

TRANSNET PROPERTY

CONTRACT NO:

DESCRIPTION OF THE WORKS: DECOMMISSION, DESIGN, SUPPLY, INSTALL, COMMISSIONING AND MAINTENANCE OF LIFTS AND ESCALATORS AT CARLTON CENTRE

PART 2: PRICING DATA

Document reference	Title	No of pages
C2.1	Pricing instructions: Option A	
C2.2	Activity Schedule	
C2.3	Labour Rates	
C2.4	Price Rates	

C2.1 Pricing Instructions: Option A

1. The *conditions of contract*

1.1. How the contract prices work and assess it for progress payments

Clause 11 in NEC3 Engineering and Construction Contract, June 2005, (with amendments June 2006 and April 2013) (ECC) Option A states:

**Identified 11
and
defined 11.2
terms**

(20) The Activity Schedule is the *activity schedule* unless later changed in accordance with this contract.

(22) Defined Cost is the cost of the components in the Shorter Schedule of Cost Components whether work is subcontracted or not excluding the cost of preparing quotations for compensation events.

(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 sums for each of the activities on the Activity Schedule unless later changed in accordance with this contract.

1.2. Measurement and Payment

1.2.1 The Activity Schedule provides the basis of all valuations of the Price for Work Done to Date, payments in multiple currencies, price adjustments for inflation and general progress monitoring.

1.2.2 The amount due at each assessment date is based on **completed activities and/or milestones** as indicated on the Activity Schedule.

1.2.3 The Activity Schedule work breakdown structure provided by the *Contractor* is based on the Activity Schedule provided by the *Employer*. The activities listed by the *Employer* are the minimum activities acceptable and identify the specific activities which are required to achieve Completion. The activity schedule work breakdown structure is compiled to the satisfaction of the *Project Manager* with any additions and/or amendments deemed necessary.

1.2.4 The *Contractor's* detailed Activity Schedule summates back to the Activity Schedule provided by the *Employer* and is in sufficient detail to monitor completion of activities related to the Accepted Programme in order that payment of completed activities may be assessed.

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- 1.2.5 The short descriptions in the Activity Schedule are for identification purposes only. All work described in the Works Information is deemed included in the activities.
- 1.2.6 The Activity Schedule is integrated with the Prices, Accepted Programme and where required the forecast rate of payment schedule.
- 1.2.7 Activities in multiple currencies are separately identified on both the Activity Schedule and the Accepted Programme for each currency.
- 1.2.8 The tendered total of the prices as stated in the Contract Data is obtained from the Activity Schedule summary. The tendered total of the prices includes for all direct and indirect costs, overheads, profits, risks, liabilities and obligations relative to the Contract.

C2.2 Activity Schedule

The Tenderer details his Activity Schedule below or makes reference to his Activity Schedule and attaches it to this schedule.

The details given below serve as guidelines only and the Tenderer may split or combine the activities to suit his particular methods.

Section A (Preliminaries and General)

Activity No	Activity Description	Unit	Rate (Rands)	Quantity	Price of each activity
1.	Preliminary & General Costs				
1.1	– Site Establishment	Sum	R	1	R
1.2	– Removal of Contractor's establishment on completion	Sum	R	1	R
1.3	– Occupational Health and Safety	Sum	R	1	R
1.4	– Mobilisation costs	Sum	R	1	R
Sub-Total A: Preliminaries and General					R

All amounts to entered exclusive of VAT

Section B (Provisional Sum)

Activity No	Activity Description	Unit	Rate (Rands)	Quantity	Price of each activity
2.	Professional fees:				
1.5	– Structural (site assessment, concept design & detail design)	Sum	R	1	R
1.6	– Mechanical & Electrical (site assessment, concept design & detail design)	Sum	R	1	R
1.7	– Architectural	Sum	R	1	R
3.	Structural strengthening	Sum	R	1	R
4.	Slab and beam modification	Sum	R	1	R
5.	Temporary staircase	Sum	R	1	R
6.	Dust screens/hoarding	Sum	R	1	R
7.	Night shift allowance	Sum	R	1	R
8.	As-built drawings	Sum	R	1	R
9.	Allowance for power upgrades	Sum	R	1	R
10.	New cabling	Sum	R	1	R
11.	Switchgear modifications	Sum	R	1	R
12.	UPS/backup integration	Sum	R	1	R
13.	Integration of new lifts to existing lifts	Sum	R	1	R
14.	Fire recall, evacuation, and communication systems	Sum	R	1	R
15.	Full testing with Fire Department and Building Management System (BMS).	Sum	R	1	R
Sub-Total B: Provisional Sum					R

