

FOREWORD

This specification was prepared by the following Work Group members:

Herson Somo

Innovation hub

Recommendations for corrections, additions or deletions should be addressed to the:

Innovation hub department

Senior Manager

City Power Johannesburg (SOC) Ltd

P O Box 38766

Booyens

2016

INTRODUCTION

Hand tools is required at various locations within the City Power environment.

1 SCOPE

This specification covers City Power's requirements for tools and equipment suitable for usage by competent hands in the City Power environment.

2 NORMATIVE REFERENCES

The following documents contain provisions that, through reference in the text, constitute requirements of this specification. At the time of publication, the editions indicated were valid. All standards and specifications are subject to revision, and parties to agreements based on this specification are encouraged to investigate the possibility of applying the most recent editions of the documents listed below.

SANS 60900: 2013 Hand tools for use up to 1000 Va.c and Vd.c.

SANS 1113: 2006 Hand operated, square-drive socket wrenches.

SANS/ISO 6508-1 Metallic materials- Rockwell hardness test.

SANS 135/ISO 1456, Metallic coatings-electrodeposited coatings of nickel plus chromium and of copper plus nickel plus chromium.

SANS 77: Wooden handles for brooms, hay-forks, and rakes (including general requirements for other wooden handles for tools

SANS 680: Glazing putty for wooden and metal window frames

SANS 1219: Hand hacksaw blades

SANS 387: Hammer heads and hand hammers

SANS 28927-5 Hand-held portable power tools - Test methods for evaluation of vibration emission Part 5: Drills and impact drills

SANS 60745-2-3: Hand-held motor-operated electric tools - Safety Part 2-3: Particular requirements for grinders, polishers and disk-type sanders

SANS 1120: Pliers and nippers

SANS 1110: Screwdrivers for slotted-head screws

SANS 284: Spades and shovels

SANS 60745-2-18: Hand-held motor-operated electric tools - Safety Part 2-18: Particular requirements for strapping tools

3 REQUIREMENTS

3.1 General

- 3.1.1 All the insulated and insulating tools to 1000V shall be in good working condition, quality and provide safety to the users.
- 3.1.2 The tools when so required shall be packed in sets.
- 3.1.3 The tools shall be packed in rigidly constructed sheet metal boxes, divided in such a manner to retain the individual items in place.
- 3.1.4 They must bear SABS mark and shall comply to the latest SANS 60900 document.
- 3.1.5 Each tool shall be permanently marked with the following:
 - Manufacturer's name or trade mark.
 - Year of manufacturing.
 - Indication of the electrical working limit voltage
 - Indication of the sizes.
 - These indications shall be permanently visible on the insulation part or on the metal part.
- 3.1.6 They shall withstand the expected workloads without failing due to deformation or breaking.
- 3.1.7 If hand tools have conductive elements, insulated with covers of the insulating materials, these covers shall be well fastened, so that they do not come out/off during the normal use.
- 3.1.8 The service ability of the hand tools shall be able to withstand temperature ranges with -20 degrees celcius to +70 degrees celcius.
- 3.1.9 The insulating material applied on hand tools, shall adhere securely to the conductive part- from -20 degrees to +70 degrees celcius.

4 TESTS

- 4.1 In order to demonstrate the compliance of the product, during manufacturing, a type-test certificate according to SANS 60900 detailing all the test done is required.
- 4.2 A Rockwell hardness test for metallic material according to SANS 6508-1 is required.

5 DOCUMENTATION

- 5.1 Complete set of documentation – operating manuals, instructions etc, shall be provided.
- 5.2 Full technical information relating to the hand tools shall be supplied.

6 TRAINING

- 6.1 All training shall be provided regarding the use of these tools. Only trained and competent personnel shall be permitted to work with tools. Manufacturer's instructions and recommendations shall be adhered to when using any tool.

7. CARE AND MAINTENANCE OF TOOLS

- 7.1 Where employees are issued with a Tool Kit, they are responsible for taking all reasonable precautions against loss and keeping them in serviceable conditions.
- 7.2 The employee in receipt of the Tool kit is furnished with a schedule of the tools supplied and he shall provide a satisfactory explanation at the time they are inspected, should there be any missing, or if they are in an unserviceable condition.
- 7.3 In the case of any tool or appliance being lost, such loss must be immediately reported to the Team Leader, with an explanation of how it happened. If a satisfactory explanation cannot be given, the employee will be held liable for the replacement of such a tool or appliance.
- 7.4 Particular care must be taken of test instruments, rubber gauntlets, rubber mats, protective clothing and other safety devices to prevent damage or loss and they shall be examined by the employee immediately before use.
- 7.5 No wooden ladder or stepladder is to be painted but is to be treated periodically with the solution provided for this purpose, and they shall be inspected by the employee immediately before use, irrespective of their type or make.
- 7.6 Tool check shall be carried out as and when deemed necessary by the manager but these shall be no less frequent than twice per year. The tool schedule shall be endorsed accordingly as and when these checks are carried out.
- 7.7 Employees leaving the service must account for and return all tools issued, as per tool schedule and the value of those not returned shall be deducted from monies due.

