PART 2: PRICING DATA

TSC3 Option A

Document reference	Title	No of pages
C2.1	Pricing assumptions: Option A	2
C2.2	The *price list*	**[●]**

C2.1 Pricing assumptions: Option A

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 *price list* unless later changed in accordance with this contract.

(17) The Price for Services Provided to Date is the total of

- the Price for each lump sum item in the Price List which the *Contractor* has completed and
- where a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the *Contractor* 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.

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.

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).

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.

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 nr	Description	Unit	Expected Quantity	Rate	Price
1	Bill no 1 – General Preliminary ALL work to be done by the Appointed Contractor including Safety Compliance Services and emergency response Eskom is an ISO 9001, 18001 registered company and requires from the contractor to adhere to these				
1.1	To provide Eskom with a Safety File as required and to maintain the fire detection systems throughout the contract period as contemplated	Sum	1		
1.2	Provide contract employees with appropriate Personal Protective Equipment including (as a minimum):	Sum	1		
1.3	The Contractor shall compile a file, in duplicate and in electronic format (as described) which shall be kept up to date throughout the contract period and one physical and one electronic copy returned when the contract period has expired.	Sum	1		
Total Bill 1					

Bill 2: <u>Monthly</u> Inspect, conduct fault-finding and Restore Faults and Alarms on Station Fire Alarm Systems:						
Item nr	**Description**	**Unit**	**Expected Quantity**	**Rate**	**Price for Year 1**	**Total for 60 months**
2	Monthly Inspection, Fault-finding & Repairing of Faults and Alarm intervals For the inspection, fault-finding & Restoring of Faults & Alarms of the Station Fire Alarm System (as per scope) inclusive of all supervision, labour, materials, and traveling costs of:					
2.1	Control Room Fire Alarm Panel	Ea	1			
2.2	Battery Room Fire Alarm Panel	Ea	1			
2.3	Diesel Gen Fire Alarm Panel	Ea	1			
Total Bill 2						

Bill 3: <u>3-Monthly</u> inspect and service fire alarm systems:						
Item nr	**Description**	**Unit**	**Expected Quantity**	**Rate**	**Price for Year 1**	**Total for 60 months**
3	3-Monthly Inspection & Servicing intervals For the inspection & Service of fire alarm system (as per scope) inclusive of all supervision, labour, materials, and traveling costs of:					
3.1	Control Room Fire Alarm Panel	Ea	1			
3.2	Battery Room Fire Alarm Panel	Ea	1			
3.3	Diesel Gen Fire Alarm Panel	Ea	1			
Total Bill 3						

Bill 4: <u>Yearly</u> service fire detection systems:						
Item nr	**Description**	**Unit**	**Expected Quantity**	**Rate**	**Price for Year 1**	**Total for 60 months**
4	Yearly Service intervals For the servicing of fire protection systems inclusive of all supervision, labour, materials, and traveling costs of:					
4.1	Control Room Fire Alarm Panel	Ea	1			
4.2	Battery Room Fire Alarm Panel	Ea	1			
4.3	Diesel Gen Fire Alarm Panel	Ea	1			
Total Bill 4						

Bill 5: <u>Yearly</u> functional test of fire detectors:						
Item nr	**Description**	**Unit**	**Expected Quantity**	**Rate**	**Price for Year 1**	**Total for 60 months**
5	Yearly Functional Test intervals For the functional testing of fire detectors inclusive of all supervision, labour, and traveling costs of:					
5.1	Detectors	Ea				
5.2	Call Points	Ea				
Total Bill 5						

Bill 6: <u>Reactive Maintenance</u>							
Item nr	**Description**	**Unit**	**Expected Quantity**	**Days**	**Rate**	**Price for Year 1**	**Total for 60 months**
6.1	Fault-finding clearing of faults, provide certification intervals For the fault-finding, clear standing faults on the respective systems for the different plant areas, Install new fire detection devices, program the panel and commission new fire detection devices, provide certification Intervals inclusive of all supervision, labour and traveling costs:						
6.1.1	Materials, consumables, tools and equipment	Ea	1				
6.1.2	Supervisor	Ea	1	60			
6.1.3	Safety Officer	Ea	1	60			
6.1.4	Technicians	Ea	2	60			
6.1.5	Maintenance Assistant	Ea	1	60			
6.1.6	Travelling Cost	/KM	2	60			
6.1.7	Accommodation	Ea	5	60			
6.1.8	Living Out	Ea	5	60			
Total Bill 6.1							

Bill 6.2: Disposal of Fire Equipment:							
Item nr	**Description**	**Unit**	**Expected Quantity**	**Days**	**Rate**	**Price for Year 1**	**Total for 60 months**
6.2	Disposal of Fire Equipment intervals For the Disposal of Fire Equipment Intervals inclusive of all supervision, labour, materials and traveling costs:	Ea	1				
6.2.1	Transport of Materials	/KM	2				
Total Bill 6.2							

