



PA 32: INVITATION TO BID PART A

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/PUBLIC ENTITY)			
BID NUMBER:	ID 3153773	CLOSING DATE:	29/08/2023
		CLOSING TIME:	11:00
DESCRIPTION	6 MONTHS TERM CONTRACT FOR GENERAL PLUMBING SERVICE: SAPS WINTERVELD BUILDING PRETORIA		
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (DPW04.1 GS or DPW04.2 GS).			
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)			
251 NANA SITA STREET			
CNR NANA SITA & THABO SEHUME STREET			
PRETORIA			
OR POSTED TO:			
PRIVATE BAG X229			
PRETORIA, 0001			
SUPPLIER INFORMATION			
NAME OF BIDDER			
POSTAL ADDRESS			
STREET ADDRESS			
TELEPHONE NUMBER	CODE	NUMBER	
CELLPHONE NUMBER			
FACSIMILE NUMBER	CODE	NUMBER	
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			
	TCS PIN:	OR	CSD No:
SIGNATURE OF BIDDER		DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)			

TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE ('ALL APPLICABLE TAXES)	R
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT/ PUBLIC ENTITY	PUBLIC WORKS & INFRASTRUCTURE	CONTACT PERSON	MR. PH POWER
CONTACT PERSON	MS. M. MANALA	TELEPHONE NUMBER	082 554 9536
TELEPHONE NUMBER	012 492 3020	FACSIMILE NUMBER	N/A
FACSIMILE NUMBER	N/A	E-MAIL ADDRESS	PETRUS.POWER@DPW.GOV.ZA
E-MAIL ADDRESS	MMABORE.MANALA@DPW.GOV.ZA		

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:



- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR ONLINE
- 1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES).
- 1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION.
- 1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO
 - 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? YES NO
 - 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO
 - 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? YES NO
- IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.**

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

Note Well:

- a) In respect of non VAT vendors the bidders may not increase the bid price under Section 67(1) of the Value Added Tax Act of 1991 where the relevant transaction would become subject to VAT by reason of the turnover threshold being exceeded and the bidder becomes liable for VAT.
- b) **All delivery costs must be included in the bid price, for delivery at the prescribed destination.**
- c) The price that appears on this form is the one that will be considered for acceptance as **a firm and final offer.**
- d) The grand total in the pricing schedule(s), inclusive of VAT, attached to the bid offer must correlate and be transferred to this form (PA32).
- e) Where there are inconsistencies between the grand total price offer in the pricing schedule(s) and the PA32 price offer, the price offer on the PA32 shall prevail and deemed to be firm and final. No further correspondence shall be entered into in this regard.

¹ All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies

9.2. SCM enquiries may be addressed to:

SCM Official	Ms. M. Manala	Telephone no:	012 492 3020
Cellular phone no		Fax no:	
E-mail	mmabore.manala@dpw.gov.za		

10. DEPOSIT / RETURN OF QUOTATION DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms – (forms not to be re-typed).

<p>Tender documents may be posted to:</p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X x229 pretoria 0001</p> <p>Attention: Procurement section: Room G03</p>	<p>OR</p>	<p>Deposited in the tender box at:</p> <p>cnr Nana Sita & Thabo Sehume AVN building Pretoria</p>
---	------------------	---

PA-03 (EC): NOTICE AND INVITATION FOR QUOTATION

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES QUOTATIONS FOR:

Project title:	6 MONTHS TERM CONTRACT FOR GENERAL PLUMBING SERVICE: SAPS WINTERVELD BUILDING:PRETORIA
-----------------------	--

Quotation no:	ID 3153773	Reference no:	
Advertising date:	22/08/2023	Closing date:	29/08/2023
Closing time:	11:00	Validity period:	30 Calendar days

1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **1 GB** or higher, or **select tender value range select class of construction works*** or higher.

**Select tender value range and select class of construction works" or select "Not applicable" where only one class of construction works is applicable.*

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **Not applicable Not applicable PE** or higher, or **Not applicable Not applicable PE*** or higher.

**Select tender value range and select class of construction works" or select "Not applicable" where no or only one class of construction works is applicable.*

2. FUNCTIONALITY CRITERIA APPLICABLE YES NO

Note 1: Failure to meet minimum functionality score will result in the tenderer being disqualified.

Functionality criteria ¹ :	Weighting factor:
Total	100 Points

3. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS

¹The points allocated to each functionality criterion should not be generic but should be determined separately for each tender on a case by case basis.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

3.1. For procurement transaction with rand value greater than R2 000, 00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable.

Table 1

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE which is at least 51% owned by black people (Mandatory)	10	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area (Mandatory)	2	<ul style="list-style-type: none"> Official Municipal Rates Statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Any account or statement which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. <p>Or</p> <ul style="list-style-type: none"> Lease Agreement which is in the name of the bidder.
3.	An EME or QSE which is at least 51% owned by black women (Mandatory)	4	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
4.	An EME or QSE which is at least 51% owned by black people with disability (Mandatory)	2	<ul style="list-style-type: none"> SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. <p>and</p> <ul style="list-style-type: none"> Medical Certificate indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> South African Social Security Agency (SASSA) Registration indicating that the disability is permanent. <p>Or</p> <ul style="list-style-type: none"> National Council for Persons with Physical Disability in South Africa registration (NCPDPSA).
5.	An EME or QSE which is at least 51% owned by black youth (Mandatory)	2	<ul style="list-style-type: none"> ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

4. RESPONSIVENESS CRITERIA

4.1. Indicate substantive responsiveness criteria applicable for this tender. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited. Corrections to be crossed out and initialled.
4	<input checked="" type="checkbox"/>	Submission of a signed bid offer as per the DPW-07 (EC).
5	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
6	<input type="checkbox"/>	Bidders must comply with DPW-21 (EC): Record of Addenda to tender documents, if any.
7	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.
8	<input type="checkbox"/>	Submission of DPW-16.1 signed by the authorised official and completion of bid briefing attendance register. insert motivation why the tender clarification meeting is declared compulsory
9	<input type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
10	<input checked="" type="checkbox"/>	Submission of Active CIDB grading of 1 GB or higher
11	<input checked="" type="checkbox"/>	Submission of PA32: Invitation to Bid fully completed and signed (will replace DPW-07)
12	<input checked="" type="checkbox"/>	Submission of certified copy of Plumber/Carpenter trade qualification

4.2. Indicate administrative responsiveness requirements applicable for this tender.

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request will disqualify the tender offer from further consideration.

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure
4	<input checked="" type="checkbox"/>	Submission of PA-16.1 (EC): Ownership Particulars
5	<input type="checkbox"/>	Submission of documentation relating to risk assessment criteria as contained in C 2.1 of T1.2 Tender Data.
6	<input type="checkbox"/>	Data provided by the Service Provider (C1.2.3) completed.
7	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD). Insert the Supplier Registration Number on the form of offer, including proposed sub-contractors if any
8	<input checked="" type="checkbox"/>	All parts of tender documents submitted must be fully completed in ink and signed where required.
9	<input type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.

10	<input type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
11	<input type="checkbox"/>	Specify other responsiveness criteria
12	<input type="checkbox"/>	Specify other responsiveness criteria
13	<input type="checkbox"/>	Specify other responsiveness criteria
14	<input type="checkbox"/>	Specify other responsiveness criteria
15	<input type="checkbox"/>	Specify other responsiveness criteria

4.3. Indicate administrative requirements applicable for specific goals, Tenderers will not be required to submit the below documents if not provided in the original tender proposals, Failure to comply with the criteria stated hereunder shall result in the tenderer not allocated points for specific goals

1	<input checked="" type="checkbox"/>	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
2	<input checked="" type="checkbox"/>	A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Certificate issued by a SANAS accredited service provider

5. THE FOLLOWING EVALUATION METHOD FOR RESPONSIVE BIDS WILL BE APPLICABLE:

<input type="checkbox"/> Method 1 (Financial offer)	<input checked="" type="checkbox"/> Method 2 (Financial and Preference offer)
---	---

5.1. This bid will be evaluated according to the 80/20 Preference points scoring system:

6. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

6.1 Technical risks:

Criterion 1: Experience on comparable projects during the past specify between 5 and 10 years.

The tendering Service Provider's experience on comparable projects during the past specify between 5 and 10 years. The number of current and previous comparable projects performed by the Tenderer as per the

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

Criterion 2: Contractual commitment and quality of performance on comparable projects during the past specify between 5 and 10 years.

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past specify between 5 and 10 years as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

Criterion 3: Suitably qualified and appropriately experienced human resources

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

Criterion 4: Attendance of compulsory bid clarification meeting, if applicable

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

6.2 Commercial risks:

The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.

Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.

7. COLLECTION OF QUOTATION DOCUMENTS

- Quotation documents are available for collection during working hours
- Alternatively; quotation documents may be collected during working hours at the following address **insert physical address**. A non-refundable bid deposit of **R insert amount** payable (cash only) on collection of the bid documents.

8. SITE INSPECTION MEETING

Compulsory briefing session will be held in respect of this quotation.

The particulars for compulsory briefing session or virtual briefing session are:

Venue:	(type in here the place or "N/A")		
Virtual meeting Link:	(type in here the place or "N/A")		
Date:	(type in here the date or "N/A")	Starting time:	(type in here the time or "N/A")

9. ENQUIRIES

9.1. Technical enquiries may be addressed to:

DPWI Project Manager	Mr. PH Power	Telephone no:	
Cellular phone no	082 554 9536	Fax no:	
E-mail	petrus.power@dpw.gov.za		

9.2. SCM enquiries may be addressed to:

SCM Official	Ms. M. Manala	Telephone no:	012 492 3020
Cellular phone no		Fax no:	
E-mail	mmabore.manala@dpw.gov.za		

10. DEPOSIT / RETURN OF QUOTATION DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms – (forms not to be re-typed).

<p>Tender documents may be posted to:</p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X x229 pretoria 0001</p> <p>Attention: Procurement section: Room G03</p>	<p>OR</p>	<p>Deposited in the tender box at:</p> <p>cnr Nana Sita & Thabo Sehume AVN building Pretoria</p>
---	------------------	---



public works

Department:
Public Works
REPUBLIC OF SOUTH AFRICA

Project title	NDPW SAPS WINTERVELD BUILDING: PRETORIA: SIX MONTH CONTRACT FOR GENERAL PLUMBING REPAIRS.		
	Contact Person	Reference No.3153773	ISSUE DATE:
	P.H.POWER	082 554 9536	CLOSING DATE:
			Quotation box: Outside room GO14



public works

Department:
Public Works
REPUBLIC OF SOUTH AFRICA

Project title	6 MONTH TERM CONTRACT FOR GENERAL PLUMBING FOR NDPW : SAPS WINTERVELD BUILDING :PRETORIA		
Reference Number	3153773	Contact Person	P.H.POWER

I / We _____ (surname and name)

Identity number _____ hereby acknowledge

"that should a Departmental Repairs and Maintenance Project for this site commence , **then this Contract stops for this institution within 14 days notice or should a RAMP / FM contract be implemented, then no work whatsoever shall be carried out on this site.** National Department of Public Works will not be liable or obligated financially to the Contractor due to loss of work or remuneration".

Signed at _____ on this _____ day of _____ 20____

Signature

Date

CONTRACTOR STAMP



public works

Department:
Public Works
REPUBLIC OF SOUTH AFRICA

**SIX MONTH TERM CONTRACT FOR
GENERAL PLUMBING SERVICES FOR
NDPW: SAPS WINTERVELD BUILDING,
PRETORIA**

OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

INDEX

1.0.0. INTRODUCTION AND BACKGROUND

1.1.0. Background to the Health and safety Specification

1.2.0 .Purpose of the Health and Safety Specification

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

1.3.0. Implementation of the Health and Safety Specification

2.1.0 OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

2.1. 0. Scope

2.2.0. Interpretation

2.2.1. Applications

2.2.2. Definitions

2.2.3. General Administrative Requirements

2.3.1. Compensation of Occupational injuries and Diseases Act

2.3.2. Health and safety file

2.3.3. Initial hazard identification and Risk assessment

2.3.4. Health and safety training

2.3.5. General record keeping

2.3.6. Emergency procedures

2.3.7. First Aid box and first Aid equipment

2.3.8. Accident / incident reporting and investigation

2.3.9. Personal protection equipment and clothing

2.3.10. Non-conformance and failure to follow health and safety measures

2.4.0. Requirements

2.4.1. Hazardous chemical substances (HCS)

2.4.2. Fire Extinguishers and Fire fighting equipment

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

2.4.3. Scaffolding /working on height

2.4.4. Ladders and ladder work

2.4.5. Portable electrical tools

2.4.6. Asbestos work

2.5.0. Electrical Installations

2.6.0. Sub Stations

2.7.0. Occupational health

2.7.1. Occupational hygiene

2.7.2. Alcohol and other drugs

3.0.0. Annexure A

Task completion

4.0.0. Annexure B

Appointments

5.0.0. Annexure C

Requirements to be reported on

6.0.0. Annexure D

Initial hazard identification and risk assessment as well as control measures

1.0.0. INTRODUCTION AND BACKGROUND

1.1.0. Background to the Health and Safety Specification

The Construction Regulations in the Occupational Health and Safety Act

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

And Regulations (85 of 1993) place the onus on the Client to prepare a health and safety specification for all construction work.

1.2.0. Purpose of the Health and Safety Specification:

To assist in achieving compliance with the Occupational Health and Safety Act and Regulations (85/1993) in order to reduce incidents and injuries. This specification shall act as the basis for the drafting of the construction phase health and safety plan

1.3.0. Implementation of the Health and Safety Specification

This specification forms an integral part of the contract and the Contractor is required to use it at pre-tender phase when drawing up the Year Tender/maintenance/service contract health and safety plan. Where applicable The principal Contractor shall forward a copy of this specification to all Contractors at the bidding stage so they can in turn prepare health and safety plans relating to their operations

2.0.0. OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION.

2.1.0. SCOPE:

The specification covers the requirements for eliminating incidents and injuries as far as reasonably possible for Cape Town: Year Tenders/maintenance/service contractors.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

4

SIGNATURE:

DATE:

The scope also addresses legal compliance, hazard identification and risk assessment, risk control, and promoting a health and safety culture amongst those working on the project. The specification also makes provision for the protection of those persons other than employees.

2.2.0. INTERPRETATIONS

2.2.1. Application

This specification is a compliance document drawn up in terms of South African legislation and is therefore binding. It must be read in conjunction with relevant legislation as set out previously.

2.2.2. Definitions

The definitions as listed in the Occupational Health and Safety Act and Regulations (85/1993) shall apply.

2.3.0. GENERAL ADMINISTRATIVE REQUIREMENTS

2.3.1. Compensation of Occupational Injuries and diseases Act 130 of 1993 (COIDA) (Registration with workmen' Compensation)

The Principal Contractor shall submit a letter of good standing with its Compensation Insurer to the client as proof of registration. This certified proof of registration to be submitted with the tender document. Contractors shall submit proof of registration to the Principal Contractor. **No contractor will commence work on any site unless proof the above is received.**

2.3.2. Health and Safety File

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

The principal Contractor and all Contractors shall have a health and Safety file available at his premises, containing all health related information. The Health and Safety file must be handed to DPW at completion of the project.

2.3.3 Initial Hazard Identification and Risk Assessment

An initial hazard identification and basic risk assessment is attached for perusal by the principal Contractor (Annexure D). These hazards and the consequential risk must be addressed in the Construction-phase health and safety plan to be submitted by the Principal Contractor and by other Contractors. The Principal Contractor must include a comprehensive risk assessment document compiled by a competent person, detailing all potential site-specific risk. Contractors shall do the same for their scope of work.

2.3.4 Health and Safety Training

The Principal Contractor shall ensure that all site personnel undergo a risk-specific health and safety induction training session before starting work. In this case, the induction must include the transportation risk. A record of induction training attendance shall be kept in the health and safety file.

2.3.5 General Record Keeping

The Contractor shall keep and maintain Health and Safety records to demonstrate compliance with the Specification document, the OHS Act and Regulations (85/1993). The Contractor shall ensure that all records of

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

incidents/injuries, training, inspections, audits, etc are kept in a health and safety file available on request.

2.3.6 Emergency Procedures

The Principal Contractor shall acquaint himself with the client's emergency/evacuation procedure and adhere to all such procedures.

All workmen shall be in possession of emergency telephone numbers and be capable/trained to handle injuries, incidents, fire, and major incidents.

2.3.7 First Aid Box and First Aid Equipment

A fully stocked first aid box must be available on each of the maintenance vehicles whenever work is being carried out. The stock shall be risk-specific and have at least the minimum contents as per the legal requirements (General Safety Regulations, OHS Act 85/1993)

2.3.8 Accident / Incident Reporting and Investigation

Injuries are to be categorised into first aid, medical, disabling, fatal. The Principal contractor must stipulate how it will handle each of these categories. When reporting injuries to DPW, these categories shall be used.

All injuries must be investigated by the Principal Contractor, with a report being forwarded to the DPW forthwith.

