access to the Civil Engineering Profession.– Providing in-house education and training to Technical and Administrative staff to enable them to improve their skills and learning capacity.

PROFICIENCIES

AFFIRMATIVE ACTION POLICY:

Madan Singh Bester & Associates cc is committed to upholding high Engineering and Professional Standards and has adapted to the needs of the present working environment in respect of:

- Meeting Customer Requirements.
- Black Economic Empowerment.
- Training and assistance to aspirant disadvantaged Engineers and Technicians (both male and female).
- Managing Labour Intensive contracts.
- Training our Engineers and Technicians to ensure Professional Registration with relevant bodies.
- Mentoring Learner Contractors

This will be achieved through the commitment and application of a Quality Management System complying with the ISO 9001:2015 requirements. The organization shall continually improve the effectiveness of the Quality Management System through the use of the quality policy, quality objectives, audit results, analysis of data, corrective actions, risk evaluation and management reviews.

TRAINING POLICY:

Madan Singh Bester & Associates cc has registered with CETA, Port Elizabeth and is committed to provide facility for Learnership to receive training through the CETA programme.

Our training will provide Technicians with sufficient experience to build roads, provide water, electricity, schools, clinics, housing and other essential services as well as give them the necessary financial and management skills.

The experience we offer will be sufficient for people to obtain Professional Registration and to start their own businesses.

MSBA recognises entry level requirements with bigger Clients such as SANRAL and is available as Targeted Enterprise for all tenders with SANRAL. We fully comply with the definition of Targeted Enterprise as contained in the Tender Documentation of SANRAL.

PROFICIENCIES

COMMUNITY PARTICIPATION:

Playing supporting role ensuring implementation of our Client's Contact Participation goals.

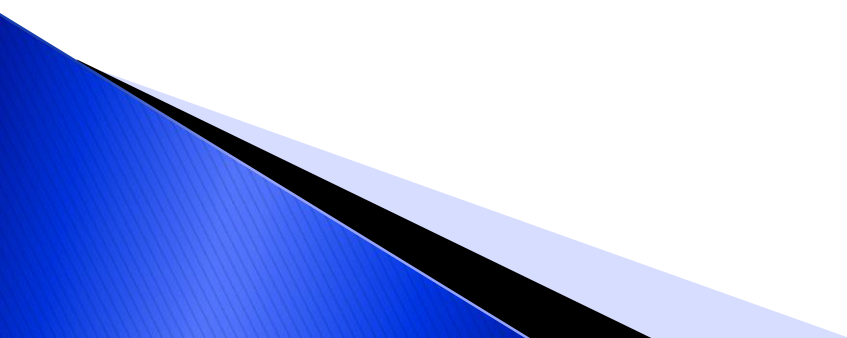
Ensure sound stakeholder facilitation and Community Liaison for our Clients.

Monitor, manage and implement structured training for development for Sub Contractors.

Facilitate good and sound procurement for our Clients' Sub Contractors.

Ensure best application in good governance, proper monitoring in supply chain management processes for our Clients.

Ensure our Client's social economic development and capacity building mandate in the affected communities, is met.



PROFESSIONAL & TECNNICAL STAFF

	NAME	YRS OF EXP.	QUALIFICATION	FIELD OF EXP.	HDI STATUS Y/N
Member	MKR. Singh	46	Pr. Eng., Pr. CPM. BSc. (Civil), HND, MSAICE, SABTACO	Civil & Structural & Project Management	Yes
Member	G. Bester	27	Pr. Eng., Pr. CPM, B. Ing. (Civil), Stell. MSAICE	Civil, Materials & Project Management	No
Member	MR. Abdul Ghany	25	Pr. Tech. Eng., ND: Civil, B. Tech. Eng. (Civil), BSc. Hons. (Civil), MSAICE, MIPET	Civil & Materials & Project Management	Yes
Member	M. Soni	30	Pr. Eng., B. Eng. (Civil), MSAICE, WISA	Civil & Structural	No
Member	C. Bezuidenhout	17	Pr. Tech. Eng., M. Tech., B. Tech. (Civil), (Transport)	Civil & Transport & Project Management	No
Senior Materials Technician	J. Zwiegelaar	20	ND: Eng. (Civil) B. Tech. (Civil)	Civil & Project Management	No
Resident Engineer	Stephen Gerber	28	Pr. Tech. Eng. (Civil), B. Tech. (Civil)	Civil	No
Technician	Lwando Nani	7	B. Tech. (Civil)	Civil	Yes
Community Participation Consulting Officer	Yonela Mnyamana	5	ND: Eng. (Civil)	Civil	Yes

