

Item No		Quantity	Amount
59	Articles of value Fixed: _____ Value related: _____ Time related: _____	Item	
60	Inspection of adjoining properties Fixed: _____ Value related: _____ Time related: _____	Item	
<u>4: MANAGEMENT OF CONTRACT</u>			
61	Management of the works Fixed: _____ Value related: _____ Time related: _____	Item	
62	Programme for the works Fixed: _____ Value related: _____ Time related: _____	Item	
63	Progress meetings Fixed: _____ Value related: _____ Time related: _____	Item	
64	Technical meetings Fixed: _____ Value related: _____ Time related: _____	Item	
65	Project steering committee meetings Fixed: _____ Value related: _____ Time related: _____	Item	
66	Labour and plant records Fixed: _____ Value related: _____ Time related: _____	Item	
<u>5: SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u>			
67	Samples of materials Fixed: _____ Value related: _____ Time related: _____	Item	
68	Workmanship samples Fixed: _____ Value related: _____ Time related: _____	Item	
Carried to Collection		R	
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Item No		Quantity	Amount
69	Shop drawings Fixed: _____ Value related: _____ Time related: _____	Item	
70	Compliance with manufacturer's instructions Fixed: _____ Value related: _____ Time related: _____	Item	
<u>6: TEMPORARY WORKS AND PLANT</u>			
71	Deposits and fees Fixed: _____ Value related: _____ Time related: _____	Item	
72	Enclosure of the works Fixed: _____ Value related: _____ Time related: _____	Item	
73	Advertising Fixed: _____ Value related: _____ Time related: _____	Item	
74	Plant, equipment, sheds and offices Fixed: _____ Value related: _____ Time related: _____	Item	
75	Main notice board Fixed: _____ Value related: _____ Time related: _____	Item	
76	Subcontractors' notice board Fixed: _____ Value related: _____ Time related: _____	Item	
<u>7: TEMPORARY SERVICES</u>			
77	Location Fixed: _____ Value related: _____ Time related: _____	Item	
78	Water Fixed: _____ Value related: _____ Time related: _____	Item	
Carried to Collection		R	
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Item No		Quantity	Amount
79	Electricity Fixed: _____ Value related: _____ Time related: _____	Item	
80	Telecommunication facilities Fixed: _____ Value related: _____ Time related: _____	Item	
81	Ablution facilities Fixed: _____ Value related: _____ Time related: _____	Item	
<u>8: PRIME COST AMOUNTS</u>			
<u>9: ATTENDANCE ON N/S SUBCONTRACTORS</u>			
82	General attendance Fixed: _____ Value related: _____ Time related: _____	Item	
83	Special attendance Fixed: _____ Value related: _____ Time related: _____	Item	
84	Commissioning - fuel, water and electricity Fixed: _____ Value related: _____ Time related: _____	Item	
<u>10: FINANCIAL ASPECTS</u>			
85	Statutory taxes, duties and levies Fixed: _____ Value related: _____ Time related: _____	Item	
86	Payment for preliminaries Fixed: _____ Value related: _____ Time related: _____	Item	
Carried to Collection			R
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Item No		Quantity	Amount
12.1.3	Interest of agents		
[2.4]	Details: None		
12.1.4	Defined works area		
[3.1]	Details: As defined in the tender drawings issued		
12.1.5	Geotechnical investigation		
[3.2]	Details: See Annexure 4		
12.1.6	Existing premises occupied		
[3.4]	Specific requirements:		
12.1.7	Previous work - dimensional accuracy		
[3.5]	Details: None		
12.1.8	Previous work - defects		
[3.6]	Details: None		
12.1.9	Services - known		
[3.7]	Details: As defined in the tender drawings issued		
12.1.10	Protection of trees		
[3.9]	Specific requirements: None		
12.1.11	Inspection of adjoining properties		
[3.11]	Specific requirements:		
12.1.12	Enclosure of the works		
[6.2]	Specific requirements: None		
12.1.13	Offices		
[6.4.3]	Specific requirements:		
12.1.14	Main notice board		
[6.5]	Specific requirements: Yes		
Carried to Collection		R	
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Item No		Quantity	Amount
12.1.15	Subcontractors' notice board		
[6.6]	A notice board is required		
	Specific requirements:		
		NO	
12.1.16	Water		
[7.2]	Option A (by contractor)		
	Option B (by employer - free of charge)	YES	
	Option C (by employer - metered)	NO	
		NO	
12.1.17	Electricity		
[7.3]	Option A (by contractor)		
	Option B (by employer - free of charge)	YES	
	Option C (by employer - metered)	NO	
		NO	
12.1.18	Telecommunications		
[7.4]	Telephone		
	Facsimile	YES	
	E-mail	NO	
		YES	
12.1.19	Ablution facilities		
[7.5]	Option A (by contractor)		
	Option B (by employer)	YES	
		NO	
12.1.20	Protection of existing/sectionally occupied works		
[11.2]	Protection is required		
		NO	
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Item No		Quantity	Amount
12.1.21	Special attendance		
[9.2]	Subcontractor (1) details:		
	Subcontractor (2) details:		
	Subcontractor (3) details:		
	Subcontractor (4) details:		
12.1.22	Protection of works		
[11.1]	Specific requirements:		
12.1.23	Disturbance		
[11.5]	Specific requirements: The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent		
12.1.24	Environmental disturbance		
[11.6]	Specific requirements:		
12.2	POST TENDER INFORMATION		
12.2.1	Payment of preliminaries		
[10.2]	Option A (prorated) Option B (calculated)		
12.2.2	Adjustment of preliminaries		
[10.3]	Option A (three categories) Option B (detailed breakdown)		
12.2.3	Additional agreed preliminaries items Details:		
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Item No		Quantity	Amount
105	<p>C4 IMPORTED MATERIALS AND EQUIPMENT</p> <p>Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment to be completed by tenderer)</p> <p>Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
106	<p>C5 SECURITY CHECK OF PERSONNEL</p> <p>The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified</p> <p>In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
107	<p>C6 PROHIBITION ON TAKING OF PHOTOGRAPHS</p> <p>In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister</p> <p>The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
108	<p>C7 OVERTIME</p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
		Carried to Collection	R
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Item No		Quantity	Amount
109	C8 CONTRACT INSTRUCTIONS Contract instructions issued on site are to be recorded in triplicate in a contract instruction book which is to be maintained on site by the contractor Fixed: _____ Value related: _____ Time related: _____	Item	
110	C9 GUARANTEES AND MAINTENANCE MANUALS The contractor shall obtain and hand over to the principal agent on practical completion, all relevant guarantees, any operating and maintenance instruction manuals, data or instructions required by the principal agent or provided by manufacturers, suppliers or sub-contractors. The contractor shall ensure that all warranties and guarantees received are fully ceded to the Employer on final completion, failing which the release of the Construction Guarantee or Retention amount will be withheld until this is satisfactorily complied with. Fixed: _____ Value related: _____ Time related: _____	Item	
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C10 TENDER SUM TO BE FULLY INCLUSIVE

The Tender Sum is deemed to be the fully inclusive price for the finished work described and is deemed to include inter alia for :

- The supply of all materials
- Labour of every description including additional costs incurred in working overtime, weekends, public holidays, etc. to meet the stipulated programme dates.
- All making, transport, conveying, cartage, carriage and delivery, etc.
- Taking delivery, unloading, storing, unpacking, hoisting or lowering, settings, fixing and building into positions, cutting and waste, templates, patterns and models.
- Provision and maintenance of all plant, equipment, machines, trucks and other vehicles, tackle, tools, staging, sheds, stores and temporary works necessary for the due and proper performance of the contract works, establishment charges and all fuel, operating costs and depreciation to plant, equipment, etc.
- All applicable import taxes and duties
- Overheads and profit
- All obligations arising out of the Bills of Quantities and all costs and charges deemed necessary for complying with the terms and conditions of contract herein.

All charges required by the contractor in connection with Preliminaries, site establishment and the like.

