



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

BUILDING COST DATABASE

AUGUST 2020



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PROJECT DATA SHEET

NOTE

- **Bills of Quantities Stage**
Sections A to D must be completed once the contract has been awarded and the priced Bills of Quantities become available
- **Final Account Stage**
Sections E to G must be completed once the Final Account has been settled and final professional fees have been claimed by all consultants

BILLS OF QUANTITIES STAGE (please complete sections A to D)

A PROJECT DETAILS

1. Project Name:
2. Location (Province; City/Town):
3. WCS No:
4. Project Manager:

5. Identify the category of building project with a cross (X) in the relevant block(s):

Category of building project	Mark relevant block with a cross (X)
New	
Additions	
Alterations and Additions	
Repairs and Renovations	
Refurbishments	
Restoration (heritage)	
Other (describe)	

Note

It is not necessary to complete the Project Data Sheet in respect of RAMP projects

B SCOPE OF WORK

1. Description and details of buildings:

Type of building *	No	No of storeys	Brief description of structure	Basement Yes/No If yes, provide basement area	Category of building **	Construction area *** (m ²)
Total construction area						

Note

* Details of each individual type of building must be provided e.g. office / administration block, single quarters, bachelor flat, married quarters, house, kitchen / mess block, cell block, clinic / medical block, hall / recreational block, parking garage, substation etc.

** Each type of building must be categorised in accordance with one of the categories listed in item A5 above i.e. new, additions, alterations and additions, repairs and renovations, refurbishments, restoration (heritage), etc.

*** The **construction area** covers the entire enclosed building area. Areas must be measured over the external walls of all covered floor areas and must include basements, mezzanine levels, stairwells, lift shafts, lift motor rooms etc.

C BILLS OF QUANTITIES DATA

1. Tender date:
2. Commencement date:
3. Contract period: months
4. **Preliminaries** (excluding VAT): **R**
5. **Building Works** (excluding VAT)
 - 5.1 Total amount of Building Works: **R**
 - 5.2 Details of total amount of Building Works per building type *:

Type of building (as item B1 above)	Amount
	R
	R
	R
	R
	R
	R
	R
Total amount as per item 5.1 above	R

Note

* The individual amounts must be the actual amounts relevant to the respective building types and not averaged amounts

6. **Specialist Services** (excluding VAT)

6.1 Total amount of Specialist Services: R

6.2 Details of total amount of Specialist Services per building type *:

Type of building (as item B1 above)	Amount								
	Electrical Installation	Air conditioning Installation	Fire Protection and Detection Installation	Security Installation	Lifts	Standby Generator	UPS	Other (describe)	TOTAL
Total amount as per item 6.1 above									R

Note

* The individual amounts of relevant Specialist Services must be the actual amounts relevant to the respective building types and not averaged amounts

7. **External Works** (excluding VAT)

7.1 Total amount of External Works: R

7.2 Details of total amount of External Works per element *:

External works	Amount																
General site works	R																
Roads and paving	R																
Fencing, yard walls and retaining walls	R																
Covered parking	R																
Covered walkways	R																
Landscaping	R																
External reticulation:																	
<table border="1"> <thead> <tr> <th>Elements</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Soil drainage</td> <td>R</td> </tr> <tr> <td>Stormwater drainage</td> <td>R</td> </tr> <tr> <td>Water supply</td> <td>R</td> </tr> <tr> <td>Fire services</td> <td>R</td> </tr> <tr> <td>Electrical reticulation</td> <td>R</td> </tr> <tr> <td>Bulk connection fee</td> <td>R</td> </tr> <tr> <td>Other (describe)</td> <td>R</td> </tr> </tbody> </table>	Elements	Amount	Soil drainage	R	Stormwater drainage	R	Water supply	R	Fire services	R	Electrical reticulation	R	Bulk connection fee	R	Other (describe)	R	R
Elements	Amount																
Soil drainage	R																
Stormwater drainage	R																
Water supply	R																
Fire services	R																
Electrical reticulation	R																
Bulk connection fee	R																
Other (describe)	R																
Total amount for external reticulation																	
Other (describe)	R																
Total amount as per item 7.1 above	R																