REFERENCES

CLIENT	CONTACT PERSON
SANRAL SR	Mr. Roland Thompson Tel: 083 377 4617
	Ms. Marlize Nel-Verwey Tel: 083 309 8852
	Ms. Nasiphi Dinga Tel: 061 647 5662
	Mr. Iqbal Hoosen Tel: 083 283 6127
	Mr. Craig Hendricks Tel: 071 609 5686
	Mr. Moegtaar Madatt Tel: 071 609 5646
SANRAL WR	Mr. David Le Cordeur Tel: 021 957 4690
	Mr. Naashif Mowzer Tel: 021 957 4600
Department Roads & Public Works	Mr. Andrew Lane Tel: 082 555 3488
	Mr. Randall Moore Tel: 083 666 1597
	Mr. Sinethemba Ntsila Tel: 072 650 3155
Nelson Mandela Bay Municipality	Mr. Laure Pieterse Tel: 041 506 2209
	Mr. Matthew Hills Tel: 079 490 0911
Department of Transport	Mr. Al Soko Tel: 043 604 7426

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
SANRAL	South African National Roads Agency SOC Ltd
DRPW	Department Road & Public Work
NMBM	Nelson Mandela Bay Municipality
DOPW	Department of Public Works
DOW	Department of Works
DOT	Department of Transport

CURRENT PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	PROJECT PHASES
SANRAL	Periodic Maintenance (Repair & Reseal) on National Route N1 Section 11 from Mooifontein (km 45.6) to Colesberg (km 71.6)	N/A	R 16.024 mil (F)	Design Stage
SANRAL	Periodic Maintenance (Repair & Reseal) on National Route N1 Section 11 from Hanover Station (km 20.2) to Mooifontein (km 45.6)	N/A	R 16.024 mil (F)	Design Stage
SANRAL	Supervision of Slope Management on National Route 2 Section 6 from km 89.4 to km 91.4 Hartenbos	N/A	R 7,665 mil (F)	Construction Stage
Great Fishing Farming Enterprise	Proposed Lowlands Hydro-Power and Distribution Facility Number 3 for Vermaak Boerdery	N/A	R 250 000 (F)	Design & Construction Stage
Lowmar (Pty)	Proposed Lowlands Hydro-Power and Distribution Facility for Lowmar	N/A	R 250 000 (F)	Design & Construction Stage