Fixed: _____ Value related: _____ Time related: _____

Quantity

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Item No		Quantity	Amount
112	<p>C11 OVERLOADING</p> <p>The tenderer shall prior to submitting their tender determine from the structural engineer any constraints and limitations in respect of works to be executed over slabs, etc. which have load limitations.</p> <p>The Contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works, The contractor shall submit details of his proposed loading, storage, plant erection etc., to the principal agent for their approval prior to proceeding with such loading, storing, erecting or executing work and shall comply with and pay for the engineers requirements in connection with the provision of temporary support work etc. Any damage caused by the works by overloading shall be made good by the contractor at his sole expense.</p> <p>Notwithstanding any approval given by the principal agent, the contractor shall be entirely responsible for damage to the works caused by overloading which damage shall be made good by the contractor at his sole expense.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
113	<p>C12 LOCATION OF TEMPORARY BUILDINGS AND TEMPORARY SERVICES</p> <p>The contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding and services, etc. required for his own and sub-contractors use during the construction and maintenance period.</p> <p>There is no guarantee given or implied that site conditions will be such that the contractor will be able to erect such temporary works, offices, stores and temporary accommodation within the site boundaries and it shall be the contractors responsibility to adopt whatever measures he deems necessary in this regard and obtain all necessary permission and pay all costs in connection therewith.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
114	<p>C13 REMOVAL AND MAKING GOOD OF TEMPORARY WORKS, ETC. ON COMPLETION</p> <p>The contractor shall remove all temporary works, roads, services and the like used for this contract and shall make good to the entire satisfaction of the principal agent any damage resulting therefrom.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
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Item No		Quantity	Amount
115	<p>C14 MODEL PREAMBLES FOR TRADES AND STANDARD SYSTEM OF MEASUREMENT</p> <p>Tenderers are referred to the Model Preambles for Trades (2008 Edition) as published by the Association of South African Quantity Surveyors for the full descriptions and specifications of items included in these bills of quantities. Descriptions in the bills of quantities generally appear in brief form and the Model Preambles and supplementary preambles shall be deemed to apply fully to and augment the descriptions of the relevant items. Tenderers must study the Model Preambles before pricing these bills of quantities and all prices shall be deemed to include for the provisions of the Model Preambles for Trades.</p> <p>The tenderers attention is also specifically drawn to the "it shall be deemed clauses" in the 7th edition of the Standard System.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
116	<p>C15 COMMODITIES TO BE NEW</p> <p>All commodities, goods, articles or materials to be used in the Works are to be new except where re-use of existing is specified and are to be handled, stored, used and/or fixed with care to ensure that they are in perfect condition when incorporated in the works and thereafter properly protected so as to ensure that they are likewise in perfect condition when handed over at completion of the works.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
117	<p>C16 SHOP DRAWINGS</p> <p>The term "shop drawings" shall mean drawings, layout drawings, diagrams, illustrations, schedules, performance charts, brochures, operating manuals and other such data which are prepared by the contractor or any sub-contractor, manufacturer, supplier or distributor and which illustrate some portion of the work. The contractor shall ensure that all shop drawings required for the works in terms of this contract, all nominated/selected sub-contracts and/or any contract instruction, are prepared and submitted timeously in accordance with the following procedure:</p> <p>(a) Three prints of shop drawings of all fabricated work, working or setting out drawings, shop details and schedules shall be submitted to the principal agent, for approval. Such work shall not be carried out until such approval has been given.</p> <p>(b) Shop drawings shall be submitted to the principal agent for approval at least two weeks prior to the date on which such approval is required in order to comply with the contract programme.</p> <p>(c) All submissions shall be prepared in accordance with the contract drawings and</p>		
	Carried to Collection	R	
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specifications and/or any principal agents instructions and any deviation shall be specifically highlighted in writing, with a detailed reason explanation of the reason for such deviation together with any cost and/or time implications.

Delays in approval of shop drawings due to non-compliance with drawings, specifications and/or principal agents instructions shall not constitute grounds for any claims for delay, extension of time and the like.

(d) When the principal agent advises that shop drawings have been approved, the original transparencies of such drawings shall immediately be submitted to the principal agent so that the the principal agent's stamp of approval may be appended thereto. Thereafter, four prints of the approved shop drawings, setting out drawing and schedules shall be furnished to the Architect. As many prints of the shop drawings and schedules as required shall also be furnished to the works. No work shall be performed in accordance with drawings and/or catalogues not stamped with the principal agent's approval.

(e) The contractor, sub-contractor or supplier. as the case may be, shall be responsible for ensuring that all dimensions affecting shop drawings conform to the dimensions of built work.

(f) The principal agent's approval of shop drawings is limited to checking conformity with specification and shall not relieve the contractor, sub-contractor or supplier of his responsibility for design, erection or installation fit, nor does it vary his contractual or delictual obligations and liabilities.

(g) Should the contractor, sub-contractor or supplier be of the opinion that corrections to the shop drawings made by the principal agent constitute a change to the scope of work, then he shall immediately advise the principal agent in writing of this, together with the cost of and/or programme implications thereof, in order to obtain the principal agent's directive.

(h) One copy of the final approved set of "shop drawings" is to be submitted to the Quantity Surveyor for purposes of remeasurement.

Fixed: _____ Value related: _____ Time related: _____

Quantity

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Item No		Quantity	Amount
118	<p>C17 MODE OF PROCEDURE</p> <p>Notwithstanding anything to the contrary contained herein, the principal agent at all times reserves the right to direct the order in which the various parts of the contract are to be executed. The contractor shall give priority to any individual section or portion of the works that, in the opinion of the principal agent, requires to be expedited.</p> <p>Should it appear, in the principal agent's opinion, that work in any area is not being executed in accordance with the requirements of the contract programme, the contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the principal agent and to the contractor's cost.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
119	<p>C18 UNAUTHORISED PERSONS/WORKMEN ON PREMISES</p> <p>The contractor shall at all times strictly exclude all unauthorised persons from the Works and the site and shall set up notice boards to that effect.</p> <p>No workmen or labourers (except security guards) are allowed under any circumstances to sleep or deposit any kit on the premises. The contractor must provide any necessary independant shelter or shed required for any labour or watchmen on site to the approval of the principal agent.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
120	<p>C19 METHOD STATEMENT</p> <p>The tenderer shall produce, where required to do so by the principal agent, a Method Statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the works. Any approval given or observation made by the principal agent shall not relieve the contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due proper and timeous execution of the works.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
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Item No		Quantity	Amount
121	C20 ENCROACHMENT During the course of the building operations, the contractor shall be held entirely responsible for any encroachment onto any adjoining properties, buildings, etc. or servitudes and the cost of any remedial measures as required by the principal agent shall be borne by the contractor. Fixed: _____ Value related: _____ Time related: _____	Item	
122	C21 NON CESSION OF MONIES The contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract. Fixed: _____ Value related: _____ Time related: _____	Item	
123	C22 CO-OPERATION OF CONTRACTOR FOR COST MANAGEMENT It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The principal agent undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors Fixed: _____ Value related: _____ Time related: _____	Item	
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Item No		Quantity	Amount
	<p>C23 HIV/AIDS AWARENESS</p> <p>It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) is obtainable on the Department's website <http://www.public works.gov.za/> under "Consultants Guidelines", and shall be deemed to be incorporated under this Section of the Bills of Quantities. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained</p> <p>The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment</p>		
124	<p>C23.1 AWARENESS CHAMPION</p> <p>Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
125	<p>C23.2 AWARENESS WORKSHOPS</p> <p>Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
126	<p>C23.3 POSTERS, BOOKLETS, VIDEOS, ETC.</p> <p>Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
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127	<p>C23.4 ACCESS TO CONDOMS</p> <p>Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>
128	<p>C23.5 MONITORING</p> <p>Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>
29	<p>C24 OCCUPATIONAL HEALTH AND SAFETY ACT</p> <p>The contractor shall comply with all the requirements set out in Annexure 3, and its supporting annexures, incorporated within these Bills of Quantities.</p> <p>The Contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the Principal Agent, notwithstanding the provisions of Clause A 31 of "Section 1" or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the Contractor provides satisfactory proof of compliance. The Contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.</p> <p>The Contractor shall, in submitting his bid, demonstrate that he has made provision for the cost of compliance with the specified health and safety requirements, the Act and Construction Regulations.</p> <p>Provision for pricing of the Occupational Health and Safety Act, Construction Regulation and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>
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<p>93</p> <p>T.M. M R.D. BN</p> <p>14 Jan</p> <p>Re J SM</p>	

PRINCIPAL CONTRACTORS NAME HERE

! * Health & Safety Bill of Quantities

Date:

Client: South African Police Service

Contract Number: TBC

Project: Proposed Nsuzi Police Station

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (R)
1	<u>PPE:</u>				
1.1	Hi Visibility conti-suit	Annual/ As required or needing replacing			R -
1.2	Hi- Visibility T-Shirts	Annual/ As required or needing replacing			R -
1.3	Steel Toe-Capped Safety Boots	Annual/ As required or needing replacing			R -
1.4	Hi-Visibility Safety Vest	Annual/ As required or needing replacing			R -
1.5	SABS Approved Hard Hat	Annual/ As required or needing replacing			R -
1.6	Hi-Visibility Rain Suits	Annual/ As required or needing replacing			R -
1.7	Steel Toe Capped Gumboots	Annual/ As required or needing replacing			R -
1.8	Dust Masks (Stipulate FFP):	Annual/ As required or needing replacing			R -
1.9	Safety Glasses	Annual/ As required or needing replacing			R -
1.10	Gloves (Stipulate Type):	Annual/ As required or needing replacing			R -
1.11	Double Lanyard Safety Harnesses (Short & Long Lanyards as required)	Annual/ As required or needing replacing			R -
1.12	Work Positioning Lanyards	Annual/ As required or needing replacing			
1.13	Other:	Annual/ As required or needing replacing			R -
2	<u>Training:</u>				
2.1	Safety Representative Training	Once Off			R -
2.2	First Aider Training	Once Off			R -
2.3	Fire Fighting Training	Once off			R -
2.4	Legal liability	Once off			R -
3	<u>H&S Salaries:</u>				
3.1	CHS Officer 1	Monthly			R -
3.2	CHS Officer 2 (If Required)	Monthly			R -
3.3	Other:	Monthly			R -
4	<u>Specific H&S Items:</u>				
4.1	H&S File including H&S Plan (as per H&S Specification, Section 5.10.31 on page 88 and Section 5.1.3, on page 13)	Once off & as updates are required			R -
4.2	Fall Protection Plan (as per Section 5.1.6 H&S Specification on page 20)	Once off & as updates are required			R -
4.3	Medicals (For all staff)	Pre-placement, Annual & Exit			R -
4.4	Spill Kits	As required or needing replacing			R -
4.5	Accommodation of Traffic (as per Client tender BOQ)	Once off			R -
4.6	Inductions	Start Up & Annual			R -
4.7	First Aid Kits	Once off & replacement once used/expired			R -
4.8	Fire Extinguishers	Once off/as needing replacing & Servicing			R -
4.9	Showers (Ladies and Men's as per CR30(1)(a))	Once off & Cleaning			R -
4.10	Toilets (Ladies and Men's 1:15 ratio as per Section 5.10.30 H&S Specification on page 85)	Once off & Servicing & Cleaning			R -
4.11	Weatherproof Changeroom (Ladies and Men's as per CR30(1)(c))	Once off & Cleaning			R -
4.12	Weatherproof Sheltered Eating Area (as per CR30(1)(d))	Once off & Cleaning			R -
4.13	Suitable Accommodation for Employees (as per CR30(2))	Once off & Cleaning			R -
4.14	Solid Barricading for Excavations (scaffold or speedfence type material)	As required or needing replacing			R -
4.15	Fencing for Site Camp & Work Areas (Weldmesh and timber poles: min fence height of 1.8m high)	As required or needing replacing			R -
4.16	Barrier Netting	As required or needing replacing			R -
4.17	Transportation of Workers (where required as per CR23(2)(h), (i) & (j) and section 5.10.30 of the H&S Specification on page 85)	As required			R -

