

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 and• where 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
	SECTION - A				
	PRELIMINARIES AND GENERAL (P&G's)				
1.0	MANUFACTURING GRP PIPES AT SERVICE PROVIDER'S WORKSHOP FOR THE PERIOD OF 4 MONTHS				
1.1	Resources / Labour Normal - time				
1.1.1	Project Supervisor (1-4 years experience)	Hours/Month	652		
1.1.2	Quality Inspector (QA)/ Quality Control (QC) - Average Expience 1 - 6 years.	Hours/Month	652		
1.1.3	Laminator - Average of 1-4 years experience	Hours/Month	2608		
1.1.4	Fitter & Turner - Average of 1-4 years experience	Hours/Month	1304		

	SECTION - B				
	PRELIMINARIES AND GENERAL (P&G's)				
	ON-SITE SERVICES FOR THE PERIOD OF 2 MONTHS				
1.2	FIXED CHARGES				
1.2.1	Safety File	EA/Yearly	1		
1.2.2	Medicals and Induction	EA/Yearly	14		
1.2.3	PPE	EA/Yearly	14		
1.2.4	Site Establishment	Sum	1		
1.2.5	Tools & Equipment and Consumable	Sum	1		
	ON-SITE SERVICES FOR THE PERIOD OF 2 MONTHS				
1.3	TIME RELATED CHARGES				
1.3.1	Travelling / Transport - LDV Van 5 Seater (Hired)	Ea/Month	2		
1.3.2	Normal-time fuel for LDV Van 5 Seater to Kusile Power Station	km	5170		
1.3.3	14 Seater Bus - Transport: Witbank Route to Kusile Power Station	Ea/Month	2		
1.4	Resources / Labour Normal - time				
1.4.1	Project/Construction Managers - Average of 5-9 years experience	Hours/Month	326		
1.4.2	Project Supervisor (1-4 years experience)	Hours/Month	326		
1.4.3	Health and Safety Officer (1-4 years experience)	Hours/Month	326		
1.4.4	Quality Inspector (QA)/ Quality Control (QC) - Average Expience 1 - 4 years.	Hours/Month	326		
1.4.5	Laminator - Average of 1-4 years experience	Hours/Month	1304		
1.4.6	Fitter & Turner - Average of 1-4 years experience	Hours/Month	652		

1.4.7	Rigger at (1-4 years experience)	Hours/Month	652		
1.4.8	General Works/Assistance - Average of 1-4 years experience	Hours/Month	652		
1.5	Resources / Labour Overtime (x1.5)				
1.5.1	Project/Construction Managers - Average of 5-9 years experience	Hours/Month	8		
1.5.2	Project Supervisor (1-4 years experience)	Hours/Month	8		
1.5.3	Health and Safety Officer (1-4 years experience)	Hours/Month	8		
1.5.4	Quality Inspector (QA)/ Quality Control (QC) - Average Expience 1 - 6 years.	Hours/Month	12		
1.5.5	Laminator - Average of 1-4 years experience	Hours/Month	12		
1.5.6	Fitter & Turner - Average of 1-4 years experience	Hours/Month	12		
1.5.7	Riggers at (1-4 years experience)	Hours/Month	12		
1.5.8	General Works/Aassistance - Average of 1-4 years experience	Hours/Month	12		
1.6	Resources / Labour Overtime (x2)				
1.6.1	Project/Construction Managers - Average of 5-9 years experience	Hours/Month	6		
1.6.2	Project Supervisor (1-4 years experience)	Hours/Month	6		
1.6.3	Health and Safety Officer (1-4 years experience)	Hours/Month	6		
1.6.4	Quality Inspector (QA)/ Quality Control (QC) - Average Expience 1 - 6 years.	Hours/Month	6		
1.6.5	Laminator - Average of 1-4 years experience	Hours/Month	8		
1.6.6	Fitter & Turner - Average of 1-4 years experience	Hours/Month	8		
1.6.7	Riggers at (1-4 years experience)	Hours/Month	8		
1.6.8	General Works/Aassistance - Average of 1-4 years experience	Hours/Month	8		
-	Subtotal Amount Excl. VAT				-

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SUPPLY , DELIVERY AND INSTALLATION OF ABSORBER SPRAY BANKS FOR UNIT 1, LEVEL 1-4				
1.0	Site Establishment and De-Establishment (Entrance & Exit)				
1.1	Storage container Hire (Size: 3 x 6m)	Ea/Month	2		
1.2	Office container Hire (Size: 3 x 6m) including 2 x standard AC Units	Ea/Month	2		
1.3	Partable Toilets	Ea/Month	2		
1.4	Recycle Bin - 240L	Ea/Month	1		
1.5	12T Crane truck for delivery and collection of office container and Storage.	Once-off	1		
1.6	15T Truck for delivery of Spray Bank materials.	Once-off	1		
1.7	Diesel for 15T Truck.	km	121		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.0	TOOLS AND EQUIPMENT FOR THE INSTALLATION OF ABSORBER SPRAY BANKS FOR UNIT 1				
1.1	Generator 25KVA (Incl. delivery - Hire)	EA/Day/Month	42		
1.2	Compressor air blower 6 bars 190CMM (Incl. delivery - Hire)	EA/Day/Month	42		
1.3	40 Bar High Pressure Testing Equipment (Incl. delivery - Hire)	EA/Day	5		
1.4	Portable Electrical DB board (Incl. delivery - Hire)	EA/Day/Month	42		
1.5	Drill Hammers - Hilti (Incl. delivery - Hire)	EA/Day/Month	84		
1.6	Grinder (Incl. delivery - Hire)	EA/Day/Month	84		
1.7	9kg DCP fire extinguisher	EA	2		
	Subtotal Amount Excl. VAT				

ITEM NO	DESCRIPTION	SIZE 1	SIZE 2	UNIT	QTY	RATE	AMOUNT
1.0	GRP ABSORBER SPRAY BANKS MAIN HEADER - UNIT 1, LEVEL 1-4						
1.1	PIPE	1300NB		m	16		
1.2	PIPE	1200NB		m	8		
1.3	PIPE	1100NB		m	16		
1.4	PIPE	1000NB		m	8		
1.5	PIPE	850NB		m	8		
1.6	PIPE	750NB		m	8		
1.7	PIPE	500NB		m	8		
1.8	PIPE	300NB		m	36		
1.9	CONCENTRIC REDUCER	1300NB	1200NB	No.	4		
1.10	CONCENTRIC REDUCER	1200NB	1100NB	No.	8		
1.11	CONCENTRIC REDUCER	1100NB	1000NB	No.	8		
1.12	CONCENTRIC REDUCER	1000NB	850NB	No.	4		
1.13	CONCENTRIC REDUCER	850NB	750NB	No.	12		
1.14	CONCENTRIC REDUCER	750NB	500NB	No.	4		
1.15	CONCENTRIC REDUCER	500NB	300NB	No.	4		
1.16	FULL FACE FLANGE	1300NB		No.	8		
1.17	END CAP	300NB		No.	4		
1.18	SHOP JOINTS	1300NB		No.	8		
1.19	SHOP JOINTS	1200NB		No.	8		

1.20	SHOP JOINTS	1100NB		No.	8		
1.21	SHOP JOINTS	1000NB		No.	8		
1.22	SHOP JOINTS	850NB		No.	4		
1.23	SHOP JOINTS	750NB		No.	8		
1.24	SHOP JOINTS	500NB		No.	8		
1.25	SHOP JOINTS	300NB		No.	80		
1.26	SITE JOINTS (Material Supply Only)	850NB		No.	4		
2.0	<u>GRP ABSORBER SPRAY BANKS SPOOL BANK - UNIT 1, LEVEL 1-4</u>						
2.1	PIPE	300NB		m	160		
2.2	PIPE	250NB		m	160		
2.3	PIPE	200NB		m	120		
2.4	PIPE	150NB		m	160		
2.5	PIPE	100NB		m	200		
2.6	CONCENTRIC REDUCER	300NB	250NB	No.	72		
2.7	CONCENTRIC REDUCER	250NB	200NB	No.	72		
2.8	CONCENTRIC REDUCER	200NB	150NB	No.	72		
2.9	END CAP	150NB		No.	72		
2.10	SHOP JOINTS	300NB		No.	72		

2.11	SHOP JOINTS	250NB		No.	144		
2.12	SHOP JOINTS	200NB		No.	144		
2.13	SHOP JOINTS	150NB		No.	144		
2.14	SHOP JOINTS	100NB		No.	752		
2.15	SITE JOINTS (Material Supply Only)	300NB		No.	72		
2.16	SITE JOINTS (Material Supply Only)	100NB		No.	1504		
2.17	FULL FACE FLANGE	100NB		No.	752		
	Subtotal Amount Excl. VAT						-

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.1	PRELIMINARIES AND GENERAL (P&G's)	Sum	1		
1.2	ABSORBER SPRAY BANKS FOR UNIT 1 (LEVEL 1-4)	Sum	1		
	Total Cost carried to final summary (Excl. VAT)				-

NB: PRICING SHALL BE INCLUSIVE OF EVERYTHING NECESSARY AND INCIDENTAL TO PROVIDING THE SERVICE IN ACCORDANCE WITH THE SERVICE INFORMATION.

For clarification of the configuration of the spray banks, suppliers can make appointments for site visits.