2.3.9 Personal Protective Equipment (PPE) and Clothing

The Principal Contractor shall ensure that all workers wear PPE. Task-specific PPE shall be identified during the risk assessment. See attached initial hazard

identification and risk assessment (Annexure D) for minimum requirements

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

2.3.10 Non-conformance and failure to follow health and safety measures

Any non-conformance by an employee shall be dealt with by means of an internal disciplinary procedure. All such non-conformance must be documented and reported to the DPW.

2.3.11 Contractor (sub-contractors)

The Principal Contractor shall ensure that all Contractors under its control comply with this Specification document, the OHS Act and Regulations (85/1993) and all other relevant legislation that may relate to the activities directly or indirectly. The Contractor, when appointing other Contractors as sub-contractors, shall *mutatis mutandis* ensure compliance. Contractors are Employers in their own right and must comply with all requirements including but not limited to preparing a site-specific health and safety plan, opening and maintaining a health and safety file, training their workers, appointing competent supervisors, etc.

2.4.0 REQUIREMENTS:

2.4.1 Hazardous Chemical Substances (HCS)

Any hazardous chemical substances not able to be substituted must be safely transported. All workers must be inducted into the hazards, the consequences and control measures required to protect themselves against exposure. A list of these substances must be included in the health and safety file and updated when there are any changes. Material safety data sheets (MSDS) must be included by the supplier, however, it remains the Principal Contractor's responsibility to ensure that these MSDS's are available and in the file. All containers shall be clearly labelled, including dangers, control measures and

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

emergency procedures. No hazardous chemicals substances, empty containers, may be left or disposed of on the Department sites.

2.4.2 Fire Extinguishers and Fire Equipment

The Principal Contractor shall carry at least one 9kg Co2 and one 9kg DCP extinguisher on each service vehicle.

2.4.3 Scaffolding/Working at heights including roof work

Working at heights includes any work that takes place in an elevated position. The Principal Contractor must submit a risk-specific fall protection plan in accordance with the Construction Regulations.

2.4.4 Ladders and Ladder Work

The Principal Contractor shall ensure that all ladders are inspected regularly, are in good safe working order, are the correct height for the task, extend at least 1m above the landing, fastened and secured, and at a safe angle.

2.4.5 Portable Electrical Tools

The Principal Contractor shall ensure that all electrical tools, electrical distribution boards, extension leads, and plugs are kept in safe working order. Regular inspections and toolbox tasks are to be conducted to make workers aware of the dangers and control measures to be implemented, e.g. personal protection equipment.

2.4.6 Asbestos Work

The maintenance of asbestos roof sheeting must be conducted under controlled conditions as specified in the Asbestos Regulations (No.R155, 2002) . A written safe work procedure is drawn up by the Principal Contractor or other asbestos

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

contractors and submitted to an AIA for approval, before any work commences the Department of Labour must be informed and all asbestos work must be carried out by a registered asbestos contractor. The safe work procedure shall include but not be limited to:

- ✓ The provision of safe access while working on roofs, i.e. Duck boards and roof ladders;
- ✓ The provision of suitable PPE and respiratory equipment for all asbestos workers who could be exposed to fibres
- ✓ The control of contaminated water, i.e. suitable filtration method to be used;
- ✓ The prevention of dry cutting, a suitable wet method must be used;
- ✓ The prevention of dry brushing of asbestos products;
- ✓ The safe disposal of asbestos waste including contaminated water;
- ✓ The prevention of high pressure water jetting unless a specialised control system is used;
- ✓ The specification of fungicides and moss killers, including any related chemical hazards.

Acceptance of the safe work procedure will then be issued to the Principal Contractor before asbestos work may proceed. The Principal Contractor shall ensure that asbestos work complies with the Asbestos Regulations and the accepted safe work procedure, which shall include a full risk assessment of the related risks.

Copies of all certificates received by the contractor for safe disposal of asbestos must be handed to the Department.

2.5.0 ELECTRICAL INSTALLATIONS

Only licensed electricians will be permitted to carry out electrical work.

2.6.0 SUB STATIONS

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

Persons such as painters, carpenters etc. that have to carry out work in a sub station shall do so under supervision of an authorised person as required by the notice in regulation 4 (a) of the electrical machinery regulations which states “No unauthorised entry”.

2.7.0 OCCUPATIONAL HEALTH

2.7.1 Occupational Hygiene

Exposure of workers to occupational health hazards and risks are very common in any work environment, especially in construction. Occupational exposure is a major problem and all Contractors are to ensure that health and hygiene measure are put in place to prevent exposure to these hazards and risks. Prevent inhalation, ingestion, absorption, and noise induction. Site-specific health risks are tabled in Annexure D e.g. asbestos, cement dust, wet cement, vibration and noise.

2.7.2 Alcohol and other Drugs

No alcohol and other drugs will be allowed on site unless under controlled conditions under the supervision of the Principal Contractor’s Responsible Person. No person may be under the influence of alcohol or any other drugs while on the construction site. Any person on prescription drugs must inform his/her superior, who shall in return report this to the Principal Contractor forthwith. Any person suffering from any illness / condition that may have a negative effect on his/her safety performance must report this to his/her superior,

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

11

SIGNATURE:

DATE:

who shall in turn report this to the Principal Contractor forthwith. Any person suspected of being under the influence of alcohol or other drugs must be sent home immediately, to report back the next day for a preliminary inquiry. Full disciplinary procedures must be followed.

24 MONTHS TENDER AND MAINTENANCE CONTRACT

ANNEXURE A

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

The Principal Contractor must submit his compliance with annexure A together with his Health & Safety plan

Requirement	OHS Act Requirement	Submission Date
Assignment of Responsible Persons to supervise construction work	OHS Act (SECTION 16.2) & Construction Regulation 6	Before commencement on site
Competence of Responsible Persons	OHS Act (section 16.2) & Construction Regulation 6	Together with H&S plan
Compensation of occupational injuries and diseases proof of registration.	COIDA	Together with H&S plan
Occupational Health and safety Policy	OHS Act	Together with H&S plan
Health and Safety Organogram	Client Requirement	Together with H&S plan
Initial hazard identification and risk assessment	Construction Regulation	Together with H&S plan
Health and Safety representatives	OHS Act	Submit as soon as there are more than 20 employees on site

12 MONTHS TENDER AND MAINTENANCE CONTRACT

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

ANNEXURE B

The Principal Contractor shall make the following appointments according to the Health and Safety Specification: (further appointments could become necessary as the project progresses)

Contractors shall make the relevant appointments as per their operations. The Client reserves the right to insist on any health and safety related appointments as determined by its risk assessments.

APPOINTMENT	OHS REFERENCE	REQUIREMENT
CEO Assignee	Section 16 (2)	A competent person to assume the overall H&S responsibility – Principal Contractor's Responsible Person.
Construction Work supervisor	CR6.1	A competent person to supervise and be responsible for Health and Safety related issues on site
Fall protection plan co-ordinator	CR8	A competent person to prepare and amend to fall protection plan
First Aider	GSR3	A qualified person to address all on site first aid cases
Scaffolding Inspector	SABS 085	A competent person to inspect scaffolding before use and every time after bad weather, etc.
Scaffolding erector	GSR 13D	A competent person to erect scaffolding
Scaffolding supervisor	SABS 085	A competent person to supervise scaffolding
Ladder inspector	GSR 13A	A competent person to inspect ladders daily and ensure they are safe for use, keeping monthly records
Electrical installations competent person	CR 22 (d)	A competent person to control all electrical installations

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

12 MONTHS TENDER AND MAINTENANCE CONTRACT

ANNEXURE C

The Principal Contractor shall comply but not be limited to the following requirements:

Report on these to DPW and place a copy on the Health and Safety file monthly.

WHAT	WHEN	OUTPUT	ACCEPTED BY CLIENT WITH DATE
Health and Safety plan	Before site hand over	Principal Contractor to report on status of Contractor's Health and Safety plans	
Health and Safety file	Open file when construction begins and maintain throughout	Have file on hand at meetings	
Induction training	Every worker before she/he starts work	Attendance register. Signed by everybody who received induction training	
Awareness Training (Tool Box Talks)	Every 2 nd week	Attendance registers	
Health & Safety meetings	Monthly	Meeting minutes	
Health & safety reports	Monthly	Report covering <ul style="list-style-type: none"> ✓ Incidents/accidents and investigations: ✓ Non-conformances by employees & contractors: ✓ Internal & External H&S audit reports 	
Emergency procedures	Weekly evaluation of procedures	Table procedures in writing as well as telephone numbers	
Risk assessment	Updated and signed off at	Documented risk assessment	

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

	least monthly		
Method statements- safe work procedures	Drawn up before workers are exposed to new risks	Documented set of safe work procedures (method statement) updated and signed off	
General inspections	Weekly and daily	OHS Act compliance: Registers <ul style="list-style-type: none"> ✓ Scaffolding; ✓ Temporary electrical installations 	
General inspections	Monthly	<ul style="list-style-type: none"> ✓ Fire fighting equipment ✓ Portable electrical equipment ✓ Ladders 	
Complaint book	Update when necessary	Table any complaints and incidents at meetings	
List of Contractors	List to be updated weekly	Table list, number of workers and company tel. numbers	
Workman`s compensation	Updated monthly	Table a list of Contractor`s workman`s compensation proof of good standing	
Construction site rules & section 37.2 mandatory agreement	Updated monthly	Table a report all signed up mandatories.	