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5	<u>Safety Signage:</u>					
5.1	Construction Boards & SWP Number Board	Once off			R	-
5.2	Fire Extinguisher	Once off			R	-
5.3	Directional signs	Once off			R	-
5.4	Emergency Assembly point	Once off			R	-
5.5	No Smoking	Once off			R	-
5.6	Ladies and Men's Toilets	Once off			R	-
5.7	No Naked Flames	Once off			R	-
5.8	Other:	Once off			R	-
Total:						-

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Safety Officer (CR8(5))

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Construction Manager (CR8(1))

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Item No		Quantity	Amount
130	<p>C25 COMMUNITY LIAISON OFFICER (CLO)</p> <p>UTILISATION OF A COMMUNITY LIAISON OFFICER</p> <p>The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer (CLO) for the full duration of this contract.</p> <p>A CLO will be identified by the local structures of the ward areas and appointed following fair and transparent interviewing process, to be conducted in the presence of local structures and the contractor representative, in order to assist the Contractor in the procurement of any local labour, etc. required for this project. The Contractor is to liaise with the CLO and afford him any assistance needed in ensuring sound working relations with the local community.</p> <p><u>Key Responsibilities of the CLO are envisaged to include and not necessary be limited to:</u></p> <ol style="list-style-type: none"> 1. Assisting local leadership in conducting skills and resources audit which facilitates sourcing labour from within the ward or targeted areas for employment, as required by contractor 2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the Contractor. 3. Assisting the Contractor by identifying areas of potential conflict and or threats to the project or to stakeholders in the project and recommend appropriate action to the contractor. 4. Assisting Contractor and stakeholders in the project in the resolution of any conflict which may arise. 5. Establishing and ensuring that sufficient and open communication channels between the Contractor and the work force are maintained. 6. Establish and ensuring that efficient and open communication channels between the Contractor and the community are maintained. 7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications. 8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommendation to the Contractor regarding the grievances and solution thereto. 9. Attending to site meetings and project implementation meetings as required by the Contractor and prepare periodic reports as may be required by the Contractor from time to time. 		
	Carried to Collection	R	
	<p>SECTION NO. 1 - PRELIMINARIES</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>NSUZE POLICE STATION</p>		

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Item No		Quantity	Amount
	<p>10. Attending to such other duties which are consistent with the functions of a CLO, as may be required by the Contractor from time to time.</p> <p>11. Tenderers are to price twice the rate of skilled local labour rate against this item for any and all costs arising out of compliance with the foregoing and in the event of a Tenderer failing to price against this item or making inadequate financial provision against this item for compliance as aforesaid, then no claim for costs or additional cost incurred will be entertained by the Head: SAPS.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
131	<p>C26 USE OF LOCAL SMME's</p> <p>It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprises (SMME's) involved in the project. This is required to be done through the use of both traditional building techniques and labour intensive construction techniques, careful and considered construction planning Provision for pricing of compliance with the aforementioned is made under this clause and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained</p> <p>(a) SMME's involvement of at least 30% of the contract value to be sourced from within a specified range from the project site</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	Carried to Collection	R	
	<p>SECTION NO. 1 - PRELIMINARIES</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>NSUZE POLICE STATION</p>		

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SECTION NO.2

BILL NO. 1

EARTHWORKS (PROVISIONAL)

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

Nature of ground

The nature of the ground is assumed to be silty sand, clayey
sand and sandy gravel material, therefore "earth", but
possibly interspersed with "soft rock" or "hard rock"

Trial holes indicate that the nature of the ground is silty sand
to a depth of approximately 500mm with fine to medium
clayey sandy material below, therefore "earth"

A soils investigation has been carried out on the site by the
engineer and the report is annexed to these bills of
quantities. The soils report indicates that the ground varies
between silty sand, clayey sand and sandy gravel, all of which
will be deemed as "earth". All very hard unweathered shale,
ironstone, etc, the removal of which necessitates the use of
explosives or heavy duty hydraulic percussion hammers
(peckers), will be classified as "hard rock"

Subterranean water

No subterranean water is expected

Carting away of excavated material

Descriptions of carting away of excavated material shall be
deemed to include loading excavated material onto trucks
directly from the excavations or, alternatively, from stock
piles situated on the building site

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Bill No. 1
Earthworks (Provisional)
NSUZE POLICE STATION

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Filling and layer work materials

References such as "G1", "G2", etc and "C1", "C2", etc in descriptions of filling and layer work materials refer to corresponding references in the document "Guidelines for Road Construction Materials. TRH 14 : 1985" compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter

Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material

Testing

Prices for filling are to include for all necessary density and other tests in accordance with SABS 1200D

CPAP WORK GROUP

Unless otherwise stated all items in this bill will be Work Group 104

EARTHWORKS

EXCAVATION, FILLING, ETC OTHER THAN BULK

Excavation in soft material not exceeding 2m deep

1	Trenches	m3	1 323
2	Holes	m3	68
3	Reduced levels under floors, aprons, etc	m3	1 289

Extra over trench and hole excavations in earth for excavation in

4	Soft rock	m3	268
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SECTION NO. 2 - BUILDINGS
Bill No. 1
Earthworks (Provisional)
NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
5	Hard rock	m3	134	
	<u>Extra over all excavations for carting away</u>			
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	1 742	
	<u>Risk of collapse of excavations</u>			
7	Sides of trench and hole excavations not exceeding 1,5m deep	m2	3 583	
	<u>Keeping excavations free of water</u>			
8	Keeping excavations free of water other than subterranean water	Item		
	<u>Earth filling supplied by the contractor under surface beds, etc</u>			
9	Over site of G5 material in accordance with SABS 1200 DM compacted to 98% Mod AASHTO density	m3	351	
10	Over site of G7 material in accordance with SABS 1200 DM compacted to 98% Mod AASHTO density	m3	351	
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u>			
11	Under floors, steps, pavings, etc	m3	164	
12	Backfilling to trenches, holes, etc	m3	775	
	<u>Earth filling supplied by the contractor compacted to 98% Mod AASHTO density</u>			
13	Under floors, steps, pavings, etc	m3	187	
14	In benches, etc	m3	3	
	<u>Stone filling of 19-25mm broken stone</u>			
15	On floors etc	m3	4	
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Item No		Quantity	Rate	Amount
	<u>Compaction of surfaces</u>			
16	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	2 338	
	<u>Soil insecticide</u>			
17	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc filling in furrows and ramming	m2	2 338	
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Earthworks (Provisional)

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Earthworks (Provisional)

NSUZE POLICE STATION

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BILL NO. 2

**CONCRETE, FORMWORK AND
REINFORCEMENT**

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

Cost of tests

The costs of making, storing and testing of concrete test
cubes as required under clause 7 "Tests" of SABS 1200 G shall
include the cost of providing cube moulds necessary for the
purpose, for testing costs and for submitting reports on the
tests for approval. The testing shall be undertaken by an
approved independent firm or institution nominated by the
contractor (test cubes are measured separately)

Formwork

Descriptions of formwork shall be deemed to include use and
waste only (except where described as "left in" or
"permanent"), for fitting together in the required forms,
wedging, plumbing and fixing to true angles and surfaces as
necessary to ensure easy release during stripping and for
reconditioning as necessary before re-use

The vertical strutting shall be carried down to such
construction as is sufficiently strong to afford the required
support without damage and shall remain in position until the
newly constructed work is able to support itself

Formwork to soffits of solid slabs etc shall be deemed to be to
slabs not exceeding 250mm thick unless otherwise described

Formwork to soffits of slabs, beams, etc shall be deemed to
be propped up exceeding 1,5m and not exceeding 3,5m high
unless otherwise described