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
CEMFORCE	Manufacture, supply and delivery of precast concrete VIP and pour-flush toilets, including site supervision for a period of three years.	N/A	R 20.0 mil (F)	Construction Stage
CEMFORCE	Verification of beneficiaries and approval of VIP & Low Flush Structures including Site Support for the Amathole District Municipality Sanitation Programme for 3 years.	MSBA as Sub Consultant	R 15.0 mil (F)	Construction Stage
Watch Tower	Wells Estate Client's Quality Control and Safety Representative	N/A	R 29 371 (F)	Complete
Umlaba Consulting Group	Traffic and Transport Management Plan for Kareedouw	MSBA as Sub Consultant	R 103 000 (F)	Reporting Stage complete
Go Metro	Investigation into the NMBM Metered Taxis Industry	N/A	R 732 000 (F)	Reporting Stage complete
NMBM	Professional Services for Borehole Implementation	N/A	R 6.67 mil (F)	Design & Construction Stage Complete
SANRAL	Routine Road Maintenance on National Routes R335 from Motherwell to Addo (km 54.30), R336 from Kirkwood to R75 (km 48.11) and R342 from Addo to N10 (km 24.55)	N/A	R 8.78 mil (F)	Complete
SANRAL	Supervision on the Special Maintenance of National Route R75 Section 4 from Jansenville (km -0.4) to R63 Intersection (km 59.1)	N/A	R 33 mil (F)	Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
DRPW	Routine Maintenance of Provincial Paved and Gravel Roads in the Eastern Cape (Kouga and Koukamma)	N/A	R 4.66 mil (F)	Complete
SANRAL	Routine Road Maintenance of National Route R75 Section 2 (km 5.60) to Section 4 (km 58.89) and R63 Section 7 (km 40.34) to Section 8 (km 23.10) between Uitenhage and EC Border	N/A	R 4.32 mil (F)	Complete
SANRAL	Routine Road Maintenance of National Route R67 Section 2 (km 0.00) to Section 5 (km 33.36) between Grahamstown and Queenstown	N/A	R 6.02 mil (F)	Complete
SANRAL	Routine Road Maintenance of National Route R72 Section 1 (km 0.00) to Section 4 (km 61.77) between Nanaga and East London Airport Turn Off	N/A	R 6.06 mil (F)	Complete
SANRAL	Routine Road Maintenance of National Route R63 Section 13 (km 0.00) to Section 16 (km 43.64) between Adelaide and N2	N/A	R 5.85 mil (F)	Complete
SANRAL	Routine Road Maintenance of National Route R63 Section 9 (km 0.00) to Section 12 (km 42.31) between R75 and Adelaide	N/A	R 5.82 mil (F)	Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
SANRAL	Repair and Resurfacing of National Route R67 Section 2 from Grahamstown (km 0) to Fort Beaufort (km 70.7)	Targeted Enterprise with Bosch Stemele	R 130 mil (P)	Complete
CHDM	Administration and Quality Control of Project: Region 1 – Engcobo	Makhetha	R 170 mil (P)	Complete
NMBM	Chatty Valley Collector Sewer Stage 1 (Nodes 20 – 24)	N/A	R 19.3 mil (P)	Complete
DRPW	Routine Road Maintenance of Provincial Paved Roads in Amathole District	N/A	R 4.33 mil (F)	Complete
DRPW	Routine Maintenance of Provincial Paved and Gravel Roads in Baviaans and Ikwezi Local Municipal Areas: Sarah Baartman District	N/A	R 5.33 mil (F)	Complete
SANRAL	Special Maintenance on National Route 2 Section 11 from Bramlin Interchange (km 22.7) to Soutwerke (km 50.7)	Targeted Enterprise (TE) with Bosch Stemele	R 120 000 (F as TE)	Complete
DOT	Development of a Provincial Strategy and Implementation Plan for the Provision and Management of Animal Pounds	N/A	R 459 947	Complete
NMBM	Completion of Motherwell Thusong – Traffic Licensing Centre	Principal Agent	R 3.4 mil (F)	Complete
SANRAL	Reseal of National Route R72 Section 1 between Nanaga (km 0) and Fonteinskloof (km 19.1)	N/A	R 500 000 (F)	Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
DOT	Development of a Provincial Road Safety Management System	N/A	R 488 658 (F)	Complete
DRPW	Flood Damage Repairs, Including Patch Gravelling, Blading, Drainage Improvements and Install Culvert / Causeway on Provincial Roads in the Makana, Ndlambe & Sundays River Valley Local Municipal Area	N/A	R 9.99 mil (F)	Complete
SANRAL	Project Management and Architectural Services for the New SANRAL Southern Region Office Building and Associated Works to be Built in Port Elizabeth	N/A	R 9.56 mil (F)	Complete
DRPW	Professional Consulting Engineering Services for Flood Damaged Repairs in Various Provincial Roads in Alfred Nzo (West)	N/A	R 50 mil (P)	Complete
DOT	Update and Compilation of the Eastern Cape Provincial Land Transport Framework (PLTF)	N/A	R 297 905 (F)	Complete
SANRAL	Repair and Reseal of National Route R72 Section 1 Fonteinskloof (km 19.2) to Alexandria (km 49.58)	N/A	R 500 000 (F)	Design & Documentation Complete
SANRAL	Resurfacing of National Route R72 Section 4 (km 8 to km 61.77) between Keiskamma River and East London Airport Turn Off	N/A	R 90 mil (P)	Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
SANRAL	Routine Maintenance on National Route R72 between Nanara and East London Airport Turn Off	N/A	R 58 mil (P)	Complete
DRPW	Routine Maintenance of Kouga and Koukamma	N/A	R 19.8 mil (P)	Complete
DRPW	Routine Maintenance Ngqushwa and Buffalo City (South)	N/A	R 19.9 mil (P)	Complete
CHDM	Cluster 6 Water Backlog: Mentoring and Administration for EPWP Learner Contractors	Makhetha	R 53.5 mil (P)	Complete
NMBM	Upgrading of Water Reticulation – Water Pipe between Glendore and Victoria Drive– Walmer	N/A	R 6 mil (P)	Complete
BKB	Investigation into Feasibility into Alternative Parking Arrangement to Improve on Security	N/A	R 81 250 (F)	Investigation Stage – Complete
DHS via Powerhouse Consortium	Temporary Structure Assessments	N/A	R 23 250 (F)	Assessment Stage Complete
DHS via Powerhouse Consortium	Alexandria 714 – Low Cost Housing	N/A	R 500 000 (P)	Construction Stage Complete
DHS via Powerhouse Consortium	Addo Valencia – Low Cost Housing	N/A	R 1 mil (P)	Evaluation Stage Complete
DHS via Powerhouse Consortium	Bushmans 269 – Low Cost Housing	N/A	R 500 000 (P)	Construction Stage Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
DHS via Powerhouse Consortium	Alexandria 401 – Low Cost Housing	N/A	R 37 mil (P)	Evaluation Stage Complete
DHS via Powerhouse Consortium	Moses Mabida – Low Cost Housing	N/A	R 10 mil (P)	Evaluation Stage Complete
DHS via Powerhouse Consortium	Enon Bersheba – Low Cost Housing	N/A	R 5 mil (P)	Evaluation Stage Complete
DHS via Powerhouse Consortium	Addo Nomathamsanqua 300 – Low Cost Housing	N/A	R 4 mil (P)	Evaluation Stage Complete
DHS via Powerhouse Consortium	Paterson 269 – Low Cost Housing	N/A	R 2 mil (P)	Evaluation Stage Complete
DRPW	Routine Maintenance of the R62 between Misgund and Humansdorp (Holding Contract)	N/A	R 14.8 mil (P)	Complete
DRPW	Routine Maintenance of the R72 between Nanaga and East London (Holding Contract)	N/A	R7.2 mil (F)	Complete
NMBM	Water Master Plan Review	N/A	R 300 000 (F)	Planning – Completed
NMBM	Design and Supervision of the Construction and Establishment of Motherwell Thusong Centre	N/A	R 20 mil (P)	On Hold
NMBM	Upgrading and Refurbishment of Swimming Pool: Re-instatement of the Zwide Swimming Pool	N/A	R 16 mil (P)	Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
DRPW	Construction of ± 5km of Road DR02769 to Morgans Bay by Labour Intensive Methods	N/A	R 17 mil (P)	Design Stage On Hold
NMBM	Evaluation of Reports, Drawings and Documentation submitted for Municipal Approval	N/A	R 25 000 (F)	1 st Assignment Complete
NMBM	Alterations and Additions for Conversion of the Oil Store, Deal Party	N/A	R 750 000 (F)	Complete
DRPW	East Coast Resort Road DR02730 & MR00686: Gonubie Intersection to N2 ± 31 km	N/A	R 420 mil (P)	Design Stage Complete
DOPW	Grahamstown Education District: General Repairs	N/A	Investigation	Investigation Complete
CDC	Design and Construction Monitoring of the Metals Cluster (Zone 5) Infill Area Infrastructure Development Project and Railway Yard and Siding	MSBA (Leading)/ Makhetha / CMB	R 325 mil (P)	Prelim Design Complete
CDC	Design & Construction Monitoring of the Metals Cluster (Zone 5) Infill Area Infrastructure Development Project	MSBA (Leading) / Makhetha / CMB	R 86 mil (P)	Complete
NMBM	Access to Chatty Development – Construction of Stanford Road Extension and Bloemendal Arterial	N/A	R 45.6 mil (P)	Complete

COMPLETED PROJECTS

CLIENT	DESCRIPTION	JV PARTNER/S	VALUE (P=Project F=Fee)	REMARKS
NMBM	Construction of Asphalt Sidewalks – Phase 1 – 4, 6, 7, 9, 11, 13, 14, 15, 16, 17, 18 and 19	N/A	R 42.5 mil (P)	Complete
NMBM	Upgrading of Perl Road, Korsten	N/A	R 5.2 mil (P)	Complete
DRPW	Patch and Reseal of Trunk Road 45: Section TR45/3 – Port Elizabeth to Peddie Road Intersection	N/A	R 61.6 mil (P)	Complete
CDC	Design & Construction of the Electronic & Technical Cluster (Zone 2) Infill Area Infrastructure Development Project – Phase 1, 2 and 3	BKS(Leading) /Makhetha / MSBA	R 122.7 mil (P)	Complete
NMBM	Shark River Syphon	N/A	R 20 000	Complete
NMBM	Chatty Bulk Water Main	N/A	R 3.4 mil (F)	Complete
NMBM	Upgrading Of Magennis Street Outfall Sewer Syphon	N/A	R 630 000 (F)	Complete
NMBM	Chatty Bulk Sewer Extension	N/A	R 6.1 mil (F)	Complete
DOPW	Motherwell Branch Court	N/A	R 2.9 mil (F)	Complete
DRPW	Upgrade of Road DR 08022: N2 to Sulenkama	MSBA (Leading) / LCE	R 269.4 mil (P)	Complete
DRPW	Eastern Cape Bridge Inspection	N/A	R 275 000 (F)	Inspection Complete

PARTICULAR PROJECT SUMMARY

CLIENT



SANRAL

Ms. N. Dinga

041 398 3220

LOCATION

R75

Jansenville

Eastern Cape

PROJECT COST

R 24.3 mil (Professional Fees Phase 1 and 2)

STATUS

Complete

CONTRACTOR

Tau Pele Construction (Pty) Ltd

SENIOR STAFF INVOLVED

Contracts Engineer

G. Bester Pr. Eng.,
Pr. CPM

Site Supervision:

S. Gerber – RE

Y. Mnyamana – ARE

SPECIAL MAINTENANCE OF NATIONAL ROUTE R75 SECTION 4 FROM KM 35.0 TO KM 51.0 PHASE 2



Madan Singh Bester and Associates cc (MSBA) were appointed for the provision of Tender Documentation, Contract Administration and Supervision Services. The construction period was 14 months for the repair and reseal of National Route R75 Section 4 km 35 to km 51. The project included restoration of layerworks from km 43 to km 51 (8 km in length) for which an existing quarry and borrow pit was utilised to produce all layerworks and seal aggregate. A 20mm cape seal was constructed on the new layerworks while a 14/7.1 double seal with S-E1 hot binder was used after surface and base repairs between km 35 and km 43.