ANNEXURE D

INITIAL HAZARD IDENTIFICATION AND RISK ASSESSMENT AS WELL AS SUGGESTED CONTROL MEASURES PRE-CONSTRUCTION HEALTH & SAFETY SPECIFICATION YEAR TENDERS

HAZARD	RISK	PPE	DOCUMENTATION	OTHER
--------	------	-----	---------------	-------

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

ID	RATING			
1.Site access ways	M	Safe footwear, hard hats	Comply with client's access/security/evaluation procedures	Safe clear access routes
2.Heat stress	H		First aid and medical treatment to be recorded	Portable water to be provided to workers, suitable sun screen to be used to protect skin against sun
3.Ladders	H	Safe footwear, hard hats	Inspection of ladders at least monthly	Correct height, secured, safe angle
4.Scaffolding	H	Safe footwear, hard hats fall prevention devices where applicable	Toolbox talks-those working on scaffolds, safe method of erection drawn up, inspect prior to use and weekly thereafter as well as after bad weather	Competent scaffolder, supervisor & inspector, safe access, safe platforms with guardrails & toe boards, secured, level & plumb
5.Noise	M	Hearing protection	Keep record of issue & return, toolbox talk on use	Enforce with tools emitting noise over 85 Db
6.Dust/Cement	M	Dust masks	Keep record of issue & return. Toolbox talk on use	When wood dust could be inhaled, working with dry cement products
7.Elevated work/roof work	H	Hard hat, adequate footwear, fall prevention devices	Fall protection plan – documented, trained workers	Duck board and roof ladders to be used, safe access to be provided
8.Electrical installation	H	Hard hat and adequate protective clothing and footwear	Copies of C.O.C Certificates and test results to be filed in safety file and original to P.M.	All the above if work is involved in the above situation
9.Excavations	H	Hard hat, safe footwear and protective clothing	Inspections daily and after rains	Use of shoring/bracing and safe exit and entry
10.Hoist/cherry picker	H	All inspections as required by the Act plus the necessary certificates/register s must be in place	Check wind forces, check movement in and around power lines and check free space	

NOTE: The above list is by no means exhaustive and should not be limited to these activities but must cover all activities that forms part of the said construction work. Each activity must be split down to individual task and all associated hazards identified and listed in the assessment. This ensures that the critical task and subsequent critical hazards are not missed.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

NOTES TO BIDDERS
FOR
PREVENTATIVE MAINTENANCE AND REPAIRS FOR PLUMBING
INSTALLATION FOR NDPW: SAPS WINTERVELD BUILDING: PRETORIA
FOR A 6 MONTH PERIOD

A. PROSPECTIVE TENDERERS ARE REMINDED TO ACQUAINT THEMSELVES FULLY WITH THE CONTENTS OF THIS DOCUMENTATION BEFORE COMPLETING ANY DETAILS.

B. THIS DOCUMENT WILL BE REFERRED TO AS A “TENDER” FOR EASY UNDERSTANDING.

C. SITE INSPECTION BY BIDDERS

Please note that notwithstanding the above, bidders should do a complete site inspection prior to submitting their bid to familiarise themselves with the circumstances and conditions pertaining to the service as well as with a view to assess the extent and scope of work.

1. This tender is subject to the conditions of ST 36 (General Conditions and Procedures) and further as stipulated hereunder. Tenderers are required to fully acquaint themselves with the contents thereof. Copies of ST 36 may be obtained from The Government Printer, Private Bag X84, Pretoria, 0001, or the Regional Office of the Department of Public Works, Pretoria.

2. Estimated quantities are given but no guarantee can be given as to the quantities that will be ordered from contractors.

3. PRICES

3.1 Value Added Tax (VAT)

The tender price shall include value added tax (VAT). All rates, provisional sums, etc. in this tender document must be NETT with VAT calculated and added to the total thereof in the summary and thereafter carried to the final cost form

3.2. All prices quoted by the Tenderer for items in this document must make provision for additional costs, if any, that may occur as a result of these clauses and as well as for the supply of all scaffolding and normal plant, electrical testing equipment and instruments, labour and transport costs and everything necessary for the proper performance of the work.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

4. THE TENDER

The Tenderer shall, before submitting his tender, check the pages of this document and if any doubt exists as to the full intent or meaning of any descriptions, or this document contains any obvious errors, the Tenderer shall obtain a directive in writing from the Department before the closing date of the Tender.

The text of this document as prepared by the Department shall be adhered to and no alteration, erasure, omission or addition thereto by the Tenderer will be accepted or recognized.

THIS TENDER MUST BE COMPLETED IN FULL, EACH PAGE MUST BE INITIALED AND THE PRICE SCHEDULE SIGNED. THE COMPLETE DOCUMENT MUST BE HANDED IN WITH THE TENDER.

5. DOCUMENTS

The following documents shall be read in conjunction with this Tender:-

- (I) State Tender Board General Conditions and Procedures (ST 36).
- (ii) The South African Bureau of Standards "Code of Practice", S A B S 0142 [Latest edition].
- (iii) The Occupational Health and Safety Act of 1993. [Act No. 85 of 1993].
- (iv) Municipal By-laws and fire regulations and any special requirements of local Authority.
- (v) The Machinery and Occupational Safety Act No 3 and 6 of 1993, as amended.
- (vi) The Department of Public Works Standard Specification for Plumbing Installation.

The Tenderer shall study these documents and acquaint himself with the contents thereof as no claims in this regard shall be accepted.

5.1 SURETY

No surety is required for this tender.

6. PROVISIONAL QUANTITIES

All quantities are fixed rated for a period of 6 months

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

7. **CONTRACT PERIOD, RENEWAL AND TARIFF ADJUSTMENT**

This tender will be valid from Date of Order Number for **6 months**. [If the order is written out before the 15th of the month, then the contract must start that month. If the order is written out after the 15th of the month, then the contract must start on the 1st of the next month.]

If a RAMP project starts at an Institution and the Plumbing installation is covered in the RAMP, THEN THIS CONTRACT STOPS WITHIN 14 DAYS NOTICE.

National Department of Public Works will not be liable or obligated financially to the Contractor due to loss of work.

8. **CONTRACTORS ABILITY**

Tenderers are to note, that the Plumbing installation to be serviced /maintained/repared under this contract are all of the utmost strategic importance to the department and full proof of the tenderer's ability to satisfactorily perform the specified service will be required. To this end, tenderer's premises will be inspected for plant, equipment and general good management before tenders are awarded.

Tenderers will be required to satisfy the department of their ability to obtain parts without delay for repairs to the Plumbing installation.

Tenderers will satisfy the Department that ;

(a) Their Artisans /technicians are properly qualified to carry out the specified servicing/maintenance/repairs to the equipment contemplated under this contract.

(b) Their technicians doing the services are fully qualified plumbers and have knowledge of all aspects of plumbing and related trades.

(c) Their technicians have knowledge of containing water pressure and balancing of the system.

(d) Their technicians are fully conversant with the working of plumbing equipment as well as protection devices and able to carry out minor repairs on site.

(e) They will use competent trained staff directly employed and supervised by themselves and shall take all necessary steps to maintain the installations and

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

3

SIGNATURE:

DATE:

keep it in perfect working condition for the full period of this Service Maintenance and Repair contract.

NOTE

It will be expected of the successful tenderer to submit all Technicians/Artisans certificates of qualification and apprenticeship contracts for evaluation by this Department. A statement of experience gained and on what type of equipment, shall be submitted for each Technician/Artisan employed. Non compliance of this clause can lead to the disqualification of the tender.

9. SCOPE OF CONTRACT

This contract covers the servicing, maintenance, repairs, testing, adjusting, reporting on and cleaning of the entire Plumbing installation in the Union Buildings: East Wing , Pretoria .

