

PROJECT No.:
-

PROPOSED NEW DEVELOPMENT

ZOETVLEI VENUE

PATERSON

PROJECT ENGINEERING FEE BUDGET

PREPARED BY: ELWANDLE PROJECTS
RYNO ERASMUS

ONBEHALF OF: H.GOUWS



2001/001 094/23

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T/A Elwandle Projects

TEL: 041 - 583 6125

FAX: 041 583 4998

CELL: 082 576 9548

esias@elwandle.com

ZOETVLEI VENUE

DESCRIPTION : WET WORKS

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ITEMS	UNITS	RATE	QTY	TOTALS
CONSTRUCTION ESTIMATE FOR BUILDING WORKS				
<u>FOUNDATIONS AND BASES</u>				
<u>FOUNDATIONS (800 X 300):</u>	125,00			
1000mm DEEP EXCAVATIONS IN SOFT MATERIAL	m3	R185,00	100,0	R 18 500,00
25/19 MPA CONCRETE TO FOUNDATIONS	m3	R1 450,00	30,0	R 43 500,00
REINFORCEMENT TO FOUNDATIONS	KG	R18,50	2100,0	R 38 850,00
<u>BASES (1200 x 1200 x 350):</u>	20,00			
1000mm DEEP EXCAVATIONS IN SOFT MATERIAL	m3	R185,00	28,8	R 5 328,00
25/19 MPA CONCRETE TO FOUNDATIONS	m3	R1 450,00	10,1	R 14 616,00
REINFORCEMENT TO FOUNDATIONS	KG	R18,50	806,4	R 14 918,40
<u>CONCRETE SLABS</u>				
<u>340mm CAST INSITU FIRST FLOOR SLAB</u>	95,00			
Formwork to soffit and sides	m²	R385,00	95,0	R36 575,00
25Mpa Concrete to floors	m³	R1 450,00	32,3	R46 835,00
Reinforcement to slabs	Kg	R18,50	2907,0	R53 779,50
<u>340mm CAST INSITU FIRST FLOOR SLAB</u>	95,00			
Formwork to soffit and sides	m²	R385,00	95,0	R36 575,00
25Mpa Concrete to floors	m³	R1 450,00	32,3	R46 835,00
Reinforcement to slabs	Kg	R18,50	2907,0	R53 779,50
<u>BEAMS</u>				
<u>270 X 425mm RC BEAMS (FIRST FLOOR)</u>	20,00			
FORMWORK TO BEAM SOFFIT AND SIDES	m2	R385,00	22,4	R8 624,00
25/19 MPA CONCRETE TO BEAMS	m3	R1 450,00	2,3	R3 327,75
REINFORCEMENT TO BEAMS	KG	R18,50	275,4	R5 094,90
<u>270 x 3000 x 2500 mm RC Walls</u>	5,00			
FORMWORK TO BEAM SOFFIT AND SIDES	m2	R385,00	69,2	R26 622,75
25/19 MPA CONCRETE TO BEAMS	m3	R1 450,00	10,1	R14 681,25
REINFORCEMENT TO BEAMS	KG	R18,50	1215,0	R22 477,50
<u>STEEL STRUCTURE</u>				
Steel Structure @ 24Kg/m²	Kg	R50,00	9120,0	R 456 000,00
SUB TOTAL CARRIED FORWARD TO STRUCTURAL FEE ESTIMATE				R946 919,55

SUMMARY PAGE

PRELIMINARY COST ESTIMATE



STRUCTURAL WORKS

DESCRIPTION	TOTALS
1 Structural Cost Estimate brought forward from page one	R946 919,55
NETT TOTAL FOR CONSTRUCTION APPLICABLE TO STRUCTURAL ENGINEERS APPOINTMENT :	R946 919,55
PRELIMINARIES AT 10,0%	R94 691,96
NETT TOTAL FOR CONSTRUCTION APPLICABLE TO STRUCTURAL ENGINEERS APPOINTMENT :	R1 041 611,51
PROFESSIONAL FEE AS FOLLOWS: STRUCTURAL	
VALUE OF WORK: R 1 041 611,51	
PRIMARY FEE %	OVER R106 300,00 2
BALANCE OF COSTS AT 15	R 850 000,00 R28 741,73 3
SUB TOTAL FOR STRUCTURAL FEES	R 135 186,73 4
CREDIT ON STRUCTURAL FEES 30,0% LESS:	-R 40 556,02 5
PROPOSED ENGINEERING FEES FOR STRUCTURAL WORKS:	R 94 630,71
(Excl. VAT)	4+5

Note:

The fee estimate above includes the following items:
SANS form 2 & Form 4

- Design Structural Drawings & bending schedules
- Site Inspections During Construction

- Our quote does not include a Geotechnical Investigation

Fees will be raised as progress payments as follows:

- 30% At start of construction
- 10% Every month thereafter until full fees are invoices