Community Development (CD) works were carried out in Khanyiso and Nelsig Townships in Pearston.

The Project was successfully completed on 10 September 2021.

PARTICULAR PROJECT SUMMARY



SANRAL
Ms. N. Dinga
041 398 3220

LOCATION
R75
Jansenville
Eastern Cape

PROJECT COST
R 24.3 mil (Professional
Fees Phase 1 and 2)

STATUS
Complete

CONTRACTOR
Roadspan Surfaces (Pty)
Ltd

**SENIOR STAFF
INVOLVED**

Contracts Engineer
G. Bester Pr. Eng.,
Pr. CPM

Site Supervision:
S. Gerber – RE
S. Siyavuma – ARE

SPECIAL MAINTENANCE OF NATIONAL ROUTE R75 SECTION 4 FROM JANSENVILLE TO R63 INTERSECTION PHASE 1



Madan Singh Bester and Associates cc (MSBA) were appointed for the provision of Contract Administration and Supervision Services over a period of 10 months for the repair and reseal of National Route R75 Section 4 from Jansenville to R63 Intersection (km 59.1). One of the first SANRAL projects where a structured Mobilisation Period of two months was introduced before construction started in April 2019, to provide the Contractor the opportunity to establish Community Structures, identify and build communication structures with all role players and to develop and present the Community Participation Goal Plan (CPG-Plan) for acceptance, which was a contractual requirement of the Client to facilitate structured involvement of not only the local community, but also the local Targeted Enterprises.

The Project was successfully completed on 28 November 2019.

PARTICULAR PROJECT SUMMARY

CLIENT



NMBM

Mr. A. Gouws

041 506 2342

LOCATION

Motherwell

Port Elizabeth

Eastern Cape

PROJECT COST

R 3.4 mil Professional Fees

STATUS

Complete

CONTRACTOR

Siyaya Khaya

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng.,
Pr. CPM

Project Manager

G. Bester Pr. Eng.,
Pr. CPM

Contracts Engineer

G. Bester Pr. Eng.,
Pr. CPM

Site Supervision:

J. Zwiegelaar

Completion of Motherwell Thusong – Traffic Licensing Centre



Madan Singh Bester and Associates cc (MSBA) were appointed for the provision of Project Management and all associated Professional Services to complete the Thusong Office Building and associated site Works in Motherwell, Port Elizabeth. The Project Management team consisted of MSBA as the Project Managers, Thembela Architects as the Architects, RPE as Quantity Surveyors and Carifro as Mechanical and Electrical Engineers.

The project was an extreme fast track project as construction of the original building was never completed. To facilitate the fast track requirement of the Client, different packages for construction was implemented by making use of local Maintenance Contractors mainly, with Specialised Contractors for certain services.

The final product allows the NMBM to utilise the building to its full potential. Construction cost was limited to R 20 mil by the Client's budget requirements.

PARTICULAR PROJECT SUMMARY



SANRAL

Ms. M. Nel-Verwey
041 398 3220

LOCATION

Bay West City
Port Elizabeth
Eastern Cape

PROJECT COST

R 9 mil Professional
Fees

STATUS

Complete

CONTRACTOR

N/A

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng.,
Pr. CPM
C. Bezuidenhout, Pr.
Tech Eng.

Project Manager during Concept and Design Review Stage:

C. Bezuidenhout, Pr.
Tech Eng.

Engineer:

G. Bester Pr. Eng.,
Pr. CPM

Project Management and Architectural Services for the New SANRAL Southern Region Office Building and Associated Works Built in Port Elizabeth



Madan Singh Bester and Associates cc (MSBA) were appointed for the provision of Project Management and Architectural Services for the New SANRAL Southern Region Office Building and Associated Works to be built in Port Elizabeth. The Project Management team consisted of MSBA as the Project Managers, Thembele Architects as the Architects and WSP as the Green Building Specialists.

MSBA's original appointment was amended to exclude Project Management services during construction. The building makes provision for the rapidly growing SANRAL Southern Region staff contingent and was specifically designed to meet the needs of the different departments.

The final product is an exquisite and modern office building that managed to achieved a 5 Star Green Building rating which was a first for Port Elizabeth.