It is a specific condition of the contract that all new work or additions of any nature whatsoever are excluded. The Department of Public Works will have the right however, to enter into new contracts for major Repairs and Renovations, Pilot Projects and New Works in any complex or building covered in the area of this contract, which will then exclude day to day maintenance for the duration of this new contract.

Work undertaken under this tender consists primarily of the servicing/ maintenance of the entire Plumbing installation , including all pumps, and valves and ancillary equipment, all as described in this tender document and the various Checklists as appended. The contractor must supply, at his own cost, all expendable material such as oil, grease, waste, hacksaw blades, welding rods and material for all other forms of welding, insulation tape, cleaning materials and chemicals etc. necessary for the proper execution of maintenance, servicing and repair work. No claims for consumables shall be accepted.

Where repairs are required to specialized items of equipment the Contractor shall arrange for such work to be carried out by specialists approved by the Department. Should the Contractor wish to make use of sub-contractors, he shall apply to the Department for written approval before making use of their services.

No mark-up or handling fees on sub-contractor's invoices shall be accepted.

All minor and incidental repairs such as the replacement of nuts, bolts, washers, self-tapping screws, pop rivets, etc. shall form part of the service. The Contractor shall allow for such repairs, (material and labour cost), in his price.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

4

SIGNATURE:

DATE:

10. UNCERTAINTY ABOUT SCOPE OF WORK

Should the Contractor be uncertain about the Scope of Work to be executed under this Contract, the Department shall immediately be requested in writing to clarify any discrepancies that may exist before the closing date of this Tender. No claims whatsoever in this regard will be entertained after the Contract has been awarded.

11. OFFICIAL ORDER FOR REPAIRS

- (a) Official Order Numbers for services will be issued to the Contractor for the service after execution of the service.
- (b) A separate order number will be issued for repairs (which excludes minor repairs as mentioned in clause 9)
- (c) Instructions for repairs may only be issued to Contractors by officials of this Department. For each repair the complaint number issued for that repair as well as details regarding the defects shall be given to the Contractor in writing. If the Contractor has facsimile facilities, the Order Form shall be faxed to him. It is, however, expected of him to respond to telephonic requests for services. However, he must obtain the official Complaint form for the services requested, as soon as possible.
- (d) No payments shall be made for work executed without the necessary written authority [Order Form].
- (e) Payments can be delayed if order numbers and complaint numbers do not appear on invoices submitted for payment.
- (f) Special arrangements are applicable for emergency services which are stipulated in Clause 13.
- (g) Quotations to be submitted within 14 days of completion of service (failure to do so will result in delays when processing quotations for order no.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

12. EXECUTION OF MAINTENANCE AND REPAIRS

All equipment shall be serviced and maintained as requested by the Department of Public Works, It shall be required from the contractor to do a pre-arranged repair work , the contractor shall submit a detailed job description and cost breakdown for all repair work required to the equipment.

In the event of any scheduled repair work becoming necessary, the contractor shall furnish the regional representative with a detailed cost breakdown, stating the duration required and probable timing of the repairs.

Repairs shall be scheduled in order to coincide with the next monthly or quarterly service wherever possible. Scheduled repairs at any other time than the monthly or quarterly service shall only be allowed where possible failure of the equipment or damage to equipment may occur before the next scheduled service. The contractor shall clearly identify these items on his report together with a recommendation as to when such repairs must be effected.

Note

In the event of a machine having to be removed to a workshop for a major repair, the contractor must provide a equally rated loan set or sets at a cost to be negotiated for the duration of the repairs.

Scheduled repairs shall be carried out promptly and within the stated frame, and should any delay occur, the regional representative shall immediately be advised of the reason for and possible duration of the delay.

On repaired items, an unconditional guarantee of 90 calendar days shall be required and on new items an unconditional 365 calendar days guarantee. In the event of repairs having to be carried out urgently during the cause of a programmed service, details of such repairs shall be reported immediately to the Regional Representative for further instructions and/or authority to proceed.

13. EMERGENCY SERVICES

The successful Contractor shall be required to provide a 24 hour -365 day per year stand-by services so as to attend immediately to any break-downs and/or other emergencies that may occur. The Contractor shall have suitably qualified staff and proper equipped and operating vehicles available at all times.

In the event of an emergency call out, such as a loss of water to a portion of an institution or building, or a total water loss, also attributable to a supply authority failure, the contractor shall respond within 2 (two) hours after such a call out was

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

made. Failure to respond will result in the Contractor being liable for any damages following the non attending to the call-out and / or alternative arrangements being made. This may include the calling of an additional Contractor. The Contractor shall be held responsible for any cost incurring in arranging such action, including the additional Contractors fee.

In instances of overflowing Sewer and Burst pipes ,Contractor to make safe only and provide quotation for remedial work. Should pricing for such repairs be high ,the service /repairs will be referred to SCM for completion on a quotation basis

Services after hours may be executed without receipt of an official complaint number and solely at the request of an official of the Department. The Contractor must, however, ensure that an official of the User Department signs the Job Card. The Contractor must also ensure that he obtains the official complaint number from the Department on the following working day. No payment will be made without a complaint number, duly completed and signed on the job card.

14. CHECK LIST JOB CARDS

The Contractor must follow check list in accordance with the example included herein. The Contractor is requested to state the name / number of the building on the check list job card.

The check list must be completed legibly in ink after completion of each service. In addition to the original completed check list submitted with the account, the contractor must submit a copy of the check list to the User Department for audit purposes and for verification of the deletion of the unused lines. Incomplete and incorrect job cards shall be returned to the contractor with his invoice.

15. TARIFFS (UNIT RATES)

Each item as listed in this Tender Document must be priced. "No cost" or unfair and unreasonable tariff shall not be accepted and may lead to disqualification of the tender.

This is a lump sum contract and therefore tariffs and prices are to be totalled and carried over to the final cost Form

16. NON-SCHEDULED REPAIRS

Non-scheduled repairs emanating from scheduled repairs may be executed only on the instruction of this Department. Under no circumstances whatsoever will Client Departments be allowed to put work in hand requiring non-scheduled items.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

7

SIGNATURE:

DATE:

Contractors shall submit certified copies of suppliers' tax invoices, attached to their accounts in respect of new parts, components and material purchased for any repairs, attached to all accounts where non-scheduled repairs were executed. Descriptions like "1 x motor" or "1 x fan" is not acceptable and shall lead to the delay of payments. The full description that is essential to order such an item from a supplier, i.e. make, model, serial no., size, capacity, etc. shall be listed on the account. The total discount price on non-scheduled materials before adding VAT will be credited to this Department.

The percentage mark up on non-scheduled materials claimed by the Contractor shall be as priced. Mark up will not be allowed on labour, transport cost and scheduled items.

NOTE

SHOULD THE CONTRACTOR'S PRICE FOR MATERIAL/NEW PARTS BE ABNORMALLY HIGH, THE DEPARTMENT RESERVES THE RIGHT TO OBTAIN WRITTEN QUOTATIONS FOR SUCH MATERIAL/NEW PARTS FROM ANOTHER INDEPENDENT SUPPLIER AND ADJUST THE CONTRACTOR'S PRICE ACCORDINGLY. THE DEPARTMENT ALSO RESERVES THE RIGHT TO COMPLETE EXTENSIVE REPAIRS USING THE QUOTATION SYSTEM OF THE DEPARTMENT((whereby other service providers are invited to submit a price) THIS MAY RESULT IN THE SERVICE BEING AWARDED TO THE SUCCESSFUL BIDDER (ie lowest price)

17. PROFIT ON MATERIAL

Percentage mark-up is allowed on non-scheduled material, parts and components only and not on labour, transport and sub-contractor's services. The total discount obtained from the supplier shall be credited to the department. The percentage mark-up shall then be calculated on the total discount price excluding VAT.

18. FRAUDULENT CONDUCT

Fraudulent conduct shall mean any conduct aimed at obtaining an unjust profit (see clause 46 of ST

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

19. ACCOUNTS

Accounts for services rendered, must be accompanied by a Job Card for each separate building or service. The unit rates for items on the Job Card must be cross referenced with the applicable rates for similar items in the Tender Document by means of the page and item numbers e.g. 12/25 (page 12, Item 25).

20. GUARANTEE

The guarantee period for any work executed shall be 3 months. Should the contractor install any replacement equipment which offers a manufacturers guarantee in excess of the 3 months referred to above, he shall be responsible for liaison with the manufacturer/supplier for the repair/replacement thereof [in the event of faulty equipment] at no extra cost to the state.