Note

* The individual amounts must be the actual amounts relevant to each element and not averaged amounts

8. **Net Contract Sum** (excluding VAT): R

Note

The Net Contract Sum is the sum total of items C4, C5.1, C6.1 and C7.1 above and must correspond with the Net Contract Sum in the Bills of Quantities

D SCHEDULE OF RATES FROM BILLS OF QUANTITIES (EXCLUDING VAT)

Note

- The items listed below are similar to those listed in the questionnaire issued by the Bureau for Economic Research entitled "BER Building Cost Survey"
- Complete only those rates that are applicable to this project. Where not applicable, leave blank
- All rates must exclude VAT

No	Item	Unit	Rate	
			R	c
1	Excavation for trenches	m ³		
2	Unreinforced concrete (10 - 20MPa) in footings	m ³		
3	Reinforced concrete (20 - 25MPa) in slabs, etc	m ³		
4	Rough formwork to soffits of slabs n.e. 3,5m high	m ²		
5	Bar reinforcement	kg		
6	Half brick wall	m ²		
7	One brick wall	m ²		
8	Cavity wall of 2 half brick skins	m ²		
9	Face brickwork (extra over brickwork)	m ²		
10	Fibre cement / galvanised steel profiled roof sheeting	m ²		
11	38 x 114mm Sawn softwood roof timbers	m		
12	44 x 813 x 2032mm Semi-solid flush door	No		
13	Gypsum / fibre cement ceiling (including brandering)	m ²		
14	Vinyl tiles (2mm) or similar floor covering	m ²		
15	76mm Mortice lockset (2 lever)	No		
16	Pressed steel door frame for 813 x 2032mm door	No		
17	Standard steel / timber window	m ²		
18	20 - 30mm Cement plaster screed	m ²		
19	One coat internal cement plaster on walls	m ²		
20	Glazed wall tiles	m ²		
21	3mm Clear float glass in steel or timber frames	m ²		
22	Prime and 2 coats acrylic emulsion paint on plastered walls	m ²		
23	WC suite (low level)	No		
24	Basin (wall hung)	No		
25	Stainless steel sink	No		
26	20mm Galvanised steel / copper pipe	m		
27	110mm uPVC pipe	m		
28	110mm uPVC soil pipe	m		

BILLS OF QUANTITIES STAGE (SECTIONS A TO D)

COMPLETED BY:

Name: Position:

Firm/company:

Tel No: Fax No:

E-mail address:

Signature:

Date:

FINAL ACCOUNT STAGE (please complete sections E to G)

E PROJECT DETAILS

1. Project Name:
2. Location (Province; City/Town):
3. WCS No:
4. Project Manager:

F FINAL ACCOUNT DATA

1. Date of practical completion:
2. Actual contract period: months
3. Contract Price Adjustments (excluding VAT): **R**
4. **Net Final Value of Contract** (excluding VAT): **R**

G PROFESSIONAL FEES DATA

1. Total amount of Professional Fees (including disbursements) (all consultants) (excluding VAT):
R
2. Details of total amount of Professional Fees (including disbursements) per consultant (excluding VAT):

Consultant	Fees amount	Disbursements amount	Total amount of Professional Fees
Quantity Surveyor	R	R	R
Architect	R	R	R
Structural Engineer	R	R	R
Civil Engineer	R	R	R
Electrical Engineer	R	R	R
Mechanical Engineer	R	R	R
Construction Project Manager	R	R	R
Other (describe)	R	R	R
Total amount as per item G1 above			R

FINAL ACCOUNT STAGE (SECTIONS E TO G)

COMPLETED BY:

Name: Position:

Firm/company:

Tel No: Fax No:

E-mail address:

Signature:

Date: