

PART 2: PRICING DATA

ECC3 Option A

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C2.1	Pricing assumptions: Option A	
C2.2	The <i>activity schedule</i>	

C2.1 Pricing assumptions: Option A

1. How work is priced and assessed for payment

Clause 11 in NEC3 Engineering and Construction Contract, (ECC3) Option A states:

Identified and defined terms 11 11.2 (20) The Activity Schedule is the *activity schedule* unless later changed in accordance with this contract.

(27) The Price for Work Done to Date is the total of the Prices for

- each group of completed activities and
- each completed activity which is not in a group.

A completed activity is one which is without Defects which would either delay or be covered by immediately following work.

(30) The Prices are the lump sum prices for each of the activities on the Activity Schedule unless later changed in accordance with this contract.

This confirms that Option A is a lump sum form of contract where the work is broken down into activities, each of which is priced by the tendering contractor as a lump sum. Only completed activities are assessed for payment at each assessment date; no part payment is made if the activity is not completed by the assessment date.

2. Function of the Activity Schedule

Clause 54.1 in Option A states: "Information in the Activity Schedule is not Works Information or Site Information". This confirms that specifications and descriptions of the work or any constraints on how it is to be done are not included in the Activity Schedule but in the Works Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Works in accordance with the Works Information". Hence the *Contractor* does **not** Provide the Works in accordance with the Activity Schedule. The Activity Schedule is only a pricing document.

3. Link to the programme

Clause 31.4 states that "The *Contractor* provides information which shows how each activity on the Activity Schedule relates to the operations on each programme which he submits for acceptance". Ideally the tendering contractor will develop a high-level programme first then resource each activity and thus arrive at the lump sum price for that activity both of which can be entered into the *activity schedule*.

4. Preparing the *activity schedule*

Generally, it is the tendering contractor who prepares the *activity schedule* by breaking down the work described within the Works Information into suitable activities which can be well defined, shown on a programme and priced as a lump sum.

The *Employer*, in his Instructions to Tenderers or in a Tender Schedule, may have listed some items that he requires the *Contractor* to include in his *activity schedule* and be priced accordingly.

It is assumed that in preparing his *activity schedule* the *Contractor*:

- Has taken account of the guidance given in the ECC3 Guidance Notes pages 19 and 20.
- Understands the function of the Activity Schedule and how work is priced and paid for.
- Is aware of the need to link the Activity Schedule to activities shown on his programme.
- Has listed and priced activities in the *activity schedule* which are inclusive of everything necessary and incidental to Providing the Works in accordance with the Works Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk.
- Has priced work he decides not to show as a separate activity within the Prices of other listed activities in order to fulfil the obligation to complete the *works* for the tendered total of the Prices.
- Understands there is no adjustment to the lump sum Activity Schedule price if the amount, or quantity, of work within that activity later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event.

C2.2 the *activity schedule*

Item No.	Description	Unit	Quantity	Rate	Amount
1	PRELIMINARIES AND GENERAL				
2	Site Establishment for: Delivery of Kitchen Converted Container Fitted with Single Bowl Sink with a Work Top, Fitted with Undercounter Cupboard. L-6m; W-3m (Inclusive of Transportation and Handling)	Once Off	1		
3	Site Establishment for: Delivery of Storage Container, Enclosed with No Windows L-12m; W-2.5m (Inclusive of Transportation and Handling)	Once Off	1		
4	Site Establishment for: Delivery of Split Male and Female Ablution L-6m; W-3m (Inclusive of Transportation and Handling)	Once Off	1		
5	Site De-Establishment for: Collection of Kitchen Converted Container Fitted with Single Bowl Sink with a Work Top, Fitted with Undercounter Cupboard. L-6m; W-3m (Inclusive of Transportation and Handling)	Once Off	1		
6	Site De-Establishment for: Collection of Storage Container, Enclosed with No Windows L-12m; W-2.5m (Inclusive of Transportation and Handling)	Once Off	1		
	Site De-Establishment for: Delivery of Split Male and Female Ablution L-6m; W-3m (Inclusive of Transportation and Handling)	Once Off	1		
7	Standard PPE				
8	SANS standard Flame Retard PPE (1 pair per year)	No.	10		
9	SANS Hard Hat (1 pair per year)	No.	10		
10	SANS standard eye goggles (1 pair per year)	No.	10		
11	SANS standard safety boots (Steel toe) (1 pair per year)	No.	10		
12	SANS standard earmuffs (1 pair per year)	No.	10		

13	SANS Micro Flex Hand Gloves (1 pair per month)	No.	30		
14	Safety file	No.	10		
15	Medicals - Entry	Per Person	10		
	Police Clearance Certification	Per Person	10		
16	HIRING CONTAINER				
17	Kitchen Converted Container Fitted with Single Bowl Sink with a Work top, Fitted with Undercounter Cupboard. L-6m; W-3m 9 (Hiring cost will be paid on a monthly basis)	Monthly	9		
18	Storage Container, Enclosed with No Windows L-12m; W-2.5m (Hiring cost will be paid on a monthly basis)	Monthly	9		
	Split Male and Female Ablution Container L-6m; W-3m (Hiring cost will be paid on a monthly basis)	Monthly	9		
19	HUMAN RESOURCES				
20	Control System Technical Specialist Engineer - Electronic Engineering Diploma or bachelor's degree with a minimum of 5 years. (ECSA Registered PrEng/ PrTech Eng.) (60 days)	Hours	480		
21	Electrical Technical Specialist -Electronic Engineering Diploma or bachelor's degree with a minimum of 5 years' experience (ECSA Registered PrEng/ PrTech Eng.) (60 days)	Hours	480		
22	ABB 800xA System Technical Specialist - Electrical Electronic Engineering Diploma or bachelor's degree and Diploma Industrial (20 days)	Hours	160		
23	Communications network and IT with a minimum of 5 years (20 days)	Hours	160		
24	Auto- Cad Technician - Documentation of Drawings (5-10 years' experience) (60 days)	Hours	480		
25	Site Supervisor -Project Management with minimum 5 years' experience (68 days)	Hours	544		
26	Safety Officer - Safety Certificate (0 to 3 years' experience) (68 days)	Hours	544		
27	Quality Controller/QC	Hours	160		

	Inspector -Electronic Engineering Diploma or bachelor's degree (20 days)				
28	Semi-skilled employee (0 to 3 years' experience) (68 Days)	Hours	544		
	General Workers (0 to 3 years' experience) (68 Days)	Hours	544		
29	EQUIPMENT				
30	Flow Meters - (Ultrasonic Flow meter)	No	10		
31	Instrument Cables UVG16	M	3500		
32	SWA power cable	M	3500		
33	Size 2 cable gland	Each	50		
34	10A, 5kA Single pole miniature circuit breakers	Each	10		
35	10A, 5kA Double pole miniature circuit breakers	Each	10		
	Wire mesh cable tray	M	500		
36	Cable Accessories				
37	Cable trays 2m (Stainless Steel) 2m	No	300		
38	Cable ties (Black SANS standard)	No	2000		
39	Black Insulation Tape (SANS Standard)	No	100		
40	Cable conduits (Stainless steel) 2m	No	300		
	Junction boxes (240mm by 300mm) stainless steel	Each	10		
41	COMMISSIONING AND TESTING	No	1		