8. QUALITY ASSURANCE

A quality management plan shall be set up in order to assure the proper quality management of the hand tools during design, development, production, installation and servicing phases. Guidance on the requirements for a quality management plan may be found in the ISO 9001:2015. The details shall be subject to agreement between City Power and the Supplier.

9. ENVIRONMENT MANAGEMENT

An environmental management plan shall be set up in order to assure the proper environmental management of the hand tools throughout its entire life cycle (i.e. during design, development, production, installation, operation and maintenance, decommissioning and disposal phases). Guidance on the requirements for an environmental management system may be found in ISO 14001:2015 standards. The details shall be subject to agreement between City Power and the Supplier. This is to ensure that the asset created conforms to environmental standards and City Power SHERQ Policy

10. HEALTHY AND SAFETY

A health and safety plan shall be set up in order to ensure proper management and compliance of the hand tools during installation operation, maintenance, and decommissioning phases. Guidance on the requirements of a health and safety plan may be found in ISO 45001:2018 standards. This is to ensure that the asset conforms to standard operating procedures and City Power SHERQ Policy. The details shall be subject to agreement between City Power and the Supplier.

ANNEXURE A - BIBLIOGRAPHY

None

ANNEXURE B - REVISION INFORMATION

DATE	REV. NO.	NOTES
October 2017	0	First issue
August 2017	1	General editing, technical schedules
March 2021	2	Added new Study Committee, New material numbers added, Spanners Set Insulated, Socket Set Insulated, Drill machine 12/18 volts cordless, Grinder 12/18 volts cordless and Laser distance measure 50m.
November 2022	3	Added new workgroup committee. Tools to be insulated to a maximum 1000V
November 2023	4	Typing error laser distance measure 100m

ANNEXURE C -TECHNICAL SCHEDULES A AND B**Item 1: Tools: Knife: Hacking PVC, 112 MM, Steel SAP 12690**

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Hacking PVC, 112 MM, Steel Mm	112	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 1: Tools: Knife: Hacking PVC, 112 MM, Steel SAP 12690

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 2: Tools: Knife, Putty, 38 MM, Steel SAP 12691

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Knife, Putty, 38 MM, Steel Mm	38	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 2: Tools: Knife, Putty, 38 MM, Steel SAP 12691

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 3: Tools: Knife, Shoemaker, 12 MM, SAP 12692

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		: Knife, Shoemaker, 12 MM Mm	12	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 3: Tools: Knife, Shoemaker, 12 MM SAP 12692

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 4: Tools: Stanley Knife 199/2-10-199, Steel SAP 12693

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Stanley Knife 199/2-10-199 Yes	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 4: Tools: Stanley Knife 199/2-10-199, Steel SAP 12693

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters

Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 5: Tools: Blade, Stanley, 60 mm, 20 mm SAP11843

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Blade, Stanley, 60 mm, 20 mm mm	60 mm x 20 mm	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 5: Tools: Blade, Stanley, 60 mm, 20 mm SAP 11843

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B**Item 6: Tools: Knife Cable preparation, Insulated SAP 2901****Schedule A: Purchaser's specific requirements****Schedule B: Guarantees and technical particulars of equipment offered***

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Knife Cable preparation, Insulated Yes/No	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 6: Tools: Knife Cable preparation, Insulated SAP 2901

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 7: Putty Knife SAP 12691

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Putty Knife Yes/No	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 7: Putty Knife SAP 12691

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B**Item 8: Bolt Cutter SAP 10553****Schedule A: Purchaser's specific requirements****Schedule B: Guarantees and technical particulars of equipment offered***

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Bolt cutter Yes/No	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 8: Tools: Bolt Cutter SAP 10553

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters

Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B**Item 9: Tools: Knife, Cable 112 mm SAP 12583****Schedule A: Purchaser's specific requirements****Schedule B: Guarantees and technical particulars of equipment offered***

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Knife, Cable 112 mm	112	
3	3.15	Model identification reference	Yes	Required
4	3.1.4	Bear SABS mark	Yes/No	Yes
5	4.1	Type test according to SANS 60745	Yes/No	Yes
6	4.1	Rockwell Hardest test : SANS 6508-1	Yes/No	Yes
7	5	Documentation- Catalogues	Yes/No	Yes
8	6	Training provided	Yes/No	Yes