21. TRANSPORT AND LABOUR COSTS

- (a) Transport costs and travelling time for repairs/servicing as reflected in Schedule 1 shall be included in the tariffs/rates. (Which shall be inclusive of travelling time for artisans, assistants and driver, as well as overheads and profit).
- (b) Transport cost and travelling time on non-scheduled repair work shall be calculated and added separately .
- (c) Labour rates shall be deemed to include for statutory minimum labour rates, contribution to bonus, holiday, pension and medical funds, etc., as well as any profit.

22. PAYMENT

Accounts can be submitted to the Department, upon completion of the service/repair. Payment of accounts complying with all the requirements of clause 19 will be made within 21 days of date of statement.

23. TRAINED STAFF

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

At all times for the duration of the contract, the work shall be carried out under the supervision of a qualified, skilled and competent tradesman and representative of the Contractor.

The standard and quality of workmanship for the servicing/repairs shall be to the best standard practice of the industry and shall be such as not to let the installation deteriorate to an unacceptable condition.

Servicing/repair work and call-outs at all times be done by suitable qualified and trained staff and under no circumstances may untrained workers be left alone on site without proper supervision of trained staff.

It will be the responsibility of the successful Tenderer to ensure that all the entire plumbing installation, maintain the condition required for the full period of this maintenance, service and repairs Contract.

24. MANAGEMENT

The Contractor undertakes to

- (a) Arrange with the member in charge regarding access to the complex in order to execute the required service.
- (b) Take adequate precautions to prevent damage to buildings, fittings computers, and furnishings and other valuable equipment within the complex.
- (c) Accept liability and to indemnify the State against any claims whatsoever arising from his conduct and/or the conduct of his employees.
- (d) Safeguard all his employees in accordance with the regulations of the Unemployment Insurance Act 1966, [Act No. 30 of 1966] and any amendments thereof.
- (e) Comply with all By-laws and requirements of the local authority.
- (f) Comply with the local Fire Officer's regulations.
- (g) Provide a registered Installation Electrician or a Master Installation Electrician and personnel in terms of the appropriate statutory Act to carry out any emergency repair work on a 24-hour basis including weekends and public holidays.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

10

SIGNATURE:
DATE:

25. MATERIAL OF EQUAL QUALITY

Only original spares, as supplied and recommended by the manufacturer/ supplier of the equipment installed on site, shall be used. Under no circumstances shall pirate parts be used or parts modified to effect repairs. Where original spares are no longer available, it shall be brought to the attention of the department, together with a proposal for the replacement or modification of the item to ensure continued serviceability.

The contractor shall supply to the department the suppliers or factory guarantee of repaired or replaced components together with the serial numbers of original and new components which shall be entered on the job card and invoices submitted for payment.

All new parts, components and material used in this contract shall be guaranteed for a period of at least **6 months**.

Replacement parts, spares and materials used must be of equal specification to the component that is being replaced and must where possible carry the S A B S mark of approval. If such equivalent component is not available, then the alternative component must be approved by the Technical representative of the Department of Public Works prior to installation.

26. REDUNDANT MATERIAL (Rubbish and Waste)

All redundant material and parts shall remain the property of the government and shall be left on site and stored by the person in charge of the property against the job card as a receipt. A copy of the job card shall be left with the person in charge for audit purposes. The original job card shall be attached to the invoice. Failure to comply with this requirement shall lead to payments not being effected within the prescribed period of 30 days.

All redundant material or parts shall be labelled with the complaint number for the repair work.

After an inspection of all material and parts that are obsolete/unserviceable/of no value to the regional representative, the contractor shall be notified to remove and dispose of such material and parts during his next service call. The material and parts shall then become the property of the contractor and the removal and disposing thereof shall be for the contractor's amount.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

27. PREVENTATIVE MAINTENANCE SERVICE SCHEDULES

Servicing shall be carried out strictly as stated on the service schedule and the contractor shall after each service submit to the Regional Manager copies of the service schedule duly completed and signed by the Contractor.

The contractor shall make his own arrangements for printing and duplicating of service schedules.

The service schedule shall be countersigned by the officer in charge of the building in which the equipment is situated and shall endorse the schedule to the effect that the equipment in his opinion, is operating satisfactorily.

28. ACCESS CARDS TO SECURITY AREAS

Should the work fall within a security area, the Contractor shall obtain, from the SAPS access cards for his personnel and employees who work within such an area.

The Contractor shall comply with any regulations or instructions issued from time to time, concerning the safety of persons and property, by DPW.

29. SECURITY CHECK ON PERSONNEL

The Department or National State Security, may require the Contractor to have his personnel or a certain number of them security classified.

In the event of either the Department or the Commissioner of Correctional Services requesting the removal of a person or persons from the site for security reasons, the Contractor shall do so forthwith and the Contractor shall thereafter ensure that such person or persons are denied access to the site and/or to any documents or information relating to the work.

30. USER DEPARTMENT SHALL NOT NEGOTIATE.

The contractor and the user department on whose behalf the work is being done are not permitted to enter into negotiations with regard to any matter whatsoever relating to the rates and conditions of the contract.

In the event of any dispute arising out of any matter in connection with the contract, such matters shall be referred by the Department for submission to the State Tender Board, whose decision shall be final. The contractor shall not delay the execution of any work pending such decision.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

31. WORK EXPLICITLY EXCLUDED FROM THIS CONTRACT

The contractor shall under no circumstances undertake work of any nature, related to or in connection with the following, unless specifically instructed to do so by a representative of the Department of Public Works.

- (a) Main supply feeder pipes and/or metering equipment belonging to any local supply authority.

32. DEPARTMENT OF PUBLIC WORKS RESPONSIBILITY.

The Department of Public Works is responsible for the water supply to hired or state owned complexes and/or buildings, irrespective whether the services are supplied from a P.W.D. reticulation network or from the local supply authority. Any dispute or uncertainty with regards to the responsibility of the execution of a service must be referred to this department for clarification.

33. FIXED PRICE CONTRACT

The contract is a fixed priced contract and no adjustments shall be made for any increases or decreases of prices except for VAT rate adjustments.

Note

Any errors in the compilation of the Job Cards or accounts discovered at a later stage, shall be rectified by the Department all in accordance with the regulations of clause 52 [3] of "Conditions and Procedures in Regard to Tender, Contract and Order [ST 36]".

34. CHECK LISTS

The check list for the maintenance to the equipment consists of the quarterly and Major maintenance of Addendum B.(where applicable). On each visit to the site the contractor must attend to all the items listed in the check list.

The work is to be carried out by a competent technician, all in accordance with the Basic Conditions of Employment Act (Act No. 3 of 1983) with Regulations and Occupational Health and Safety (Act 85/1993) and SANS10142

All irregularities and comments must be reported by the Contractor in the spaces provided in the check list, and the originals, signed and dated, must be attached to the accounts. A duplicate copy of the completed check list for each visit must be kept in the generator room and the Contractor must make provision in each generator room for a neat, weatherproof document holder, secured to the wall,

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

13

SIGNATURE:

DATE:

for this purpose. The contractor must allow and arrange for the reproduction of the check lists at his own cost for use at all sites.

The Contractor will be required to strictly adhere to the program submitted by him.

35. TESTING

The plumbing installation shall be tested on a regular in conjunction with Client

CLAIMS

The Contractor will indemnify, protect, defend and hold harmless the Client from and against any and all claims, demands, actions and proceedings whatsoever including all fees, costs and expenses incurred in respect thereof arising out of:

- a) Any claim in respect of any taxes payable by the Contractor.
- b) Any claim for Workmen's Compensation Insurance of for any loss for which the Contractor is liable.
- c) Any claim by any third person including any employees of the Client or of the Contractor for any loss resulting from any bodily injury and or damage to property by any act or omission of the Contractor or any of its employees, servants or agents.
- d) Any claims on the lack of knowledge regarding a site as the Contractor is obliged to visit the site/ sites prior to bidding.

37.CONDITIONS RELATING TO THE PERSONNEL OF THE CONTRACTOR

The prospective bidders are expected to comply with all statutory provisions governing the contract and Electrical/Mechanical/Engineering/Building industry, more particularly the prescribed minimum wage determined by the Department of Labour. The Department reserves the right to terminate the service in the event of the successful bidders' non-compliance with statutory obligations.

The personnel appointed by the contractor should have proof of **prior experience and suitable competence**

The contractor and his/her personnel are prohibited from reading or going through records in offices.

Files and other correspondence on desks, racks, etc., must be placed back in the position in which it was found after cleaning such areas.

The contractor undertakes to keep the number of workers allowed in a building to the essential amount required.

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

14

SIGNATURE:

DATE:

Personal hygiene of the contractor, his personnel, and agents must be maintained at an acceptable standard.

In accordance to the law on control and entry to public areas and vehicles, 1985 (law 5.3 of 1985), employees will be subject to the conditions as set out in Article Z(2) of the mentioned law.