Bill 6.3: Undefined Spares:							
Item nr	**Description**	**Unit**	**Expected Quantity**	**Days**	**Rate**	**Price for Year 1**	**Total for 60 months**
6.3	Undefined Spares intervals For the Supply of Undefined Spares Intervals inclusive of all materials and delivery costs:						
6.3.1	Transport of Materials	/KM	1				
6.3.2	Spares	Sum	1				
Total Bill 6.3							

Bill 6.4: Call Outs / Defects:							
Item nr	**Description**	**Unit**	**Expected Quantity**	**Days**	**Rate**	**Price for Year 1**	**Total for 60 months**
6.4	Call Outs and Defects intervals For Call Outs and Defects Intervals inclusive of all labour, accommodation and travelling costs:	Ea					
6.4.1	Supervisor	Ea	1	180			
6.4.2	Safety Officer	Ea	1	180			
6.4.2	Technician	Ea	2	180			
6.4.3	Semi-skilled	Ea	1	180			
6.4.4	Accommodation	Ea	5	180			
6.4.5	Travelling Cost	/KM	2	180			
6.4.6	Living Out	Ea	5	180			
Total Bill 6.4							

Bill 7: Training:							
Item nr	**Description**	**Unit**	**Expected Quantity**	**Days**	**Rate**	**Price for Year 1**	**Total for 60 months**
7.1	Training intervals For Training Intervals inclusive of all labour, training material accommodation and travelling costs:						
7.1.1	Trainer	Ea	1				
7.4.2	Ops Training Material	Ea	10				
7.4.2	Maintenance Training Material	Ea	10				
7.4.4	Accommodation	Ea	1	3			
7.4.5	Travelling Cost	/KM	2	8			
7.4.6	Living Out	Ea	1	3			
Total Bill 7.4							

Bill 8: <u>Spares</u>:				
Item nr	**Description**	**Unit**	**Expected Quantity**	**Total**
8	For the supply of the following spares:			
8.1	2 Loop Panel: Ziton (ZP3-2L)	Each	2	
8.2	2 Loop Panel Motherboard: Ziton (ZP3-MB2C-230V-2L)	Each	1	
8.3	CPU: Ziton (ZP3-CPU1)	Each	4	
8.4	Network Interface Board: Ziton (ZP3AB1-NET)	Each	2	
8.5	Control Bus Card: Ziton (ZP3AB-SCB-R)	Each	2	
8.6	Relay Board: Ziton (ZP3AB-RL8)	Each	2	
8.7	Op 24 Relay Board: Ziton (ZP3AB-OP24)	Each	2	
8.8	Interface Unit: Ziton (A45E-2)	Each	10	
8.9	A70E-2 Conventional Interface	Each	10	
8.10	Analogue Ionization Sensor (ZP710-2) or similar	Each	20	
8.11	YBN-R/4IS(WHT) Conventional intrinsically safe detector mounting base	Each	30	
8.12	DCD-1E-IS(WHT) Conventional Intrinsically Safe Heat Detector, Grade A1R	Each	30	
8.13	Manual Call Point: Ziton (ZP785-3) or similar	Each	10	
8.14	Manual Call Point Base: Ziton (DMN787)	Each	20	
8.15	Resetable Elements: Ziton (DMN800)	Each	4	
8.16	Horn Sounder with Visual Indicator Red: Ziton (ZP755HAV-2R)	Each	2	
8.17	Horn Sounder with Visual Indicator Red Base: Ziton	Each	2	
8.18	Fire Alarm Cable (PH30 4x1.5mm^2	m	1000	
8.19	Ziton BS131N Batteries 12V,18Ah	Each	8	
8.20	ZP3 System Sortware / Maestro	Each	1	
8.21	Aritech 1X-F2-99 1X Conventional Fire Panel with User Interface – 2 Zone	Each	1	
Total Bill 8				

SUMMARY

Item Nr	Description	Price
1	Bill No 1 - Preliminary	
2	Bill No 2 – Monthly inspection, fault-finding & Restoring of Faults & Alarms of the Station Fire Alarm System	
3	Bill No 3 – Quarterly inspection and servicing of fire alarm systems	
4	Bill No 4 – Annual servicing of fire detection systems	
5	Bill No 5 – Annual functional test of fire detectors	
6	Bill No 6 – Reactive Maintenance	
6.1	Bill No 6.1 –Fault-finding clearing of faults, provide certification	
6.2	Bill No 6.2 –Disposal of fire equipment	
6.3	Bill No 6.3 – Undefined spares	
6.4	Bill No 6.4 – Call Outs / Defects	
7	Bill No 7 - Training	
8	Bill No 8 – Spares	
	The total of the Prices	