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Bill No. 2

Concrete, Formwork & Reinforcement

NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
8	Pavings cast in panels	m3 62		
9	Slabs including beams and inverted beams	m3 248		
10	Isolated beams	m3 21		
11	Vanity slabs, cupboard slabs, cover slabs, benches etc	m3 2		
12	Walls	m3 29		
13	Columns	m3 12		
14	Thickening out edge of 150mm thick slab to 300mm thick x 600mm wide at top tapering along both edges to 300mm wide at bottom including additional formwork, excavation, etc.	m 27		
<u>CONCRETE TESTING</u>				
15	Allow for all necessary concrete test cubes size 150 x 150 x 150mm cast from batches of concrete required for the entire contract as specified, made, stored, cured and tested in accordance with SABS Methods 861 and 863, including use of approved cube moulds, transporting to an approved testing laboratory for testing, paying all charges and submitting reports to the Engineer	No 50		
<u>CONCRETE SUNDRIES</u>				
<u>Finishing top surfaces of concrete smooth with a wood float (Class U2)</u>				
16	Surface beds, slabs, etc.	m2 1 716		
17	Paving to falls	m2 622		
18	Vanity slabs, cover slabs, etc	m2 14		
<u>30MPa non-shrink grout</u>				
19	Bedding approximately 25mm thick under 250 x 250mm base plate including chamfered edges all round	No 41		
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Item No		Quantity	Rate	Amount
32	Sloping and stepped outer edges of stairs not exceeding 300mm high extreme	m	2	
<u>SMOOTH AND FAIR FORMWORK (DEGREE OF ACCURACY I)</u>				
<u>Smooth formwork to soffits</u>				
33	Slabs propped up not exceeding 1.5m high	m2	7	
34	Slabs propped up exceeding 1,5m and not exceeding 3,5m high	m2	634	
<u>Smooth formwork to sides</u>				
35	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	20	
<u>REINFORCEMENT (PROVISIONAL) (WORK GROUP 114)</u>				
<u>Mild steel reinforcement to structural concrete work</u>				
36	8mm Diameter bars	t	15.33	
37	10mm Diameter bars	t	14.50	
38	12mm Diameter bars	t	11.80	
39	16mm Diameter bars	t	0.60	
40	20mm Diameter bars	t	0.60	
41	25mm Diameter bars	t	1.40	
<u>High tensile steel reinforcement to structural concrete work</u>				
42	8mm Diameter bars	t	11.00	
43	10mm Diameter bars	t	10.20	
44	12mm Diameter bars	t	12.50	
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Item No			Quantity	Rate	Amount
45	16mm Diameter bars	t	0.60		
46	20mm Diameter bars	t	0.60		
47	25mm Diameter bars	t	1.40		
<u>Welded high tensile steel fabric reinforcement</u>					
48	Type Ref. 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	2 358		
49	Type Ref. 245 fabric reinforcement in concrete surface beds, slabs, etc	m2	39		
50	Type Ref. 315 fabric reinforcement in concrete surface beds, slabs, etc	m2	562		
51	Type Ref. 888 fabric reinforcement in concrete surface beds, slabs, etc	m2	1 604		
<u>Welded high tensile steel mesh reinforcement to Project 5 star specifications</u>					
52	100 x 200 x 5mm thick high tensile steel mesh built between skins of perimeter walls	m2	1 112		
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Concrete, Formwork & Reinforcement

NSUZE POLICE STATION

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BILL NO. 3

MASONRY

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

BRICKWORK

Sizes in descriptions

Where sizes in descriptions are given in brick units, "one
brick" shall represent the length and "half brick" the width of
a brick

Face bricks

Bricks shall be ordered timeously to obtain uniformity in size
and colour

Pointing

Descriptions of recessed pointing to fair face brickwork and
face brickwork shall be deemed to include square recessed,
hollow recessed, weathered pointing, etc

STONework

Slate, marble, granite, etc

Slate, marble, granite, etc is to be best quality stone from an
approved quarry free from cracks and other defects and
equal to samples to be submitted to and approved by the
architect. Each stone is to hold its fullsize, square to the back
and to be set on its natural quarry bed

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Bill No. 3

Masonry

NSUZE POLICE STATION

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Setting out

Care shall be exercised in setting out the work, the preparation of templates and the checking of the detail drawings. All measurements shall be taken on the site where necessary and the full size setting out of each course shall be done at the yard so as to ensure the proper fitting of each stone

Before putting any work in hand the contractor is to submit to the architect for his approval details of the manner in which he proposes to set out the slabs and joints in all wall facings, pavings, sills, treads, etc together with samples of grain or pattern matching

Face labours

Face labours are to match samples to be submitted to and approved by the architect

Arrises are to be clean and sharp except to treads and thresholds where they are to be slightly rounded

Bedding and jointing

Slate, marble, granite and other floor paving and wall linings are to be bedded solidly on the mortar thicknesses described and are to have tightly fitting butt joints unless otherwise stated

Where stonework is to be fixed with adhesive, the adhesive is to be "Ardurit X76" or other approved. The contractor will be liable for any defects to the slate, marble and granite arising from the use of the adhesive

Where soffit linings are suspended the suspension system must be concealed and must be submitted to the architect for approval before work commences

Where tolerance screws are required these are to be stainless steel expanding bolt type with matching stainless steel bracket and PVC clad dowel with nuts and washers etc

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Bill No. 3

Masonry

NSUZE POLICE STATION

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Damaged work

All stonework damaged must be discarded and replaced at the contractor's expense. No touching up will be permitted except in exceptional cases with the architect's consent

Descriptions

Descriptions of stonework shall be deemed to include preparatory work, labours to backs, beds and joints, templets, mortices for bolts etc and for hoisting and setting in position, bedding, jointing and pointing, casing and protecting from injury and cleaning down at completion

Descriptions of recessed pointing to stonework shall be deemed to include square recessed, hollow recessed, weathered pointing, etc

SAMPLES

Samples of all masonry and stonework building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site

CPAP WORK GROUP

Unless otherwise stated all items in this bill will be Work Group 116

FOUNDATIONS (PROVISIONAL)

Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar

1	Half brick walls	m2	122
2	One brick walls	m2	647
3	One and half brick walls	m2	13
4	Two brick walls	m2	15

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Masonry
NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
	<u>Brickwork of NFX Engineering bricks (32 MPa nominal compressive strength) in class I mortar</u>			
5	Half brick walls	m2	25	
6	One brick walls	m2	438	
7	One and half brick walls	m2	34	
	<u>SUPERSTRUCTURE</u>			
	<u>Brickwork of NFP bricks in class II mortar</u>			
8	Half brick walls	m2	382	
9	Half brick walls in beamfilling	m2	31	
10	One brick walls	m2	1 450	
11	One brick walls circular on plan	m2	11	
12	One brick walls in beamfilling	m2	31	
13	Two brick walls	m2	45	
	<u>Brickwork of NFPE Engineering bricks in class II mortar</u>			
14	Piers	m3	0.4	
15	Half brick walls	m2	53	
16	Half brick walls in beamfilling	m2	29	
17	Half brick walls in bench seating	m2	11	
18	One brick walls	m2	1 027	
19	One brick walls in bench seating	m2	8	
20	One and half brick walls	m2	91	
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Item No		Quantity	Rate	Amount
	<u>BRICKWORK SUNDRIES</u>			
21	Extra for building brickwork to oversailing face with each course projecting 55mm	m2 15		
	<u>Bagging of 1:3 cement and sand mixture</u>			
22	On brick surfaces	m2 119		
	<u>Brickwork reinforcement (Provisional)</u>			
23	75mm Wide reinforcement built in horizontally	m 2 839		
24	150mm Wide reinforcement built in horizontally	m 19 269		
25	230mm Wide reinforcement built in horizontally	m 407		
	<u>Pre-stressed precast concrete fabricated lintels</u>			
26	110 x 70mm Lintels in lengths not exceeding 3m	m 262		
27	110 x 70mm Lintels in lengths exceeding 3m and not exceeding 4,5m	m 30		
	<u>Turning pieces</u>			
28	115mm Wide turning piece to lintels, etc	m 48		
	<u>Galvanised hoop iron cramps, ties, etc</u>			
29	40 x 1,6mm Roof tie 500m long with one end fixed to timber and other end built into brickwork or concrete	No 260		
	<u>FACE BRICKWORK</u>			
	<u>Face bricks (PC R 11 000-00 per 1000 excluding VAT delivered to site) pointed with Concave (Bucket Handle) joints</u>			
30	Extra over brickwork for face brickwork	m2 1 724		
31	Extra over brickwork for brick-on-edge header course lintel	m 217		
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	Masonry			
	NSUZE POLICE STATION			






Item No		Quantity	Rate	Amount
	<u>Brick-on-edge header course copings, sills, etc of Face Brick (PC R 11 000-00 per 1000 excluding VAT delivered to site) face bricks pointed with concave (bucket handle) joints on all exposed faces</u>			
32	Coping on top of one brick wall	m 72		
33	150mm Wide sill set sloping and slightly projecting	m 126		
	<u>STONE WALL LININGS ETC</u>			
	<u>"Smartstone" or equal approved</u>			
34	"Country Cladding" or equal approved stone wall cladding minimum 25Mpa in mixed sizes with minimal jointing (Colour: Inhaca)	m2 212		
35	Fair edge to linings	m 337		
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NSUZE POLICE STATION

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BILL NO. 4

WATERPROOFING

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for Trades 2008 Edition before pricing this bill

Waterproofing

Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee to SABS 021 as applicable. Waterproofing to roofs shall be laid to even falls to outlets, etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs

CPAP WORK GROUP

Unless otherwise stated all items in this bill will be Work Group 120

DAMPPROOFING OF WALLS AND FLOORS

One layer of 375 micron "Consol Plastics Brikgrit DPC" or equal approved embossed damp proof course

1	In walls	m2	375	
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One layer of 250 micron "Consol Plastics Gunplas USB Green" or equal approved waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape" or equal approved tape

2	Under surface beds, paving, etc.	m2	2 338	
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Bill No. 4
Waterproofing
NSUZE POLICE STATION


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Item No		Quantity	Rate	Amount
	<u>Two coats "Brixeal" or equal approved bitumen emulsion waterproof coating</u>			
3	On bagged brick walls	m2	119	
	<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>			
	<u>"Sika Cemflex" or equal approved membrane waterproofing</u>			
4	On shower walls	m2	23	
5	On bathroom floors	m2	18	
6	Additional membrane at 50mm diameter outlet	No	3	
	<u>"Lifetime" or equal approved waterproofing sealant</u>			
7	On flat roofs	m2	1 142	
8	On tops and sides of inverted beams	m2	711	
9	Additional membrane at 75mm diameter outlet	No	21	
10	Additional membrane at 210mm diameter outlet	No	6	
	<u>4mm "Derbigum SP" or equal approved fully bonded waterproofing</u>			
11	Flashing strip 300mm girth at turn-ups including sealing top edge into groove with mastic	m	758	
	<u>PROTECTIVE STONE DRESSING</u>			
	<u>19mm Crushed stone dressing evenly spread with larger stones around outlets</u>			
2	50mm Thick on waterproofing to flat roofs	m2	1 142	
	<u>PROTECTIVE ROOFING PAINT</u>			
	<u>Two coats "Silvakote" or equal approved bituminous aluminium paint</u>			
13	On waterproofing to roofs	m2	1 142	
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Item No		Quantity	Rate	Amount
	<u>FLAT ROOF INSULATION</u>			
	<u>"Isoboard" or equal approved</u>			
14	High density 32-36kg/m ³ rigid extruded polystyrene 100% closed cell insulation boarding 50mm thick x 600mm wide with shiplap joints laid tightly butted on waterproofing membrane secured under 50mm stone dressing (waterproofing and stone elsewhere)	m2	1 142	
	<u>JOINT SEALANTS, ETC</u>			
	<u>Silicone sealing compound</u>			
15	Pointing joint between window frames and brickwork	m	626	
	<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>			
16	10 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary	m	712	
	<u>"SikaFlex 1A" or equal approved polyurethane based, non-sag elastomeric sealant</u>			
17	6 x 12mm In saw cut joints in floors	m	385	
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Waterproofing

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Waterproofing

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BILL NO. 5

ROOF COVERINGS, ETC

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

Roof covering

Roof coverings and side cladding is to comply with SABS Code
of Practice 0237 as applicable.