Section C (Replacement of Lifts and Escalators)

Activity No	Activity Description	Unit	Rate (Rands)	Quantity	Price of each activity
16.	Electrical Lifts (021) Fireman's Unit No. 680493 Load – 2470kg Speed 6m/s	Sum	R	1	R
17.	Electrical Lifts (020) Panorama Unit No. 680492 Load – 1816kg Speed 6m/s	Sum	R	1	R
18.	Electrical Lifts (UF49) Unit No. 680498 Load – 2268kg Speed 0.5m/s	Sum	R	1	R
19.	Electrical Lifts (UF42) Unit No. 680533 Load – 2270kg Speed 0.5m/s	Sum	R	1	R
20.	Electrical Lifts (UF44) Unit No. 680 Load – 1816kg Speed 1.5m/s	Sum	R	1	R
21.	Electrical Lifts (UF47) Unit No. 680 Load – 1816kg Speed 1.5m/s	Sum	R	1	R
22.	Electrical Lifts (UF48) Unit No. 680497 Load – 2268kg Speed 0.5m/s	Sum	R	1	R
23.	Electrical Lifts (UF63) Unit No. 680 Load – 1816kg Speed 1.5m/s	Sum	R	1	R
24.	Electrical lift (P56) Unit No. 680 Load – 1816kg Speed 1.5m/s	Sum	R	1	R
25.	Electrical Lifts (UG 37) Unit No. 680518 Load – 1610kg Speed 1.75m/s	Sum	R	1	R
26.	Electrical Lifts (UG 38) Unit No. 680519 Load – 1610kg Speed 1.75m/s	Sum	R	1	R
27.	Electrical Lifts (UG 39) Unit No. 680561 Load – 1587kg Speed 1.5m/s	Sum	R	1	R
28.	Electrical Lifts (UG 40) Unit No. 680561 Load – 1587kg Speed 1.5m/s	Sum	R	1	R
29.	Electrical Lifts (P 54) Unit No. 680561 Load – 2270kg Speed 1.75m/s	Sum	R	1	R
30.	Electrical Lifts (P 55) Unit No. 680561 Load – 2270kg Speed 1.75m/s	Sum	R	1	R
31.	Electrical Lifts (P 57) Unit No. 680562	Sum	R	1	R

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	Load – 2270kg Speed 1.75m/s				
32.	Electrical Lifts (P 58) Unit No. 680569 Load – 2270kg Speed 1.75m/s	Sum	R	1	R
33.	Electrical Lifts (ML1) Unit No. 72NE6132 Load – 1600kg Speed 1m/s	Sum	R	1	R
34.	Electrical Lifts (Glass lift) Unit No. JE6097 Load – 1100kg Speed 1m/s	Sum	R	1	R
35.	Electrical Lifts (UG 51) Unit No. 680558 Load – 1360kg Speed 1.5m/s	Sum	R	1	R
36.	Electrical Lifts (UG 52) Unit No. 680559 Load – 1360kg Speed 1.5m/s				
37.	Electrical Lifts (O14) Unit No. 680486 Load – 1816kg Speed 7m/s	Sum	R	1	R
38.	Electrical Lifts (O15) Unit No. 680486 Load – 1816kg Speed 7m/s	Sum	R	1	R
39.	Electrical Lifts (O16) Unit No. 680486 Load – 1816kg Speed 7m/s	Sum	R	1	R
40.	Electric Passenger escalator (R1) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
41.	Electric Passenger escalator (R2) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
42.	Electric Passenger escalator (R3) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
43.	Electric Passenger escalator (R4) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
44.	Electric Passenger escalator (M1) – Small Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
45.	Electric Passenger escalator (M2) – Small Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
46.	Electric Passenger escalator (M3) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R