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 9: Knife, Cable 112 mm SAP 12583
Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 10: Tools: Scoring tool for XLPE cable SAP 2823

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Scoring tool for XLPE cable		
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 10: Tools: Scoring tool for XLPE cable SAP 2823

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 11: Tools: Frame Hacksaw, 300 mm, Steel SAP 12717

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Frame Hacksaw, 300 mm, Steel mm	300	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 1219 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 11: Tools: Frame Hacksaw, 300 mm, Steel SAP 12717

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters

Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 12: Tools: Blade, Hand Hacksaw, 18 TPI, Silicon Steel SAP 10269

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Blade, Hand Hacksaw, 18 TPI, Silicon Steel		
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 1219 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 12: Tools: Blade, Hand Hacksaw, 18 TPI, Silicon Steel SAP 10269

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 13: Tools: Blade, Hand Hacksaw, 24 TPI, Silicon Steel SAP 10270

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Blade, Hand Hacksaw, 24 TPI, Silicon Steel		
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 1219 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 13: Tools: Blade, Hand Hacksaw, 24 TPI, Silicon Steel SAP 10270

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 14: Tools: Blade, Hand Hacksaw, 32 TPI, shutter proof SAP 10271

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Blade, Hand Hacksaw, 32 TPI, Yes/No shutterproof	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 1219 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 14: Tools: Blade, Hand Hacksaw, 32 TPI, shutter proof SAP 10271

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 15: Tools: Blade, Hand Hacksaw, 32 TPI, steel, 150 mm, junior SAP
10272

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Blade, Hand Hacksaw, 32 TPI, steel, Yes/No 150 mm, junior	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 15: Tools: Blade, Hand Hacksaw, 32 TPI, steel, 150 mm, junior SAP
10272

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 16: Tools: Blade Hacksaw: 2.5 per inch, power SAP 10545

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Blade hacksaw:2.5 per inch	Required	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 1219 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

**Item 16: Tools: Blade Hacksaw: 2.5 per inch, power SAP 10545
Deviation schedule**

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 17: Tools: Cutter Cable Hand Operated: CC22, Small SAP 12584

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Cutter cable hand operated, small Yes	Yes	
3	3.15	Model identification reference Yes	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 17: Tools: Cutter Cable Hand Operated: CC22, Small SAP 12584

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 18: Tools: Arbor Hole Saw 20 mm SAP 12587

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Arbor Hole Saw 20 mm	20	
3	3.15	Model identification reference	Yes	Required
4	3.1.4	Bear SABS mark	Yes/No	Yes
5	4.1	Type test according to SANS 60900	Yes/No	Yes
6	4.1	Rockwell Hardest test : SANS 6508-1	Yes/No	Yes
7	5	Documentation- Catalogues	Yes/No	Yes
8	6	Training provided	Yes/No	Yes

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 18: Tools: Arbor Hole Saw 20 mm SAP 12587

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 19: Tools: Arbor Hole Saw 25 mm SAP 12588

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Arbor Hole Saw 25 mm	25	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 19: Tools: Arbor Hole Saw 25 mm SAP 12588

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 1: Tools: DRILL STEEL H SPEED 3.2 mm SAP 12595

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Drill Steel High Speed 3.2 mm	3.2	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 1: Tools: DRILL STEEL H SPEED 3.2 mm SAP 12595

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 2: Tools: Steel, High Speed, 4.8 mm SAP 12596

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Steel, High Speed, 4.8 mm	4.8	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 2: Tools: Steel, High Speed, 4.8 mm SAP 12596

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 3: Drill Concrete, 6 mm SAP 12599

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Drill Concrete, 6 mm	6	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 3: Drill Concrete, 6 mm SAP 12599

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 4: Disk Cutting Mansory 230 mm SAP 12600

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Disk Cutting Mansory 230 mm	230	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 4:Disk Cutting Mansory 230 mm SAP 12600

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 5: Disk Cutting: 230 mm, Steel SAP 12601

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Disk Cutting: 230, Steel mm	230	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 5: Disk Cutting: 230 mm, Steel SAP 12601

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 6: Drill 5 mm Steel High Speed SAP 12604

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Place of manufacture	Required	
3	3.15	Drill 5mm steel high speed Yes	Yes	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 6: Drill 5 mm Steel High Speed SAP 12604

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 7: Drill 6 mm Steel High Speed SAP 12605

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill 5mm Steel High Speed Yes	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 7: Drill 6 mm Steel High Speed SAP 12605

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 8: Drill 6.8 mm Steel High Speed SAP 12606

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Drill 6.8mm Steel High Speed Yes	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 8: Drill 6.8 mm Steel High Speed SAP 12606

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 9: Drill 9.5 mm High Speed Steel SAP 12607

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Drill 9.5mm Steel High Speed Yes	Yes	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 9: Drill 9.5 mm High Speed Steel SAP 12607