The roof sheeting shall be laid under a 5 (five) year written
guarantee of site workmanship and water tightness.

The Contractor is to submit a certificate signed by the
merchant, stating that the roof covering supplied complies
with the required thickness specified.

The Contractor will obtain an approval of installation
certificate from the supplier and submit to the Architect
before practical completion.

CPAP WORK GROUP

Unless otherwise stated all items in this bill will be Work
Group 124

PROFILED METAL SHEETING AND ACCESSORIES

0,58mm thick "ZincAl (AZ150)" or equal approved IBR
profile corrugated galvanised steel sheeting with ColorPlus
Rainforest coated finish to one side and a cool grey backing
coat with side laps sealed fixed to timber purlins or rails
using Class 3 fasteners with drilled fixing holes, installed as
per manufacturers instructions

1 Roof covering with pitch not exceeding 25 degrees

m2

1 496

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SECTION NO. 2 - BUILDINGS

Bill No. 5

Roof Coverings

NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
2	Apex flashing 462mm girth three times bent included serrated closers and poly-closers	m	158	
3	Ridge capping 462mm girth three times bent	m	46	
4	Hip capping 462mm girth three times bent	m	118	
5	Barge flashing 462mm girth three times bent	m	49	
6	"Sondor" or equal approved polyclosures to suit profile of roof sheeting	m	483	
<u>ROOF LIGHTS</u>				
<u>"Rainbow Skylight" or equal approved skylights fixed to concrete roof as per manufacturers instructions</u>				
7	"Standard Moulded Rainbowlite Dome" or equal approved aluminium framed acrylic skylight 600 x 900mm with black powder coated finish and including 20mm steel bar cast in concrete slab to hinder access (Colour: Opal)	No	10	
<u>ROOF INSULATION</u>				
<u>"Sisalation FR 430" or equal approved fire retardant industrial grade reinforced aluminium foil insulation double sided, durable, reflective foil laminate incorporating a fire retardant between the various substrates, bonded together with low density polyethene, tested for conformance with SANS 1381-4:2009, with a Class 1 fire rating in accordance with SANS 10177 - 3:2005 and ASTM E84 and BS 476 part 5, 6 and 7</u>				
8	Insulation laid taut over purlins (at approximately 1200mm centres) and fixed concurrent with roof covering with 1,6mmØ double galvanised straining wires at 275mm centres securely fixed across top of purlins, Sisalation roll cut to size and suspended between the purlins and pulled between wires and roof sheets by attached pull wire. Sisalation folded over first and last span wires and securely stapled to itself, all as per the manufacturer's instructions	m2	1 496	
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Roof Coverings

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Bill No. 5

Roof Coverings

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Item No		Quantity	Rate	Amount
	<p><u>Joinery</u></p> <p>Particle board:</p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS EN 312 Parts 1-7 Particle board: exterior and flooring type</p> <p>b) SABS EN 312 Parts 1-7 Particle board: interior type</p> <p>Joinery: Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p>Fixing Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Decorative laminate finish: Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><u>CPAP WORK GROUP</u></p> <p>Unless otherwise stated all items in this bill will be Work Group 126</p>			
	<p><u>Prefabricated plate nailed timber roof truss construction</u></p> <p>The following is applicable in respect of roof trusses:</p> <p>Trusses are at maximum 1200mm centres. Roof covering is 0,58mm corrugated galvanised steel roof sheeting on timber purlins. Ceilings are nailed up and suspended with varying thickness from 4 - 9mm on T-Grid system. The dimensions in the descriptions of the trusses are nominal and actual measurements are to be obtained from site before design or fabrication commences</p>			
	Carried to Collection		R	
	<p>SECTION NO. 2 - BUILDINGS</p> <p>Bill No. 6</p> <p>Carpentry & Joinery</p> <p>NSUZE POLICE STATION</p>			

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Item No		Quantity	Rate	Amount
	<u>Prefabricated plate nailed timber roof truss construction</u> <u>formed of sawn softwood with patent galvanised plate</u> <u>nailed connections fixed in position not exceeding 3500mm</u> <u>high above floor level</u>			
	Tenderers are referred to Engineers drawings numbered 1977-S-10 attached to these bills of quantities for tender purposes			
1	Roof construction to double pitched roof overall size 22,700 x 6,965 x 1200mm high with four hips to ridge and with 572mm wide overhangs including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) (Block F)	No	1	
2	Roof construction to double pitched roof overall size 36,284 x 9,842 x 1800mm high with four hips to ridge and with 572mm wide overhangs including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) (Block E)	No	1	
	<u>Prefabricated plate nailed timber roof truss construction</u> <u>formed of sawn softwood with patent galvanised plate</u> <u>nailed connections fixed in position exceeding 3500mm and</u> <u>not exceeding 6000mm high above floor level</u>			
3	Roof construction to double pitched roof overall size 12,220 x 11,299 x 2500mm high with four hips to ridge and with 1800mm wide overhangs including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) (Block A)	No	1	
4	Roof construction to double pitched roof overall size 16,278 x 14,553 x 2500mm high with four hips to ridge and with 600mm wide overhangs including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) (Block B)	No	1	
	<u>Sawn softwood grade 4 (Provisional)</u>			
5	114 x 76mm Rafters	m	610	
6	38 x 76mm Wall plates	m	456	
7	50 x 76mm Purlins	m	2 587	
8	50 x 76mm Splayed Purlins	m	287	
	Carried to Collection			R
SECTION NO. 2 - BUILDINGS Bill No. 6 Carpentry & Joinery NSUZE POLICE STATION				129 R.M. T.M. SM 14 R-7

Item No		Quantity	Rate	Amount
	<u>Sundries</u>			
9	Two coats creosote on sawn timbers (Provisional)	m2	75	
	<u>EAVES, VERGES, ETC</u>			
	<u>"Everite FC77" or equal approved pressed fibre-cement</u>			
10	Eaves soffit covering 500mm wide of 9mm thick sheets	m2	95	
11	Eaves soffit covering 572mm wide of 9mm thick sheets	m2	84	
12	Eaves soffit covering 600mm wide of 9mm thick sheets	m2	36	
13	Eaves soffit covering 1800mm wide of 9mm thick sheets	m2	72	
	<u>"Everite Nutec" or equal approved fibre-cement</u>			
14	12 x 225mm Fascia boards with steel H-profile joiners and corner joiners	m	483	
15	80 x 200mm Barge boards with aluminium H-profile barge board joiners	m	49	
	<u>FLOORS ETC</u>			
	<u>"Eva-Last" or equal approved</u>			
16	"Eva-Tech Infinity" or equal approved composite decking of 23 x 140mm boards with arched profile on and including galvanised G-strut sub base, installed as per manufacturers instructions (Colour to Architects specification)	m2	14	
17	"Eva-Tech Infinity" or equal approved 11 x 148mm fascia surround	m	11	
	<u>SKIRTINGS, ETC</u>			
	<u>"Swartland" or equal approved</u>			
18	"Swartland (COLSK5)" or equal approved 22 x 94mm High timber skirting plugged	m	712	
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Item No		Quantity	Rate	Amount
<u>DOORS, ETC</u>				
<u>Solid timber doors with wood veneer on both sides suitable for painting hung to steel frames (steel frames elsewhere measured)</u>				
19	44mm Door 813 x 2032mm high (D4)	No	62	
20	44mm Double Door overall size 1500 x 2067mm high of 2 equal leaves with and including powder coated aluminium double sided door grille 600 x 385mm (D11)	No	2	
<u>Solid meranti doors with wood veneer on both sides suitable for painting hung to steel frames (steel frames elsewhere measured)</u>				
21	44mm purpose made framed and ledge Door 813 x 2032mm high with 300 x 300mm aluminium louvres (D12)	No	6	
22	44mm purpose made framed and ledge Door 1036 x 2032mm high with 300 x 300mm aluminium louvres and 1.5mm flat metal sheeting fixed over both sides of door (D15)	No	1	
<u>Supawood doors with wood veneer on both sides suitable for painting hung to steel frames (steel frames elsewhere measured)</u>				
23	44mm semi solid door 813 x 1925mm high (D3)	No	7	
<u>"Ifuba" or equal approved fire doors hung to steel frames (steel frames elsewhere measured)</u>				
24	"Pyropanel" or equal approved 48mm 2 hour fire rated single door 810 x 2030mm high with Okume wood veneer suitable for 230mm brick wall executed complete in strict accordance with the manufacturer's instructions and in compliance with SANS 1253:2003, including an intrumescent strip to top of door, hardwood edges, specified ironmongery, etc. (D8)	No	2	
25	"Pyropanel" or equal approved 48mm 2 hour fire rated double door 1210 x 2100mm high with Okume wood veneer suitable for 230mm brick wall executed complete in strict accordance with the manufacturer's instructions and in compliance with SANS 1253:2003, including an intrumescent strip to top of door, hardwood edges, specified ironmongery, etc. (D10)	No	2	
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Item No		Quantity	Rate	Amount
30	R1 and Shotgun rack overall size 2085 x 325 x 2500mm high formed of 32 x 70mm hardwood wall brackets, 152 x 38mm hardwood barrel supports, 32 x 32mm hardwood brackets screwed to 230 x 25mm hardwood side rails, 104 x 25mm hardwood middle rails and hardwood butt supports with 50 x 50 x 10mm rebates covered with sheet rubber lining	No 1		
<u>SHELVING</u>				
Tenderers are referred to Architect's drawings numbered K021 05 513, K 021 05 515 & K021 05 516 attached to these bills of quantities for tender purposes				
31	50 x 25mm thick hardwood beam fixed to wall with self tapping screws	m 170		
32	22mm Thick supawood shelving 350mm wide fixed to bracket with No.6 30mm self tapping countersunk wood screws (brackets elsewhere measured)	m 67		
33	22mm Thick supawood shelving 450mm wide fixed to bracket with No.6 30mm self tapping countersunk wood screws (brackets elsewhere measured)	m 196		
34	25mm Thick supawood shelving 450mm wide fixed to bracket with No.6 30mm self tapping countersunk wood screws (brackets elsewhere measured)	m 36		
35	Double slatted 50 x 2mm thick wall band 2200mm long with ivory enamel finish fixed to wall with 5 No. No.8 CSK woodscrews in plastic plugs	No 33		
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Carpentry & Joinery

