

PART 2: PRICING DATA

TSC3 Option A

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C2.1 Pricing assumptions: Option A

1. How work is priced and assessed for payment

Clause 11 in NEC3 Term Service Contract (TSC3) core clauses and Option A states:

Identified and defined terms	11	
	11.2	(12) The Price List is the <i>price list</i> unless later changed in accordance with this contract.
		(17) The Price for Services Provided to Date is the total of <ul style="list-style-type: none">the Price for each lump sum item in the Price List which the <i>Contractor</i> has completed andwhere a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the <i>Contractor</i> has completed by the rate.
		(19) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.

This confirms that Option A is a priced contract where the Prices are derived from a list of items of service which can be priced as lump sums or as expected quantities of service multiplied by a rate or a mix of both.

2. Function of the Price List

Clause 54.1 in Option A states: "Information in the Price List is not Service Information". This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Service in accordance with the Service Information". Hence the *Contractor* does **not** Provide the Service in accordance with the Price List. The Price List is only a pricing document.

3. Link to the *Contractor's* plan

Clause 21.4 states "The *Contractor* provides information which shows how each item description on the Price List relates to the operations on each plan which he submits for acceptance". Hence when compiling the *price list*, the tendering contractor needs to develop his first clause 21.2 plan in such a way that operations shown on it can be priced in the *price list* and result in a satisfactory cash flow in terms of clause 11.2(17).

4. Preparing the *price list*

Before preparing the *price list*, both the *Employer* and tendering contractors should read the TSC3 Guidance Notes pages 14 and 15. In an Option A contract, either Party may have entered items into the *price list* either as a process of offer and acceptance (tendering) or by negotiation depending on the nature of the *service* to be provided. Alternatively 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 the *price list* to be prepared and priced by him.

It is assumed that in preparing or finalising the *price list* the *Contractor*:

- Has taken account of the guidance given in the TSC3 Guidance Notes relevant to Option A;
- Understands the function of the Price List and how work is priced and paid for;
- Is aware of the need to link operations shown in his plan to items shown in the Price List;
- Has listed and priced items in the *price list* which are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service 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 item within the Prices or rates of other listed items in order to fulfil the obligation to complete the *service* for the tendered total of the Prices.
- Understands there is no adjustment to items priced as lump sums if the amount, or quantity, of work within that item later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the (lump sum) Prices is as a result of a compensation event.

4.1. Format of the *price list*

(From the example given in an Appendix within the TSC3 Guidance Notes)

Entries in the first four columns in the *price list* in section C2.2 are made either by the *Employer* or the tendering contractor.

If the *Contractor* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering contractor enters the amount in the Price column only, the Unit, Expected Quantity and Rate columns being left blank.

If the *Contractor* is to be paid an amount for an item of work which is the rate for the work multiplied by the quantity completed, the tendering contractor enters the rate which is then multiplied by the Expected Quantity to produce the Price, which is also entered.

If the *Contractor* is to be paid a Price for an item proportional to the length of time for which a service is provided, a unit of time is stated in the Unit column and the expected length of time (as a quantity of the stated units of time) is stated in the Expected Quantity column.

C2.2 the *price list*

Item No	Description	Unit	Qty	Rate	Amount
	PRELIMINARIES AND GENERAL				
1.1	Fixed				
1.1.1a	Site Establishment for: Delivery of Kitchen Converted Container	Once Off	1		
1.1.1b	Site Establishment for: Delivery of Steel Storage Container	Once Off	1		
1.1.1c	Site Establishment for: Delivery of Office Converted Containers + Changerooms with Showers	Once Off	3		
1.1.2	Kitchen Converted Container L-11.62m; W-3.58m; H-2.69m (x 1No)	Once Off	1		
1.1.3	Steel Storage Container L-12m; W-2.43m; H-2.69m (x 1No)	Once Off	1		
1.1.4	Office Converted Containers L-12m; W-3m; H-2.69m (x 2No)	Once Off	2		
1.1.5	Changerooms with showers and ablutions	Once Off	1		
1.1.6	Standard PPE - 43No Per/Year	Per Person	129		
1.1.7	Safety File	Once Off	1		
1.1.8	Medicals - Entry 43No Per/Year	Per Person	129		
	Medicals - Exit	Per Person	43		
1.1.9	Police Clearance Certificate - 43No Per/Year	No	129		
1.2	Time Related				
1.2.1	Home-Work-Home (23 Seater Bus) - x 2No	Monthly	72		
1.2.2	Light Driven Vehicle - x 1No	Monthly	36		
1.2.3	8 Ton truck - x 1No (For site usage)	Monthly	36		
1.3	Plant and Machinery Requirements				
1.3.1	Vaccum Truck (Hire)	No	72		
1.3.2	High Water Pressure Jetting Truck (Hire)	No	72		
1.3.3	30m long Hydraulic pipe (Hire)	No	72		
1.3.4	Tools and Equipments (Hire)	Sum	3		
	Total for P&Gs:				
Item No	Description	Unit	Qty	Rate	Amount
2	RESOURCES				
2.1	NORMAL HOURS				
2.1.1	Site Manager (Average Early-Career 5 - 9 years) - 1No off	Hours/Person	5868		

2.1.2	Site Supervisor (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	11736		
2.1.3	Safety Officer (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	11736		
2.1.4	Equipment Operators - Vacuum Truck (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	23472		
2.1.5	Equipment Operators - High water pressure jetting truck (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	23472		
2.1.6	General Worker (Average Early-Career 1 - 4 years) - 24No Off	Hours/Person	140832		
2.1.7	Spotter's - Level 1 (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	23472		
2.1.8	Vehicle Driver Level 2 (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	11736		
Sub-Total for Normal Hours:					
2.2	OVERTIME (SATURDAYS) - Based on 3 Weekends a Month			1.50	
2.2.1	Site Supervisor (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	2592		
2.2.2	Safety Officer (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	2592		
2.2.3	Equipment Operators - Vacuum Truck (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	5184		
2.2.4	Equipment Operators - High water pressure jetting truck (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	5184		
2.2.5	General Worker (Average Early-Career 1 - 4 years) - 24No Off	Hours/Person	31104		
2.2.6	Spotter's - Level 1 (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	5184		
2.2.7	Vehicle Driver Level 2 (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	2592		
Sub-Total for Overtime (Saturdays):					
2.2	OVERTIME (SUNDAYS) - Based on 3 Weekends a Month			2.00	
2.2.1	Site Supervisor (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	2592		
2.2.2	Safety Officer (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	2592		
2.2.3	Equipment Operators - Vacuum Truck (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	5184		
2.2.4	Equipment Operators - High water pressure jetting truck (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	5184		
2.2.5	General Worker (Average Early-Career 1 - 4 years) - 24No Off	Hours/Person	31104		
2.2.6	Spotter's - Level 1 (Average Early-Career 1 - 4 years) - 4No Off	Hours/Person	5184		
2.2.7	Vehicle Driver Level 2 (Average Early-Career 1 - 4 years) - 2No Off	Hours/Person	2592		
Sub-Total for Overtime (Sundays):					
Total for Resources:					
Item No.	External Works	Unit	Qty	Rate	Amount
3	CLEANING OF EXISTING FACILITIES				
3.1	Cleaning of existing facilities by means of High Water Pressure Jetting:				
3.1a	Auxiliary Bays				
3.1.1a	Auxiliary Bay - Unit 1-6 ACC	m2	4032		
3.1.2a	Auxiliary Bay - Unit 6 to Substation East	m2	3312		

3.1.3a	Auxiliary Bay - Unit 1 to West Wall	m2	3312		
3.1.4a	Auxiliary Bay - Unit 1-6 ACC (A)	m2	1530		
3.1.5a	Auxiliary Bay - Unit 1-6 ACC (B)	m2	240		
3.1.6a	Auxiliary Bay - Unit 1-6 Substation FGD (A)	m2	2655		
3.1.7a	Auxiliary Bay - Unit 1-6 Substation FGD (B)	m2	105		
3.2a	Tunnels				
3.2.1a	Tunnels - between FGD Unit 1 and 2	m2	945		
3.2.2a	Tunnels - between FGD Unit 2, 3 and 4	m2	2100		
3.2.3a	Tunnels - between FGD Unit 4, 5 and 6	m2	1500		
3.2.4a	Tunnels - between FGD Unit 5 and 6	m2	1538		
3.3a	Basements				
3.3.1a	ACC Electrical Substation Unit 1 - 6	m2	2685		
3.3.2a	CPP Electrical Substation Unit 1 - 6 (Ground Floor)	m2	2523		
3.3.3a	Auxiliary Bay 9 M level LV Switchgear Room Substations (Unit 1 - 6)	m2	1233		
3.3.4a	Auxiliary Bay 0 M level LV Switchgear Room Substations (Unit 1 - 6)	m2	1596		
3.3.5a	Auxiliary Bay 0 M level MV Switchgear Room Substations (Unit 1 - 6)	m2	1542		
3.3.6a	FFP Electrical Substation (Entire Building)	m2	993		
3.3.7a	GFD Electrical Substation	m2	2658		
3.3.8a	Compressor House East - Electrical Substation (Entire Building)	m2	5211		
3.3.9a	Compressor House West - Electrical Substation (Entire Building)	m2	5211		
3.3.10a	Substation South Switchgear Room (Entire Basement)	m2	5880		
3.3.11a	Hydrogen Electrical Substation	m2	984		
3.3.12a	Wastewater Electrical Substation	m2	1152		
3.3.13a	Water Treatment plant Electrical Substation	m2	2502		
3.3.14a	Fire Water Electrical Substation (Fire Water Pump Building)	m2	2865		
3.3.15a	Tunnels - between FGD Unit 5 and 6 (Entire Building)	m2	3603		
3.3.16a	Auxiliary Substation A Switchgear Room	m2	3291		
3.3.17a	Auxiliary Substation B Switchgear Room	m2	2607		
3.3.18a	Limestone and Emergency Ash handling Electrical Substation	m2	2607		
3.3.19a	10 Year Ash Electrical Substation	m2	2607		
3.3.20a	North Coal Stock Yard Electrical Substation	m2	2565		
3.3.21a	South Coal Stock Yard Electrical Substation	m2	2607		
3.3.22a	Dirty Dam Electrical Substation (Entire Building).	m2	2922		
3.4a	Manholes				
3.4.1a	MH 96 - Location	m3	8.03		
3.4.2a	MH 159 - Location	m3	8.03		
4	Allowance for supply of Heavy Duty Flooding Outdoor Woven Polypropylene Sand Bags with Solid Ties for UV Protection Emergency Situation on the tunnels and basements:				
4.1	Sandbags (15kg) for barrication of slurry	Each	6600		

5	Cart away surplus materials and/or slurry to disposal to a specific dermacation site as per the approval of Eskom Project Manager:				
5.1	Cartaway to disposal site.	Item	36		
6	INSPECTION AND PROTECTION OF EXISTING SERVICES				
6.1	Specialist equipment for the electrical detection on the tunnel basements	Monthly	36		
6.2	9kg DCP Fire Extinguisher	Each	3		
6.3	First aid kit on site	Each	3		
6.4	Labour for the use of equipment for detection existing cables	Monthly	144		
6.5	Medicals, Inductions, PPE	Sum	1		
6.6	Protection of the works and surrounding structures for the duration of the contract.	Sum	1		
6.7	Travelling	km	90000		
	Total for Cleaning of Existing Facilities:				
				TOTAL AMOUNT EXCL VAT	