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters

Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 10: Disk, Cutting, 115 mm, 2.5 mm, 22 mm SAP 12609

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Disk Cutting, 115mm, 2.5mm, 22mm Yes	Required	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 10: Disk, Cutting, 115 mm, 2.5 mm, 22 mm SAP 12609

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 11: Drill 2.4 mm, Steel, High Speed SAP 12612

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill 2.4mm, Steel high speed mm	2.4	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 11: Drill 2.4 mm, Steel, High Speed SAP 12612

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 12: Drill 4 mm, Steel, High Speed SAP 12613

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	Drill 4mm, Steel, High Speed mm	4	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 12: Drill 4 mm, Steel, High Speed SAP 12613

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B**Item 13: Drill 16 mm, Concrete SAP 12678****Schedule A: Purchaser's specific requirements****Schedule B: Guarantees and technical particulars of equipment offered***

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill 16 mm, Concrete mm	16	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 13: Tools: Drill 16 mm, Concrete SAP 12678

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 14: Drill: 9.5 mm, Masonry SAP 12699

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill 9.5 mm, Masonry mm	9.5	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 14: Drill: 9.5 mm, Masonry SAP 12699

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 15: Drill Steel High speed 5.5 mm SAP 12748

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill Steel H speed 5.5 mm mm	5	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 15: Drill Steel High speed 5.5 mm SAP 12748

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 16: Tools: Drill, 12 mm, Steel, High Speed SAP12755

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill, 12 mm, Steel, High Speed mm	12	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 16: Tools: Drill, 12 mm, Steel, High Speed SAP 12755
Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 17: Tools: Drill 12/18 Volt Cordless Machine SAP 4901

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Drill, 12/18 Volt Cordless Machine mm	12	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 17: Tools: Drill 12/18 Volt Cordless Machine SAP 4901

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters

Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B**Item 18: Tools: Grinder 12/18 Volt Cordless SAP 4902****Schedule A: Purchaser's specific requirements****Schedule B: Guarantees and technical particulars of equipment offered***

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		Grinder, 12/18 Volt Cordless V	12	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

**Item 18: Tools: Grinder 12/18 Volt Cordless SAP Required 4902
Deviation schedule**

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 1: Tools: File Metal, Half RD, Bastard, 150 mm SAP 12621

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		File Metal, Half RD, Bastard, 150 mm	Required	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓ x], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 1: File Metal, Half RD, Bastard, 150 mm SAP 12621

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 2: File Metal, Half Round, Bastard, 100mm SAP 12627

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		File Metal, Half RD, Bastard, 100mm	Required	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 2: File, Hand: Round, Bastard, 100 mm SAP 12627

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 3: Tools: File Hand, Square, Bastard, 200 mm SAP 12632

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2		File Hand, SQ Bastard, 200mm mm	200	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 26:File Hand, Square, Bastard, 200 mm SAP 12632

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 4: File, Hand, Flat, Second Cut, 150 mm SAP 12635

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause of CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	File, Hand, Flat , Second Cut, 150mm mm	150	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 4 : File, Hand, Flat, Second Cut, 150 mm SAP 12635

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B**Item 5: File, Hand, Flat, Second Cut, 200 mm SAP 12636****Schedule A: Purchaser's specific requirements****Schedule B: Guarantees and technical particulars of equipment offered***

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	File, Hand, Flat, Second Cut, 200 mm mm	200	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓✗], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 5:File, Hand, Flat, Second Cut, 200 mm SAP 12636

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 6:File, Hand, Flat, Second Cut, 250 mm SAP 12637

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered*

Item	Sub-clause CP_TSSPEC_223	Description	Schedule A	Schedule B
1	3.1.5	Name of manufacturer	Required	
2	3.15	File, Hand, Flat, Second Cut, 250 mm mm	250	
3	3.15	Model identification reference	Required	
4	3.1.4	Bear SABS mark Yes/No	Yes	
5	4.1	Type test according to SANS 60900 Yes/No	Yes	
6	4.1	Rockwell Hardest test : SANS 6508-1 Yes/No	Yes	
7	5	Documentation- Catalogues Yes/No	Yes	
8	6	Training provided Yes/No	Yes	

NOTE: TICKS [✓], ASTERISK [*], WORD [NOTED], OR TBA [TO BE ADVISED] SHALL NOT BE ACCEPTED.

Tender Number: _____

Tenderer's Authorised Signatory: _____

Name in block letters Signature

Full name of company: _____

TECHNICAL SCHEDULES A AND B

Item 6: File, Hand, Flat, Second Cut, 250 mm SAP 12637

Deviation schedule

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.		
Item	Sub-clause of CP_TSSPEC_223	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____