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Item
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BILL NO. 7

CEILINGS, PARTITIONS, ETC.

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

Descriptions

Items described as "nailed" shall be deemed to be fixed with
hardened steel nails or pins or shot pinned to brickwork or
concrete

Ceilings

Unless otherwise described ceilings shall be deemed to be
horizontal

Bulkheads

Unless otherwise described bulkheads shall be deemed to be
horizontal along the length

Steel components

All steel components for ceilings, partitions, etc are to be
galvanised in accordance with SANS 121

CPAP WORK GROUP

Unless otherwise stated all items in this bill will be Work
Group 129

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SECTION NO. 2 - BUILDINGS

Bill No. 7

Ceilings, Partitions & Access Flooring

NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
<u>INSULATION</u>				
<u>"Granric MBI-Foil" or equal approved building insulation with reinforced foil metalized facing on one side, installed using 1.6mm white PVC coated straining wire set at 300mm apart, all in accordance with manufacturer's recommendations</u>				
1	100mm Insulation closely fitted and laid on top of branderling between roof timbers, etc	m2	917	
<u>NAILED UP CEILINGS</u>				
<u>4mm "Everite Nutec" or equal approved ceiling boards with H-profile steel jointing strips, galvanised serrated ceiling nails and recessed wall angles</u>				
2	2400 x 900mm ceiling boards including 38 x 38mm sawn softwood branderling at 400mm centres	m2	51	
3	2400 x 900mm sloped ceiling boards including 38 x 38mm sawn softwood branderling at 400mm centres	m2	421	
4	Extra over ceiling for opening for 650 x 650mm trap door complete with trimmers, frame, cross branders, ceiling board, hinges, etc as described (Provisional)	No	8	
<u>9mm "Everite Nutec" or equal approved medium density ceiling boards with H-profile steel jointing strips, galvanised serrated ceiling nails and recessed wall angles</u>				
5	2400 x 900mm ceiling boards including 38 x 38mm sawn softwood branderling at 400mm centres	m2	6	
6	2400 x 900mm sloped ceiling boards including 38 x 38mm sawn softwood branderling at 400mm centres	m2	71	
7	Extra over ceiling for opening for 650 x 650mm trap door complete with trimmers, frame, cross branders, ceiling board, hinges, etc as described (Provisional)	No	2	
<u>"Everite Nutec" or equal approved</u>				
8	"Everite Nutec (685-004)" or equal approved recessed wall angle	m	1 072	
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Item
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Quantity

Rate

Amount

SUSPENDED CEILINGS

Proprietary suspended ceilings

Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof).

4mm "Everite Nutec" or equal approved suspended vinyl thermoclad ceiling tiles in embossed white on a suspended T-grid system at 1200mm centres comprising T38 main and cross tees, recessed wall angles, universal hold down clips and 4mm suspension rod & hook hangers with suspension spring clip and T-suspension plate, all in accordance with manufacturers instructions

9 1195 x 595mm ceilings suspended not exceeding 1m below timber trusses

m2

368

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Ceilings, Partitions & Access Flooring
NSUZE POLICE STATION

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Ceilings, Partitions & Access Flooring

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Ceilings, Partitions & Access Flooring

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BILL NO. 8

IRONMONGERY

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

Proprietary items

Where applicable the manufacturers' names or product
catalogue titles are given in sub-headings preceding the items

Prices are to be based on the specific products/articles
specified. If tenderers wish to offer alternative
products/articles for certain items, these items are to be
clearly marked and the alternative specification given with
supporting brochures etc clarifying the features of the
products/articles offered

On request returnable samples are to be provided to the
principal agent for consideration

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by
suffixes in accordance with the following list:

BS Satin bronze lacquered
CH Chromium plated
SC Satin chromium plated
SE Silver enamelled
GE Grey enamelled
AS Anodised silver
AB Anodised bronze
AG Anodised gold
ABL Anodised black
PB Polished brass
PL Polished and lacquered
PT Epoxy coated
SD Sanded

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SECTION NO. 2 - BUILDINGS
Bill No. 8
Ironmongery
NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
<u>CPAP WORK GROUP</u>				
Unless otherwise stated all items in this bill will be Work Group 132				
<u>HINGES, BOLTS, ETC</u>				
<u>"Geze" or equal approved</u>				
1	"Geze (GERS211076 096/76)" or equal approved stainless steel ball bearing butt hinge	Pairs	123.0	
2	"Geze (GESA15001 120)" or equal approved 150 x 120mm satin chrome lever flush bolts	No	8	
<u>LOCKS</u>				
<u>"Geze" or equal approved</u>				
3	"Geze (GESE00202 195/01)" or equal approved mortice WC indicator turn for disabled with lock	No	11	
4	"Geze (GGA171068 730/68)" or equal approved 76mm stainless steel cylinder sashlock	No	61	
5	"Geze (GGA270068 742/68)" or equal approved 76mm stainless steel profile cylinder deadlock	No	6	
6	"Geze (GIG950930308M N/PL)" or equal approved double cylinder 60mm MK	No	1	
7	"Geze (GIG950933338M N/PL)" or equal approved double cylinder 66mm MK	No	60	
8	"Geze (GIG955933338M N/PL)" or equal approved knob cylinder 66mm MK	No	1	
9	"Geze (GIG956933338 N/PL)" or equal approved privacy cylinder 66mm Std	No	9	
10	"Geze (GESB10075 131)" or equal approved rebate for 700 series lock	No	4	
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SECTION NO. 2 - BUILDINGS Bill No. 8 Ironmongery NSUZE POLICE STATION				140 M R.M. H. R-7 SM

Item No		Quantity	Rate	Amount
11	"Geze (GEDD908RC69)" or equal approved round satin stainless steel cylinder hole escutcheon	No 3		
	<u>HANDLES</u>			
	<u>"Geze" or equal approved</u>			
12	"Geze Sanford (EDD/104C)" or equal approved 19mm Lever on 160 x 160 x 1.5mm backplate	Pairs 58		
13	"Geze (GDS429M069 055/69)" or equal approved stainless steel flush pull	No 4		
14	"Geze (GEP075/160CL)" or equal approved bolt thru pull handles 111 x 19mm on 160 x 160 x 1.6mm stainless steel backplate	No 3		
15	"Geze (GEP075/160CR)" or equal approved bolt thru pull handles 111 x 19mm on 160 x 160 x 1.6mm stainless steel backplate	No 3		
16	"Geze Sanford (EDD/104)" or equal approved 19mm Lever on Rose	Pairs 3		
17	"Geze (JBS209/350 BTB)" or equal approved stainless steel back to back pull handles 375 x 350 x 25mm Diameter	Pairs 4		
18	"Geze (JD213/152)" or equal approved stainless steel bolt through pull handles 171 x 152 x 19mm Diameter	No 4		
19	"Geze (GHA2960SR)" or equal approved exidor panic latch complete with cross bar	No 2		
20	"Geze (GEP079/160CL)" or equal approved 160 x 160 x 1.6mm stainless steel pushplate	No 3		
21	"Geze (GEP079/160CR)" or equal approved 160 x 160 x 1.6mm stainless steel pushplate	No 3		
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Item No		Quantity	Rate	Amount
<u>PUSH PLATES AND KICKING PLATES</u>				
<u>"Geze" or equal approved</u>				
22	150 x 2mm satin finished stainless steel kick plate fixed to door	m	40	
<u>DOOR CLOSERS</u>				
<u>"Geze" or equal approved</u>				
23	"Geze (AZ2001SR TS2000VP)" or equal approved door closer with parallel arm bracket	No	2	
24	"Geze (AZ2003SR TS2000G)" or equal approved door closer with standard guide rail	No	66	
<u>LEGEND PLATE SIGNAGE</u>				
<u>"Geze" or equal approved</u>				
25	"Geze (GEP15069E/T)" or equal approved 160 x 160 x 1.2mm sign with "Teacup" symbol, wall mounted at countersunk holes with dome headed chrome screws	No	2	
26	"Geze (GEP15069E/MF)" or equal approved 160 x 160 x 1.2mm sign with "Male/Female" symbol, wall mounted at countersunk holes with dome headed chrome screws	No	11	
27	"Geze (GEP15069E/P)" or equal approved 160 x 160 x 1.2mm sign with "Paraplegic" symbol, wall mounted at countersunk holes with dome headed chrome screws	No	1	
<u>Purpose made Photo Luminescent/Illuminated aluminium framed PVC signs</u>				
Tenderers are referred to Engineers drawing numbered NPS-FI-2201 attached to these bills of quantities for tender purposes				
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NSUZE POLICE STATION				

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Item No		Quantity	Rate	Amount
28	380 x 190 x 2mm one sided photo luminescent PVC sign consisting 1 No. 190 x 190mm sign with "Fire Hose Reel" symbol and 1 No. 190 x 190mm sign with "Down Arrow" symbol, wall mounted with dome headed chrome screws and 12mm Diameter perspex spacers 12mm long	No 3		
29	380 x 190 x 2mm one sided photo luminescent PVC sign consisting 1 No. 190 x 190mm sign with "Running Man Right" symbol and 1 No. 190 x 190mm sign with "Down Arrow" symbol, wall mounted with dome headed chrome screws and 12mm Diameter perspex spacers 12mm long	No 10		
30	380 x 190 x 2mm one sided photo luminescent PVC sign consisting 1 No. 190 x 190mm sign with "Fire Extinguisher" symbol and 1 No. 190 x 190mm sign with "Down Arrow" symbol, wall mounted with dome headed chrome screws and 12mm Diameter perspex spacers 12mm long	No 24		
31	380 x 190 x 2mm double sided photo luminescent PVC sign consisting 1 No. 190 x 190mm sign with "Left Arrow" symbol and 1 No. 190 x 190mm sign with "Running Man Left" symbol, one side fixed to wall	No 1		
32	570 x 190 x 2mm one sided photo luminescent PVC sign consisting 1 No. 190 x 190mm sign with "Down Arrow" symbol, 1 No. 190 x 190mm sign with "Fire Hydrant" symbol and 1 No. 190 x 190mm sign with "Fire Hose Reel" symbol, wall mounted with dome headed chrome screws and 12mm Diameter perspex spacers 12mm long	No 3		
	<u>Purpose made signs</u>			
33	600 x 800mm "Vista system" or equal approved single sided wall mounted digitally printed and cut vinyl directory sign with anodized aluminium single sign holder extrusion, clear cover, aluminium end caps, 150 x 150mm SAPS logo and lettering outlining the rooms within each building	No 6		
	Tenderers are referred to Architect's drawing numbered K021 05 522 attached to these bills of quantities for tender purposes.			
34	1100 x 1100mm sign formed of 3mm anodised aluminium plate with SAPS insignia, screw fixed to wall	No 2		
	Carried to Collection		R	
	SECTION NO. 2 - BUILDINGS Bill No. 8 Ironmongery NSUZE POLICE STATION			

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Item No		Quantity	Rate	Amount
35	1912 x 695mm sign formed of 3mm anodised aluminium plate with "NSUZE POLICE STATION" powder coated steel lettering, screw fixed to wall	No 2		
	Tenderers are referred to Architect's drawing numbered K021 05 735 attached to these bills of quantities for tender purposes.			
36	2450 x 1220mm welcome board sign formed of 1mm white chromadek sheet fixed back to back to 50 x 25mm rectangular tube frame all round on 2 No. 50 x 50 x 1.6mm square steel tube poles 3600mm high fixed into 300 x 300 x 500mm deep concrete base with "WELCOME NSUZE POLICE STATION" insignia (S2)	No 1		
37	2450 x 1220mm "Batho Pele" sign formed of 1mm white chromadek sheet fixed back to back to 50 x 25mm rectangular tube frame all round on 2 No. 50 x 50 x 1.6mm square steel tube poles 3600mm high fixed into 300 x 300 x 500mm deep concrete base with "BATHO PELE PRINCIPLES" insignia (S3)	No 1		
38	600 x 400mm Bronze deep etch station plaque (S4)	No 1		
39	900 x 1200mm "Vista system" or equal approved single sided wall mounted digitally printed and cut vinyl directory welcome sign with anodized aluminium single sign holder extrusion, clear cover, aluminium end caps, 150 x 150mm SAPS logo and lettering outlining direction to the various blocks within the police station (S8)	No 1		
	Tenderers are referred to Architect's drawing numbered K021 05 736 attached to these bills of quantities for tender purposes.			
40	30 x 90mm Engraved perspex sign 3mm thick mounted to top of door frame with 2 No. screws and silicone sealer outlining the room number (S10)	No 71		
41	200 x 100mm "Vista system" or equal approved single sided wall mounted digitally printed & cut vinyl sign with anodized aluminium single sign holder extrusion, clear cover, aluminium end caps, 100 x 100mm SAPS logo and lettering outlining the room name (S9)	No 71		
Carried to Collection				R
SECTION NO. 2 - BUILDINGS Bill No. 8 Ironmongery NSUZE POLICE STATION				144 R.M. H. R.Y.

Item No			Quantity	Rate	Amount
<u>BATHROOM FITTINGS</u>					
<u>"Vaal" or equal approved</u>					
42	"Vaal (71511084)" or equal approved white glazed ceramic single semi recessed soap dish 170 x 170mm	No	4		
<u>"Bobrick" or equal approved</u>					
43	"Bobrick Classic Series (B-2888)" or equal approved satin finish stainless steel surface mounted multi roll toilet roll dispenser	No	15		
44	"Bobrick Classic Series (B-262)" or equal approved satin finish stainless steel surface mounted paper towel dispenser	No	12		
45	"Bobrick Classic Series (B-2111)" or equal approved satin finish stainless steel surface mounted soap dispenser	No	15		
<u>"Cobra" or equal approved</u>					
46	"Cobra Colette (AC-0901-100)" or equal approved single chrome plated towel rail, complete with mounting blocks, screws and plugs	No	12		
<u>"Chairman Industries" or equal approved</u>					
47	"Chairman Industries (SR2A)" or equal approved 32mm Diameter tubular stainless steel cistern back rail fixed to wall	No	1		
48	"Chairman Industries (DL2)" or equal approved 32mm Diameter tubular stainless steel dog leg side rail with two flanges fixed to wall	No	1		
<u>SUNDRIES</u>					
<u>"Geze" or equal approved</u>					
49	"Geze (GESD00069 140)" or equal approved stainless steel floor mounted doorstop	No	56		
50	"Geze (GESD00169 154/69)" or equal approved stainless steel hat and coat hook with rubber buffer	No	12		
Carried to Collection				R	
SECTION NO. 2 - BUILDINGS Bill No. 8 Ironmongery NSUZE POLICE STATION					

