

## PART 2: PRICING DATA

### TSC3 Option A

<b>Document reference</b>	<b>The provision of scheduled maintenance and breakdown attendance for Fire Detection System including spares supply at Grootvlei Power Station and Vaal Dam pumping Station Site for a period of 60 months</b>	<b>No of pages</b>
C2.1	Pricing assumptions: Option A	2
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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:

<b>Identified and defined terms</b>	11	
	11.2	The Price List is the price list unless later changed in accordance with this contract.

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.
- 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*:

- 4.1 Has taken account of the guidance given in the TSC3 Guidance Notes relevant to Option A;
- 4.2 Understands the function of the Price List and how work is priced and paid for;
- 4.3 Is aware of the need to link operations shown in his plan to items shown in the Price List;
- 4.4 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;
- 4.5 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.
- 4.6 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.

## 5. 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

Section 1: Preliminaries and General's							
Item no.	Description	Unit	QTY	Rate	Amount	No of Years/ Months	Total Amount
<b>1.1</b>	<b>Site Establishment</b>						
1.1.1	Transporting of Facilities to site	Sum	1			1	
1.1.2	Office furniture and equipment	Sum	1			1	
1.1.3	Establishment of offices (including cost of container)	Sum	1			1	
<b>1.2</b>	<b>Transportation</b>						
1.2.1	Travelling	km	5000			60	
1.2.2	Travelling allowance (Standby and Overtime)	km	2000			60	
<b>1.3</b>	<b>Health and Safety Requirements</b>						
1.3.1	Medicals and Induction	Each	4			5	
1.3.2	Safety file	Sum	1			1	
1.3.3	<b>Personal protective equipment (Yearly) actual to be claimed with a proof</b>						
1.3.3.1	Hard hat (1 * per year)	per person	3			5	
1.3.3.2	SABS Approved D59 Flame and Acid Full overall (per year) (2 * per year)	per person	3			5	
1.3.3.3	Socks -(2 * per year)	per person	4			5	
1.3.3.4	SABS Approved Steel toe Safety boots - Yearly	per person	4			5	

1.3.3.5	Disposable PPE (monthly)	no	126			60	
1.3.3.6	Dust mask (FFP1 Dust Face Mask) (monthly)	no	126			60	
1.3.3.7	Ear protection (Corded Disposable Earplugs) (monthly)	no	126			60	
1.3.3.8	Safety goggles (monthly)	no	6			60	
1.3.4	Police Clearance	Each	4			5	
<b>1.4</b>	<b>IT infrastructure</b>						
	Laptop	No	1			1	
	Printer	No	1			1	
	Wi-Fi	Month	1			60	
<b>1.5</b>	<b>Tools and Test equipments</b>						
1.5.1	Toolbox/Tool bag	each	3			1	
1.5.2	Hex key set	each	3			1	
1.5.3	Digital multimeter (Fluke 177)	each	3			1	
1.5.4	Ryobi blower	each	1			1	
1.5.5	Extension cord	each	1			1	
1.5.6	Safety harness	each	3			1	
1.5.7	Pipe wrench 14	each	3			1	
1.5.8	Set of Flat Screwdrivers	each	3			1	
1.5.9	Set of Terminal screwdrivers	each	3			1	
1.5.10	Plier	each	3			1	
1.5.11	Pipe wrench	each	3			1	
1.5.12	Side cutter pliers	each	3			1	
1.5.13	Long nose pliers	each	3			1	
1.5.14	Search light	each	3			1	
1.5.15	Junior hacksaw	each	3			1	

1.5.16	Step ladder	each	1			1	
1.5.17	Torch	each	3			1	
1.5.18	Insulation tape	each	10			60	
1.5.19	Network cable tester	each	2			1	
1.5.20	Head lamp	each	3			1	
1.5.21	Lektro clean spray	each	10			60	
1.6	Site De-Establishment						
1.6.1	Removal of all facilities and final site cleaning.	sum	1			1	

<b>2 Provision of labour</b>								
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Hrs per month</b>	<b>QTY</b>	<b>Rate</b>	<b>Total</b>	<b>No of months</b>	<b>Total Price</b>
<b>2.1</b>	<b>Labour: Normal Time</b>							
2.1.1	Snr Technician	HR	173	1			60	
2.1.2	Technician	HR	173	2			60	
2.1.3	Contract administrator -once a week	HR	32	1			60	
<b>2.2</b>	<b>Labour: Overtime</b>							
2.2.1	Snr Technician	HR	60	1			60	
2.2.2	Technician	HR	60	2			60	
<b>2.3</b>	<b>Labour: Sunday and Public Holiday</b>							
2.3.1	Snr Technician	HR	30	1			60	
2.3.1	Technician	HR	30	2			60	
<b>2.4</b>	<b>Labour: Standby Allowance</b>							
2.4.1	Snr Technician	HR	14	1			60	
2.4.2	Technician	HR	14	2			60	

3	<b><u>Supply and Delivery of Spares XLS1000</u></b>						
	<b>Description</b>	<b>Part number</b>	<b>Unit</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>	<b>Total Price</b>
<b>3.1</b>	<b>Spares</b>						
3.1.1	Battery:12V, 40AH		EA	30			
3.1.2	Processor:3-CPU1, Main panel for XLS1000, Class "A" audio networking	3-CPU1	EA	17			
3.1.3	Controller:3-DSDC, Signature data loop for use with XLS1000	3-DSDC	EA	17			
3.1.4	Card:3-SDC, Daughter to add second loop on 3-DSDC for signature devices	3-SDC	EA	17			
3.1.5	Display:3-LCD, Main operator interface with LCD, for use with XLS200/1000	3-LCD	EA	15			
3.1.6	Card, Communication:3-RS232, communication	3-RS232	EA	18			
3.1.7	Module:3-FIB, Fibre optic network communication	3-FIB	EA	40			
3.1.8	Power, Supply:3-PPS/M-230, Primary 230VAC with monitor module	3-PPS	EA	40			
3.1.9	Base: SIGA-SB4, Detector 4" Octagon box MTG	SIGA-SB4	EA	100			
3.1.10	Detector: XLS-PS, Intelligent Smoke	XLS-PS	EA	100			
3.1.11	Detector: XLS-HFS, Heat 135F Fixed Temp, Intelligent for use on XLS signature	XLS-HFS	EA	100			
3.1.12	Module: SIGA-CT1, Single Input for use with XLS signature loop	SIGA-CT1	EA	10			
3.1.13	Module: SIGA-CR, Control Relay	SIGA-CR	EA	10			
3.1.14	XLS-LAN Interface Chassis	32004871-005	EA	15			
3.1.15	Sigi 271 Pull Station (Break Glass)	SIGI 271	EA	15			
3.1.16	Power supply (Honeywell)	SPECIFICATION: HPF24S6; MANUF P/N: HPF24S6	EA	30			
3.1.17	Base:32004871-010, F-BOX(Redundant)		EA	30			
<b>TOTAL</b>							