PARTICULAR PROJECT SUMMARY

CLIENT



CHDM

Mr. Trevor Stander
045 808 4729

LOCATION

Region 1 – Engcobo
Eastern Cape

PROJECT COST

R177 937 332.97

STATUS

Complete

CONTRACTOR

Izwelethu Cemforce

SENIOR STAFF INVOLVED

Design:

C. Bezuidenhout Pr.
Tech. Eng.

Project Manager :

Z. Buys B. Tech

Engineer:

Z. Buys B. Tech

Eliminating Rural Sanitation Backlog in
Chris Hani District Municipality
Region 1 – Engcobo



Madan Singh Bester and Associates (MSBA) in Joint Venture with Makhetha Development Consultants was appointed by the Chris Hani District Municipality (CHDM) to provide Administration and Quality Control during the Contract to Eliminate Rural Sanitation Backlog in the Region 1 – Engcobo Local Municipal Area for a period of 8 years and 5 months from February 2011 to June 2019.

The original appointment was for a period of 3 years but due to the unavailability of adequate funding the project target was only reached over a period of approximately 8.5 years.

During the contract duration a total of 23 842 beneficiaries benefited from this project by receiving a VIP toilet.

PARTICULAR PROJECT SUMMARY

CLIENT



NMBM

Mr. Charl Booyens
041 506 2342

LOCATION

Booyens Park, Chatty
Port Elizabeth
Eastern Cape

PROJECT COST

R 45.6 mil

STATUS

Completed

CONTRACTOR

Kaulani Civils South
(Pty) Ltd

SENIOR STAFF INVOLVED

Design:

C. Bezuidenhout, Pr.
Tech Eng.

Project Manager:

G. Bester Pr. Eng.

Engineer:

G. Bester Pr. Eng

Site Supervision:

I. Smit

B. Nyembe

Access to Chatty Development: Construction of Stanford Road Extension and Bloemendal Arterial



The very important and necessary new road infrastructure link between the old Uitenhage Road (MR448) and Bethelsdorp was designed and supervised by highly competent staff of MSBA in Port Elizabeth. The design allowed for, and will be fully compatible with possible future implementation of the Bus Rapid Transport System of the Nelson Mandela Metropolitan Municipality. Substantial challenges during construction were overcome and the project was successfully completed in 27 months. Street lighting was included in the Scope of Works to provide for additional Safety during night time when visibility is poor.

The communities of Chatty, Kleinskool, Booyens Park, Bethelsdorp, Uitenhage and Despatch will benefit in quicker and safer traveling, and ultimately benefit from the effects of an improved economy which starts with construction of new roads.

PARTICULAR PROJECT SUMMARY

CLIENT



NMBM

Mr. Z. Renison

041 506 2171

LOCATION

Walmer

Port Elizabeth

PROJECT COST

R 4.2 mil

STATUS

Completed

CONTRACTOR

Omega Civils (Pty) Ltd

SENIOR STAFF INVOLVED

Design:

C. Bezuidenhout, Pr.
Tech. Eng.

Project Manager:

C. Bezuidenhout Pr.
Tech. Eng.

Engineer:

G. Bester Pr. Eng

Site Supervision:

C. Bezuidenhout Pr.
Tech. Eng.

Upgrading of Water Reticulation – Water Pipe between Glendore and Victoria Drive in Walmer



Madan Singh Bester and Associates (MSBA) was appointed by the Nelson Mandela Bay Municipality (NMBM) to provide consulting services for the upgrading of water reticulation in general industrial and residential areas within the NMBM.

Water was required for the new Walmer Link Housing development, next to Victoria Drive in Walmer, by end March 2012. The required pipeline was a high priority as a result of the development in progress.

The existing 315mm dia. pipe in Glendore Road was successfully linked to the existing 225mm dia. water pipe, next to the Walmer Country Club entrance, in Victoria drive, by means of a new 315mm dia uPVC Class 9 pipeline of approx. 3km

PARTICULAR PROJECT SUMMARY

CLIENT



DRPW

Mr. M. Sonqishe

Tel: 043 704 6643

LOCATION

Eastern Cape

PROJECT COST

R 19.9 mil

STATUS

Completed

CONTRACTOR

ABE – 1st contract

Wasserman – 2nd

Contract

SENIOR STAFF

INVOLVED

Design:

G. Bester Pr. Eng.

Project Manager:

G. Bester – 1st

Z. Buys. 2nd Contract

Engineer:

G. Bester Pr. Eng

Site Supervision:

Buyisile Nyembe

Routine Maintenance Buffalo City, Great Kei and Ngqushwa Municipalities



Madan Singh Bester and Associates (MSBA) was appointed by the Department Roads & Public Works (DRPW) to provide consulting services for routine maintenance of provincial roads in Amathole District.

This contract includes link roads from N2 to R72 at Great Fish River(MR521), Peddie(R345), King William's Town (R346, R347 & R102) as well as roads such as Buffalo Pass(MR504) Wild Cost Jikeleza Route (DR2730) and R349 from N2 to Kei Mouth and Morgan's Bay.

With limited budget of roughly R 30 000 per km per year, Routine Road Maintenance activities were prioritised, managed and administrated over a period 3 years from 2011 to 2014 the 1st contract and 2015 to 2018 for the 2nd contract.

Instructions were given such that roads were maintained in such a manner to always mitigate risk where risk is at the highest.

PARTICULAR PROJECT SUMMARY

CLIENT



DRPW

Mr. Marius Keyser
Tel: 041 403 6001

LOCATION

Eastern Cape

PROJECT COST

R 19.8 mil

STATUS

Completed

CONTRACTOR

Penny Farthing
Engineering

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng.,
Pr. CPM

Project Manager:

G. Bester Pr. Eng.,
Pr. CPM

Engineer:

G. Bester Pr. Eng.,
Pr. CPM

Site Supervision:

J. Zwiegelaar

Routine Maintenance of Kouga and Koukamma Municipality



Madan Singh Bester and Associates (MSBA) was appointed by the Department of Roads and Public Works (DRPW) to provide consulting services for routine maintenance of the R62 between Misgund and Humansdorp for a period of 3 years from June 2011 to June 2014.

SANRAL later took over maintenance responsibilities for the R62 and the scope of work was amended to include all provincial paved roads within the Kouga and Koukamma Local Municipalities. This increased the length of road to be maintained from 225km to 372km

With a limited budget of approximately R 17 700 per km per year, routine road maintenance activities were carefully prioritised, managed and administrated in order to ensure the least amount of risk to the Client.

PARTICULAR PROJECT SUMMARY

CLIENT



NMBM

Mr. Sithembile
Magwaca
041 503 7152

LOCATION

Port Elizabeth
Eastern Cape

PROJECT COST

R 16 mil
MSBA/NOH/CMB/RPE
JV

STATUS

Completed

CONTRACTOR

Alfdav Construction

SENIOR STAFF INVOLVED

Design:

I. Smit
Z. Buys
C. Bezuidenhout

Project Manager:

C. Bezuidenhout

Engineer:

G. Bester Pr. Eng

Site Supervision:

C. Bezuidenhout

Upgrading and Refurbishment of Swimming Pools: Re-Instatement of Zwide Swimming Pool



The existing abandoned structure of the old Zwide Swimming Pool had to be demolished to make way for a new modern Olympic size swimming pool and state of the art facilities to serve the community of Zwide in Port Elizabeth.

MSBA was appointed as Principle Agent and was also responsible for the structural and civil engineering portion of the works. Other disciplines included in the professional team were an Architect, Quantity Surveyor, Mechanical and Electrical Engineers.

The scope of the works included Detail Design of Civil Services, Construction Supervision and Contract Management during the course of the project. Innovative water management systems, which included rainwater harvesting and a borehole, were implemented on site as a result of a serious drought encountered during the construction phase of the project.

PARTICULAR PROJECT SUMMARY

CLIENT



Coega Development Corporation
Mr. Willie Olivier
041 403 0453

LOCATION

Coega, Port Elizabeth
Eastern Cape

PROJECT COST

R 220 mil
MSBA / Makhetha /
CMBU JV

STATUS

Completed

CONTRACTOR

WK Construction

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng
(MSBA)

Project Manager:

Z. Buys

Engineer:

R. Luttig

Site Supervision:

T. Riley (RE)
A. Singh (ARE)
M. Sonamzi

Design & Construction Monitoring of the Metals Cluster (Zone 5) Infill Area Infrastructure Development Project



Through a Project Proposal submitted by MSBA / MAKHETHA / CMBU Joint Venture for the Consulting Services for the Design & Construction Monitoring of the Metals Cluster (Zone 5) Infill Area Infrastructure Development Project, the Coega Development Corporation appointed the Joint venture 7 August 2006 for this assignment. As Lead Consultant, MSBA has phased the project to facilitate management of funding and investor specific needs optimal. Part 1 of the works, which includes all municipal infrastructure, civil and electrical, is programmed for completion by September 2009. Part 2 is pending until investor specific requirements are finalised and will be installed within a 6 month period after commencement. The scope of the works includes design and construction management of roads, stormwater, water, sewer, electrical substations & cabling, street lighting and telecommunication services.

PARTICULAR PROJECT SUMMARY

CLIENT



Department Roads &
Public Works
Mr. Jo Xoko
082 447 9833

LOCATION

Eastern Cape

PROJECT COST

R 60 mil

STATUS

Completed

CONTRACTOR

Haw & Inglis (Pty) Ltd

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng

Engineer:

G. Bester Pr. Eng

Site Supervision:

Resident Engineer:

T. Du Randt

R. Luttig

Assistant Resident
Engineer:

B. Mhlawuli

Patch and Reseal of Trunk Road 45:
Section TR 45/3 – from Port Alfred
to Peddie Road Intersection



District Road R72 was resealed with a split seal after remedial work has been carried out, such as pothole repair, shoulder edge break and rutting. Upgrading of Intersections at Kleinemonde and Riet River were included in the works. One major challenge during the Project was to prioritising work in a very structured manner with a restricted Budget while the condition of the existing road deteriorated at a significant rate. Sections of the road were milled and stabilised in-situ. Traffic was accommodated by means of Stop/Go facilities, closing half widths of sections of the road. This project was successfully completed in May 2007.