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47.	Electric Passenger escalator (M4) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
48.	Electric Passenger escalator (M5) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
49.	Electric Passenger (M6) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
50.	Electric Passenger escalator (M7) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
51.	Electric Passenger escalator (M8) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
52.	Electric Passenger escalator (W1) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
53.	Electric Passenger escalator (W2) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
54.	Electric Passenger escalator (CL1) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
55.	Electric Passenger escalator (CL2) – Medium Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
56.	Electric Passenger escalator (T1) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
57.	Electric Passenger escalator (T2) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
58.	Electric Passenger escalator (T3) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
59.	Electric Passenger escalator (T4) – Large Capacity 8500 per hour Speed 0.5m/s Flat Steps 3	Sum	R	1	R
60.	Allowance for removal of existing lifts & escalators, hoarding, barricading	Sum	R	44	R

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61.	Allowance for builder's work/electrical installation	Sum	R	44	R
62.	Allowance for Lift car interiors	Sum	R	24	R
63.	12 Months Defects Liability Period (DLP)	Sum	R	44	R
64.	Operating & Maintenance manuals, training and keys as specified	Sum	R	44	R
Sub-Total C: Replacement of Lifts and Escalators					R

All amounts to entered exclusive of VAT

*The must be read and completed in conjunction with the Scope of Works and the Detailed Technical Specifications for Lifts and Escalators.

Section D (Comprehensive Maintenance)

1. Comprehensive Schedule Maintenance Costs for 14 escalators and lifts

Item no	Inventory number	Quantity	Unit	Unit Rate/month	Total Price/Month
1.1	Electrical Lifts	24	Each		
1.2	Electric Passenger	20	Each		

2. Provision for the spare parts and materials

Item no	Inventory number	Quantity	Unit	Total Price
1.1.	Allowance for spare parts	Lot	Item	R

3. Summary Table

Item no	Inventory number	Total Price
3.1.	4 year Comprehensive Cost (<i>Total maintenance cost per annum x 4 years</i>)	R
3.2.	Provision of spare parts and materials	R
Sub-Total D: Comprehensive Maintenance		R

All amounts to entered exclusive of VAT

Total Contract Value:

Description	Amount
Sub-Total A: Preliminaries and General	R
Sub-Total B: Provisional Sum	R
Sub-Total C: Replacement of Lifts and Escalators	R
Sub-Total D: Comprehensive Maintenance	R
Grand total (Amount to be transferred to Form of Offer)	R

All amounts to entered exclusive of VAT

C2.3 Labour Rates

RATES FOR AD-HOC REPAIRS AND EMERGENCY CALL-OUTS:

All Rates must be excluding VAT.

1. **Normal office hours:** (07h30 to 16h00)

Chief Technician	R...../ hour.
Lift Technician	R...../ hour.
Semi-skilled	R...../ hour.

2. **Overtime weekdays and Saturday:**

Chief Technician	R...../ hour.
Lift Technician	R..... / hour.
Semi-skilled	R..... / hour.

3. **Sundays and Public Holidays:**

Chief Technician	R...../ hour.
Lift Technician	R...../ hour.
Semi-skilled	R...../ hour.

4. **Call-outs and travelling costs**

Travelling charges	R..... / km
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5. Mark up (third party procured items/services) on materials and spares:

MARK-UP ON MATERIALS	
Value of Materials*	% MARK-UP
R0 up to R9 999.99	
R10 000.00 up to R49 999.99	
R50 000.00 up to R99 999.99	
R100 000.00 up to R199 999.99	
R200 000.00 and above.	

*Value of Materials shall be net cost (excluding VAT) of parts delivered to site with all discounts deducted.

6. **Contractor** will provide Transnet Property with a minimum of 2 (Two) quotations to ensure the most feasible pricing is achieved.

7. CALL-OUTS AND TRAVELLING COSTS

The call-out rates shall include travelling costs as per AA rates R/km.

C2.4 Price Rates

1. Preservation Rates				
<i>(Provide the price rates for preserving each lift & escalator as listed below)</i>				
Item no	Inventory number	Quantity	Unit	Unit Rate
1.1.	Preservation rate (lift)	1	Each	R
1.2.	Preservation rate (escalator)	1	Each	R
1.3.	Comprehensive report of the 24 lifts	2	Each	R
1.4.	Comprehensive report of the 20 escalators	2	Each	R