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Item No		Quantity	Rate	Amount
<u>KITCHEN COUNTERS</u>				
<u>"Franke" or equal approved</u>				
51	"Franke (359558 Model W)" or equal approved Grade 304 stainless steel wall bench overall size 1500 x 650mm with 150mm high stainless steel integral splash back, 50 x 10mm turndown and stainless steel under shelf	No 2		
<u>"Vulcan" or equal approved</u>				
52	"Vulcan (3044700 Model SWB 1050)" or equal approved Grade 304 stainless steel table overall size 1050 x 650 x 910mm high with 150mm high stainless steel splashback and under shelf	No 5		
53	"Vulcan (3044701 Model SWB 1650)" or equal approved Grade 304 stainless steel table overall size 1650 x 650 x 910mm high with 150mm high stainless steel backsplash and under shelf	No 1		
54	"Vulcan (3044702 Model SWB 1840)" or equal approved Grade 304 stainless steel table overall size 1840 x 650 x 910mm high with 150mm high stainless steel splashback and under shelf	No 2		
55	"Vulcan (3044707 Model SST 1840)" or equal approved Grade 304 stainless steel table overall size 1840 x 750 x 910mm high with stainless steel under shelf	No 1		
<u>PINNING BOARDS, WRITING BOARDS, ETC</u>				
<u>"Continental Enamelling" or equal approved pinning boards</u>				
56	"Conti Premier Felt Pinning Board" or equal approved standard wall mounted pin board with natural anodized aluminium frame, size 1500 x 1000mm high, pin boards supplied complete with fixing components and secured to brickwork (colour to Architects approval & specification)	No 24		
Carried to Collection			R	
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Item No		Quantity	Rate	Amount
	<u>"Continental Enamelling" or equal approved white boards</u>			
57	"Conti Standard Vitreous Enamelled Laminated Whiteboard" or equal approved wall mounted magnetic white writing board, overall size 1000 x 1000mm high, complete with integral anodised aluminium edgings and pen rail, fixing components and secured in position to brickwork	No 2		
	<u>SHELVES</u>			
	<u>"Vulcan" or equal approved</u>			
58	"Vulcan Racking - Wall Mounted Shelving" or equal approved stainless steel wall mounted shelf 500mm wide	No 6		
59	"Vulcan Racking - Wall Mounted Tubular Pot Racks" or equal approved stainless steel wall mounted rack 1500 x 400mm wide	No 1		
60	"Vulcan (3043714) Econo" or equal approved shelving 820 x 380mm	No 2		
	<u>STEEL LOCKER</u>			
	<u>"Greenfield" or equal approved steel lockers with standard baked enamel finish</u>			
61	"Securitec Heavy Duty Lockers (S002)" or equal approved overall size 380 x 450 x 1800mm high with 2 No. doors with louvre vents, base, shelf and 2 No. coat hooks with 3 way locking system; lockers bolted together and fitted onto bench (bench elsewhere measured)	No 9		
	<u>BARRIER MAT</u>			
	<u>"Gradus" or equal approved barrier mats</u>			
62	"Esplanade 1500 Matting - Carpet Wiper" or equal approved internal barrier mat overall size 3000 x 1000mm with "ESP15ES40" trimmed edging strip and "UMFA18" matwell frame surrounds, recessed into floor	No 5		
Carried to Collection				R
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Item No		Quantity	Rate	Amount
<u>CUPBOARDS & COUNTERS</u>				
<u>Granite counters</u>				
63	900 x 985mm worktop formed of 30mm Thick Rustenburg granite with 100mm downstand fascia on either side of counter length fixed onto wall with and including supports (wall elsewhere measured)	No 3		
64	900 x 1137mm worktop formed of 30mm Thick Rustenburg granite with 100mm downstand fascia on either side of counter length fixed onto wall with and including supports (wall elsewhere measured)	No 1		
<u>Supawood with Okume wood veneer</u>				
65	22mm Worktop with bullnose edging on both sides	m2 11		
66	22mm Worktop circular on plan with bullnose edging on both sides	m2 8		
67	22mm Timber cladding fixed to wall	m2 2		
68	22mm Timber cladding circular on elevation fixed to wall	m2 15		
<u>Radio Room</u>				
Tenderers are referred to Architect's drawing numbered K021 05 514 attached to these bills of quantities for tender purposes				
69	Floor cupboards overall girth 8338 x 600/800 x 750mm high formed of 16mm Bison melawood sides, shelves, etc. comprising 6 No. 16mm Bison melawood drawers 560 x 500 x 216mm high with "Conio" or equal approved 128mm brushed satin handles; 600 & 800mm deep "Etimio Formica" or equal approved shelves 35mm thick; 4 No. 50mm Diameter upstand posts, 2 No. 50mm Diameter flush desk grommets and including all 50 & 75mm high supports; all exposed edges to receive matching edging, all set on 30mm Rustenburg granite countertops with 100mm high 30mm granite splashbacks, executed complete	No 1		
Carried to Collection			R	
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Item No		Quantity	Rate	Amount
	Kitchens			
70	Double wall cupboard overall size 900 x 305 x 850mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 2 No. 16mm Melawood supergloss white doors 450 x 850mm high with "D" type metal handles screw fixed and concealed soft closing hinges; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No 1		
71	Floor sink cupboard overall size 900 x 580 x 900mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 2 No. 16mm Melawood supergloss white doors 450 x 900mm high with "D" type metal handles screw fixed and concealed soft closing hinges; 580mm deep 30mm thick Rustenburg granite countertops with 50mm overhangs and 100mm high splash-backs with 1200 x 500mm cut-out for sink ; 70mm high recessed 16mm melawood supergloss skirting; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No 1		
72	Floor sink cupboard overall size 2325 x 580 x 900mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 4 No. 16mm Melawood supergloss white doors 450 x 900mm high with "D" type metal handles screw fixed and concealed soft closing hinges; 4 No. 450 x 580mm deep drawers and 580mm deep 30mm thick Rustenburg granite countertops with 50mm overhangs and 100mm high splash-backs with 1200 x 500mm cut-out for sink ; 70mm high recessed 16mm melawood supergloss skirting; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No 1		
	Tenderers are referred to Architect's drawing numbered K021 05 552 (A) attached to these bills of quantities for tender purposes			
	Carried to Collection			
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Item No		Quantity	Rate	Amount
73	Double wall cupboard overall size 795 x 305 x 850mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 16mm Melawood supergloss white doors with "D" type metal handles screw fixed and concealed soft closing hinges; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No 3		
74	Floor sink cupboard overall size 1860 x 580 x 900mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 16mm Melawood supergloss white doors with "D" type metal handles screw fixed and concealed soft closing hinges; 580mm deep 30mm thick Rustenburg granite countertops with 50mm overhangs and 100mm high splash-backs with 1200 x 500mm cut-out for sink ; 70mm high recessed 16mm melawood supergloss skirting; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No 1		
75	U-shaped floor cupboards overall girth 7734 x 580 x 900mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 16mm Melawood supergloss white doors and drawer faces with "D" type metal handles screw fixed and concealed soft closing hinges; 580mm deep 30mm thick Rustenburg granite countertops with 50mm overhangs and 100mm high splash-backs with 1200 x 500mm cut-out for sinks; 70mm high recessed 16mm melawood supergloss skirting; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No 1		
Tenderers are referred to Architect's drawing numbered K021 05 552 (B) attached to these bills of quantities for tender purposes				
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Item No		Quantity	Rate	Amount
76	Floor sink cupboard overall size 2100 x 580 x 900mm high formed of 16mm melawood tops, sides, shelves, etc with white melamine edging internally and supergloss white externally; 16mm Melawood supergloss white doors with "D" type metal handles screw fixed and concealed soft closing hinges; 580mm deep 30mm thick Rustenburg granite countertops with 50mm overhangs and 100mm high splash-backs with 1200 x 500mm cut-out for sink ; 70mm high recessed 16mm melawood supergloss skirting; all exposed edges to be white melamine supergloss, executed complete with timber supports, etc.	No	1	
Carried to Collection				R
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Bill No. 8

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Bill No. 8

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NSUZE POLICE STATION

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Item
No

Quantity

Rate

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BILL NO. 9

STRUCTURAL STEELWORK (PROVISIONAL)

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for
Trades 2008 Edition before pricing this bill

Descriptions

Descriptions of bolts shall be deemed to include nuts and
washers

Descriptions of L-shaped and U-shaped anchor bolts shall be
deemed to include bending, threading, nuts and washers and
embedding in concrete

Descriptions of expansion anchors and bolts and chemical
anchors and bolts shall be deemed to include nuts, washers
and mortices in brickwork or concrete

CPAP WORK GROUP

Unless otherwise stated all items in this bill will be Work
Group 134

STEEL COLUMNS AND BEAMS

**Hot dipped galvanised and welded columns and beams
spliced with end plates, connection plates and angle irons
bolted to brickwork or concrete**

1	150 x 150 x 5mm Square Hollow Section columns	t	1.31
2	250 x 100 x 10mm Rectangular Hollow Section beams	t	12.72
3	150 x 50 x 20 x 3mm Lipped channel	t	0.54

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SECTION NO. 2 - BUILDINGS

Bill No. 9

Structural Steelwork (Provisional)

NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
4	200 x 100 x 22.4kg/m I-section with parallel flange	t 2.41		
5	254 x 146 x 31.3kg/m I-section with parallel flange	t 2.67		
	<u>Bolts to columns, beams, etc</u>			
6	250 x 250 x 10mm Base plate with full penetration weld to beam four times holed for and including 4 No. 12mm Diameter Grade 4.8 heavy duty bolts (beam elsewhere measured)	No 41		
7	High tensile bolts	t 1.00		
Carried to Collection				
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Bill No. 9				
Structural Steelwork (Provisional)				
NSUZE POLICE STATION				

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SECTION NO. 2 - BUILDINGS

Bill No. 9

Structural Steelwork (Provisional)

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Bill No. 9

Structural Steelwork (Provisional)

NSUZE POLICE STATION

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Item
No

Quantity

Rate

Amount

BILL NO. 10

METALWORK

SUPPLEMENTARY PREAMBLES

NOTE :

Tenderers are advised to study the Model Preambles for Trades 2008 Edition before pricing this bill

Descriptions of bolts, anchors, etc

Descriptions of bolts shall be deemed to include nuts and washers

Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete

Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres

Aluminium doors, windows, etc

Doors and windows shall comply with AAAMSA design criteria

Glazing shall comply with SAGGA regulations. Glass shall be laminated performance glass as shown on the window schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings

Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed

For purpose made windows and doors, refer to schedules annexed to these bills of quantities

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Bill No. 10
Metalwork
NSUZE POLICE STATION

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Item No		Quantity	Rate	Amount
<u>1.6mm Double rebated frames suitable for one brick walls</u>				
3	Frame for door 810 x 2030mm high (D8)	No 2		
4	Frame for door 813 x 2032mm high (D4) (D12)	No 40		
5	Frame for door 1036 x 2032mm high (D15)	No 1		
6	Frame for door 1210 x 2068mm high (D10)	No 2		
7	Frame for door 1500 x 2067mm high (D11)	No 2		
8	Frame for door 1620 x 2030mm high	No 2		
<u>SUNDRY GALVANIZED STEELWORK</u>				
<u>SHELVING</u>				
Tenderers are referred to Architect's drawings numbered K021 05 513 and K 021 05 505 attached to these bills of quantities for tender purposes.				
9	250 x 250mm mild steel shelf support with ivory enamel finish fixed against hardwood beam (hardwood beam elsewhere measured)	No 80		
10	350 x 400mm mild steel shelf support with ivory enamel finish fixed against hardwood beam (hardwood beam elsewhere measured)	No 300		
Tenderers are referred to Architect's drawings numbered K021 05 516 attached to these bills of quantities for tender purposes.				
11	350 x 300mm mild steel shelf support with ivory enamel finish fixed to wall band (wall band elsewhere measured)	No 165		
12	410mm wide steel shelf 25mm thick powder coated with ivory enamel finish and fitted onto shelf support (shelf support elsewhere measured)	m 125		
Carried to Collection			R	
SECTION NO. 2 - BUILDINGS Bill No. 10 Metalwork NSUZE POLICE STATION				

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