PARTICULAR PROJECT SUMMARY

CLIENT



Coega Development Corporation
Mr. Willie Olivier
041 403 0453

LOCATION

Coega, Port Elizabeth
Eastern Cape

PROJECT COST

R 83 mil (Phase 1)
R 77 mil (Phase 2)
R 51 mil (Phase 3)
BKS(Lead Partner)/
Makhetha / MSBA JV

STATUS

Completed

CONTRACTOR

Newport Construction
(Phase 1 & 3)
Rumdel Construction
(Phase 2)

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng
(MSBA)

Engineer:

G. Meyer (BKS)

Site Supervision:

A. Singh
B. Jele

Design & Construction of the Electronic & Technical Cluster (Zone 2) Infill Area Infrastructure Development Project



The Joint Venture was appointed on 18 June 2004 for this assignment.

The Project was phased to facilitate management of funding and investor specific needs. Phases 1, 2 and 3 have been completed successfully, by three different contractors under three different contracts.

MSBA were responsible for storm water design, Specification and Construction monitoring. Design of the Storm water included for modelling the zone for the 1:2 and 1:50 year floods incorporating storm water attenuation ponds at strategic positions.

PARTICULAR PROJECT SUMMARY

CLIENT



NMBM

Mr. Steward Ferguson
041 506 2414

LOCATION

Port Elizabeth
Eastern Cape

PROJECT COST

R 166 000

STATUS

Completed

CONTRACTOR

Amafela Construction

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng

Engineer:

G. Bester Pr. Eng

Site Supervision:

Ian Smit

Chatty Extension 12 & 13: Trunk Water Main 450 GRP



Construction of a bulk water line using 450mm diameter double bell couplings GRP pipes.

PARTICULAR PROJECT SUMMARY

CLIENT



NMBM

Mr. Butch Julyan
041 506 2439

LOCATION

Port Elizabeth
Eastern Cape

PROJECT COST

R 6.1 mil

STATUS

Completed

CONTRACTOR

Masakeni Civils

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng

Engineer:

G. Bester Pr. Eng

Site Supervision:

Jacques Zwiendelaar
Anton Crouse

Chatty Extension 12 & 13: Bulk Sewer Extension



Construction of a bulk sewer line using 450mm – 600mm diameter FC pipes in the Chatty Area provides sanitation to all the future residents of Chatty.. A challenge during design of the line was to stay clear of the 1:100 year flood plane adjacent to the proposed development. Procurement of the material from it's only source in Zimbabwe proved to be problematic. The associated contractual claim of the Contractor was "ruled out" by the mediator after a long battle. The Contract was completed successfully in September 2004.

PARTICULAR PROJECT SUMMARY

CLIENT



Department of Public Works

Mr. Frans van Zyl
041 408 2041

LOCATION

Motherwell, Port Elizabeth
Eastern Cape

PROJECT COST

R 24.5 mil

STATUS

Completed

CONTRACTOR

Dekon

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng

Engineer:

Architect &
J. Zwiegelaar

Site Supervision:

H. De Beer

Motherwell Branch Court – Construction New Building



MSBA provided all the Civil Engineering Services for the Magisterial Court in Motherwell. Civil Services included Bulk earthworks for the underground cells and tunnel link from new Police Station, Road works, sewer, storm water and special constant water pressures system including pressure vessel, pumps and storage tank.

PARTICULAR PROJECT SUMMARY

CLIENT



Department Roads &
Public Works
Mr. John Ross
082 457 8987

LOCATION

Eastern Cape

PROJECT COST

R 278 MIL
MSBA / Lukhozi JV

STATUS

Completed

CONTRACTOR

Haw & Inglis (Pty) Ltd

SENIOR STAFF INVOLVED

Design:

G. Bester Pr. Eng

Engineer:

G. Bester Pr. Eng

Site Supervision:

Acting Resident
Engineer:
G. Hanafey

Senior Clerk of Works:
B. Mhlawuli

Junior Clerk of Works:
A. Koti

Upgrading of District Road DR08022
from N2 (Near Qumbu) to Sulenkama



Upgrading of District Road DR 08022 to a Class 3 surfaced standard road, from the N2 just north of Qumbu, serving and ends just beyond the Nessie Knight Hospital, was completed within the contractual period of 27 months. All road construction material was sourced from on-site by establishing a new hard rock dolerite quarry and the utilization of a number of borrow pits, all controlled under relevant environmental legislation.

The Expanded Public Works Programme was included in the Project Specification and the Local Resource achievement was 13.4%.