The occupant of an office shall have the right to request employees of the contractor to leave an office if he/she receives a visitor or telephone call.

Employees of the contractor shall not loiter about the building or use the benches or chairs in public areas to relax on. At the end of each workday and no later than the normal closing time, all employees of the contractor must be off the premise(s). No employee would be allowed on the premise(s) after working hours except if they have permission from the responsible officer in charge of the building.

Personnel of the contractor have, subject to other conditions of this contract, entry to all areas to supply a service. If the service is not required in that specific area at the time then entry to the area is prohibited.

Without prejudicing the contractor's right to choose his/her own personnel, the Department reserves the right to, at all times, indicate personnel to the contractor who is a security, health or safety risk. Such persons would not be allowed to be used by the contractor to carry out his duties.

In such a case the contractor will immediately honour the Department's request and shall have no claim of loss or damage against the Department.

The contractor will provide each employee of the contractor with a photo identity card. The card must have the following particulars

- a) Name of Firm (Contractor)
- b) Name of employee
- c) Identity number of Employee
- d) Signature of the Employee
- e) The employee will wear the permit on a visible place when he/she is working in the involved building. The necessary control over these permits must be provided as not to allow such permits to fall into unauthorised hands. The employees or persons in the service of the contractor who are working in or around the building providing the services as stated in this contract must at all times be dressed in a uniform that is to the Departments approval. The contractor shall at all times ensure that all cleaning staff is neatly clothed in uniforms (with the name of the company printed there on) with necessary

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

15

SIGNATURE:
DATE:

personal protective equipment which shall include but not be limited to headgear, shoes, gloves etc.

The contractor or his affiliates may provide no information of state activities to the public.

38. INDEMNITIES

The contractor and his/her affiliates enter the premise(s) at own risk.

The contractor indemnifies the Department of any happenings that he/she is aware of or not aware of his/her personnel that are used for services that fall outside this contract.

The contractor will at own cost take out an insurance policy against any claim, cost, lost or damage resulting from duties and shall ensure that such insurance is valid for the entire period of the contract.

39. EQUIPMENT

The contractor shall not use defective electrical and mechanical equipment, which could affect the Client in its daily operations. Any damage of whatever nature caused by this will be for the contractor account. All leads and extension leads must be of the correct capacity to carry the load of the involved machinery and will be 3 phase and not 2 phase.

The contractor may only use equipment that will normally be used in normal circumstances for purposes named in this agreement. The contractor may under no circumstances tamper with the electrical installations and equipment in a building or make changes to it without the Departments prior consent.

With the exception of connections at existing power points provided by the Department, the contractor may not make connections to the electrical system. Only equipment that does not require above 1250 watts to operate may be used at such power points.

The equipment used by the contractor shall where applicable comply with the law on Machinery and Occupational Safety, 1983 (Law no. 6 of 1983). Under no circumstances shall the equipment used such as vacuum cleaners etc., exceed the sound factor of 66db (Decibels) within one meter of the equipment.

40. NUISANCE

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

The contractor will not be allowed to perform any act or duty on the premise(s), which in the mind of the Department will be of nuisance, danger or possible nuisance or danger to any person on the premise(s) or that could cause damage to the property.

Personnel must behave in a soberly manner.

Silence must be reasonably maintained.

41.CAUTION SIGNBOARDS

The contractor will be compelled to display neat caution signboards or signs, of which the size and design must be clearly visible in areas where the contractor or his employees are busy working. (Such as toilets, passages etc.). The signs must also be clearly visible in areas where the services rendered can cause injuries to any person or persons and must be able to attract a persons attention to show that services are been carried out in the area.

It is hereby specially agreed upon that the Contractor throughout the duration of the contract period, will be compelled to do everything within his/her means and wherever practicable possible to ensure that all signs, print work, notices or any written material that is displayed is in English.

42.INFLAMMABLE AND POISONOUS MATERIAL AND OTHER CHEMICALS

The Contractor shall not use or store any poisonous or highly inflammable substances and other chemicals on the premise(s).

43.SUPERVISION

The contractor must ensure that there is always continued on site supervision from Monday's to Friday's excluding Public Holidays effective supervision. Supervisors must in all respect respond to reasonable requests of the appointed personnel.

44.DRESS CODE

The successful bidder will be required:

- 1) to ensure that a uniform displaying the company logo and name are worn at all times
- 2) Ensure that staff uniform is clean and neat at all times.
- 3) Refrain from wearing political party colours or logos.

5.UNIT RATES / PRICES

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.

SIGNATURE:

DATE:

45a) Unit rates entered into the Schedule of Quantities shall be representative of the actual cost involved in the execution thereof plus a reasonable mark-up and should be valid whether the work associated therewith will be carried out once only or more frequently .The National Department of Public Works shall at liberty make adjustments, before awarding the contract to individual unit rates in these Schedules as necessary to eliminate errors, discrepancies or what is considered to be unreasonable or unbalanced rates and to balance the totals without altering the tender amount

45b) Unit rates for items, must allow for fault finding, the removal of the existing item or part and for the supply and fixing of the new items, inclusive of material, labour, plant, scaffolding cutting, waste, all expendable material such as oil, grease, cleaning material, equipment, profit, attendance, overheads, compliance with the Occupational Health and Safety Act and Construction Regulations and any other costs associated with the successful execution of the required work

45c) Transport costs, inclusive of workers, supervisor/artisan driver, travelling time, fuel and maintenance will be calculated as per proof of the site visitation form for all services carried out as scheduled or non scheduled .

CONTRACTOR ACKNOWLEDGMENT(<i>STAMP AND SIGNATURE</i>)

ACKNOWLEDGEMENT OF THE CONTENTS OF THIS PAGE BY CONTRACTOR.
SIGNATURE:
DATE:

SECTION 2.2 PLUMBING

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I : , :PRETORIA.

Item	Description	Unit	Quantity	Rate	Amount
	REPLACE ABOVE GROUND PIPING				
	Water Piping				
	Replace above ground copper piping including cutting into existing piping, removing existing piping, new piping and all necessary clips, holder bats and accessories (fittings elsewhere)				
1	15mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
2	15mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
3	15mm Diameter pipe fixed in walls	m			
4	15mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
5	22mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
6	22mm Diameter pipe fixed to walls, ceiling, floor, etc.in confined spaces	m			
7	22mm Diameter pipe fixed in walls	m			
8	22mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
9	28mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
10	28mm Diameter pipe fixed to walls, ceiling, floor, etc in confined spaces	m			
11	28mm Diameter pipe fixed in walls	m			
12	28mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I : : PRETORIA.**

Item	Description	Unit	Quantity	Rate	Amount
13	35mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
14	35mm Diameter pipe fixed to walls, ceiling, floor, etc.in confined spaces	m			
15	35mm Diameter pipe fixed in walls	m			
16	35mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
	Replace above ground galvanized mild steel water pipe including cutting into existing piping, removing existing piping, new piping and all necessary clips, holder bats and accessories (fittings elsewhere)				
17	15mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
18	15mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
19	15mm Diameter pipe fixed in walls	m			
20	15mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
21	20mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
22	20mm Diameter pipe fixed to walls, ceiling, floor, etc.in confined spaces	m			
23	20mm Diameter pipe fixed in walls	m			
24	20mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
25	25mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
26	25mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
27	25mm Diameter pipe fixed in walls	m			
Total carried to summary of Section 2.2					

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :: PRETORIA.

Item	Description	Unit	Quantity	Rate	Amount
28	25mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
29	32mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
30	32mm Diameter pipe fixed to walls, ceiling, floor, etc.in confined spaces	m			
31	32mm Diameter pipe fixed in walls	m			
32	32mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
33	40mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
34	40mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
35	40mm Diameter pipe fixed in walls	m			
36	40mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
37	50mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
38	50mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
39	50mm Diameter pipe fixed in walls	m			
40	50mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
41	65mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
42	65mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
43	65mm Diameter pipe fixed in walls	m			
44	65mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
45	80mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
46	80mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
47	80mm Diameter pipe fixed in walls	m			
48	80mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
49	100mm Diameter pipe fixed to walls, ceiling, floor, etc	m			
50	100mm Diameter pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
51	100mm Diameter pipe fixed to roof timbers of trusses in ceiling void	m			
	Replace above ground galvanized mild steel water pipe with class 0 copper piping including cutting into existing piping, removing existing piping, new piping and all necessary clips, holder bats and accessories (fittings elsewhere)				
52	15mm Diameter pipe with 15mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
53	15mm Diameter pipe with 15mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
54	15mm Diameter pipe with 15mm diameter copper pipe fixed in walls	m			
55	15mm Diameter pipe with 15mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
56	20mm Diameter pipe with 22mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
57	20mm Diameter pipe with 22mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
58	20mm Diameter pipe with 22mm diameter copper pipe fixed in walls	m			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENACE .

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

	20mm Diameter pipe with 22mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
60	25mm Diameter pipe with 28mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
61	25mm Diameter pipe with 28mm diameter copper pipe fixed to walls, ceiling, floor, etc. In confined spaces	m			
62	25mm Diameter pipe with 28mm diameter copper pipe fixed in walls	m			
63	25mm Diameter pipe with 28mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
64	32mm Diameter pipe with 35mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
65	32mm Diameter pipe with 35mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
66	32mm Diameter pipe with 35mm diameter copper pipe fixed in walls	m			
67	32mm Diameter pipe with 35mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
68	40mm Diameter pipe with 42mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
69	40mm Diameter pipe with 42mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
70	40mm Diameter pipe with 42mm diameter copper pipe fixed in walls	m			
71	40mm Diameter pipe with 42mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
72	50mm Diameter pipe fixed to walls, ceilings, floors,etc	m			
73	50mm Diameter pipe with 54mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
74	50mm Diameter pipe with 54mm diameter copper pipe fixed in walls	m			
Total carried to summary of Section 2.2					

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE -
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	AMOUNT
75	50mm Diameter pipe with 54mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
76	65mm Diameter pipe with 67mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
77	65mm Diameter pipe with 67mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
78	65mm Diameter pipe with 67mm diameter copper pipe fixed in walls	m			
79	65mm Diameter pipe with 67mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
80	80mm Diameter pipe with 76mm diameter copper pipe fixed to walls, ceiling, floor, etc	m			
81	80mm Diameter pipe with 76mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
82	80mm Diameter pipe with 76mm diameter copper pipe fixed in walls	m			
	80mm Diameter pipe with 76mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
85	100mm Diameter pipe with 108mm diameter copper pipe fixed to walls, ceiling, floor, etc. in confined spaces	m			
86	100mm Diameter pipe with 108mm diameter copper pipe fixed to roof timbers of trusses in ceiling void	m			
	Replace above ground galvanised mild steel water pipe with approved Polycop pipe including cutting into existing piping, removing existing piping, new piping and all necessary clips, holderbats and accessories (fittings elsewhere)				
87	15mm Diameter pipe with 15mm diameter Polycop pipe fixed to walls, ceilings, floors ,etc	m			
88	15mm Diameter pipe with 15mm diameter Polycop pipe fixed to walls, ceilings, floors, etc. In confined spaces	m			
89	15mm Diameter pipe with 15mm diameter Polycop pipe fixed in walls	m			
90	15mm Diameter pipe with 15mm diameter Polycop pipe fixed to roof timbers of trusses in ceiling void	m			
	TOTAL carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
91	20mm Diameter pipe with 22mm diameter Polycop pipe fixed to walls, ceilings, floors,etc	m			
92	20mm Diameter pipe with 22mm diameter Polycop pipe fixed to walls, ceilings, floors,etc in confined spaces	m			
93	20mm Diameter pipe with 22mm diameter Polycop pipe fixed in walls	m			
94	20mm Diameter pipe with 22mm diameter Polycop pipe fixed to roof timbers of trusses in ceiling void	m			
95	25mm Diameter pipe with 28mm diameter Polycop pipe fixed to walls, ceilings, floors,etc	m			
96	25mm Diameter pipe with 28mm diameter Polycop pipe fixed to walls, ceilings, floors,etc in confined spaces	m			
97	25mm Diameter pipe with 28mm diameter Polycop pipe fixed in walls	m			
98	25mm Diameter pipe with 28mm diameter Polycop pipe fixed to roof timbers of trusses in ceiling void	m			
	Extra over copper pipes for capillary type fittings				
99	15mm Fittings	No			
100	22mm Fittings	No			
101	28mm Fittings	No			
102	35mm Copper to iron adaptor	No			
103	35mm End cap	No			
104	35 x 15mm Reducer	No			
105	35 x 22mm Reducer	No			
106	35 x 28mm Reducer	No			
	Total carried to summary of Section 2.1				

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
107	35mm Bend	No			
108	35mm Tee	No			
109	42mm Copper to iron adaptor	No			
110	42mm End cap	No			
111	42 x 15mm Reducer	No			
112	42 x 22mm Reducer	No			
113	42 x 28mm Reducer	No			
114	42 x 35mm Reducer	No			
115	42mm Bend	No			
116	42mm Tee	No			
117	54mm Copper to iron adaptor	No			
118	54mm End cap	No			
119	54 x 15mm Reducer	No			
120	54 x 22mm Reducer	No			
121	54 x 28mm Reducer	No			
122	54 x 35mm Reducer	No			
123	54 x 42mm Reducer	No			
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
124	54mm Bend	No			
125	54mm Tee	No			
126	67mm Copper to iron adaptor	No			
127	67mm End cap	No			
128	67 x 28mm Reducer	No			
129	67 x 35mm Reducer	No			
130	67 x 42mm Reducer	No			
131	67 x 54mm Reducer	No			
132	67mm Bend	No			
133	67mm Tee	No			
134	76mm Copper to iron adaptor	No			
135	76mm End cap	No			
136	76 x 35mm Reducer	No			
137	76 x 42mm Reducer	No			
138	76 x 54mm Reducer	No			
139	76 x 67mm Reducer	No			
140	76mm Bend	No			
Total carried to summary of Section 2.2					

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENACE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
141	76mm Tee	No			
142	108mm Copper to iron adaptor	No			
143	108mm End cap	No			
144	108 x 54mm Reducer	No			
145	108 x 67mm Reducer	No			
146	108 x 76mm Reducer	No			
147	108mm Bend	No			
148	108mm Tee	No			
	Extra over copper pipes for brass compression type fittings				
149	15mm Fittings	No			
150	22mm Fittings	No			
151	28mm Fittings	No			
152	35mm Copper to iron adaptor	No			
153	35mm Bush	No			
154	35mm Bend	No			
155	35mm Tee	No			
156	42mm Copper to iron adaptor	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
157	54mm Copper to iron adaptor	No			
158	67mm Copper to iron adaptor	No			
159	76mm Copper to iron adaptor	No			
160	108mm Copper to iron adaptor	No			
	Extra over galvanised mild steel pipes for fittings				
161	15mm Fittings	No			
162	20mm Fittings	No			
163	25mm Fittings	No			
164	32mm Barrel nipple	No			
165	32mm Plug	No			
166	32mm Bush	No			
167	32mm Bend	No			
168	32mm Tee	No			
169	40mm Barrel nipple	No			
170	40mm Plug	No			
171	40mm Bush	No			
172	40mm Bend	No			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENACE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
173	40mm Tee	No			
174	50mm Barrel nipple	No			
175	50mm Plug	No			
176	50mm Bush	No			
177	50mm Bend	No			
178	50mm Tee	No			
179	65mm Barrel nipple	No			
180	65mm Plug	No			
181	65mm Bush	No			
182	65mm Bend	No			
183	65mm Tee	No			
184	80mm Barrel nipple	No			
185	80mm Plug	No			
186	80mm Bush	No			
187	80mm Bend	No			
188	80mm Tee	No			
189	100mm Barrel nipple	No			
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
190	100mm Plug	No			
191	100mm Bush	No			
192	100mm Bend	No			
193	100mm Tee	No			
	Extra over Polycop pipe for brass compression fittings				
194	15mm Fittings	No			
195	20mm Fittings	No			
196	28mm Fittings	No			
	Water piping fittings				
	Replace sundry galvanised mild steel fittings (excluding fittings replaced with length of pipe)				
197	20mm Barrel nipple	No			
198	25mm Barrel nipple	No			
199	40mm Barrel nipple	No			
200	50mm Barrel nipple	No			
201	80mm Barrel nipple	No			
202	100mm Barrel nipple	No			
203	25mm Plug	No			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
204	50mm Plug	No			
205	65mm Plug	No			
206	80mm Plug	No			
207	100mm Plug	No			
208	20mm Socket	No			
209	25mm Socket	No			
210	50mm Socket	No			
211	65mm Socket	No			
212	80mm Socket	No			
213	100mm Socket	No			
214	20mm Bend	No			
215	25mm Bend	No			
216	50mm Bend	No			
217	65mm Bend	No			
218	80mm Bend	No			
219	100mm Bend	No			
220	20mm Tee	No			
Total carried to summary of Section 2.2					

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	AMOUNT
221	25mm Tee or reducing tee	No			
222	50mm Tee or reducing tee	No			
223	65mm Tee or reducing tee	No			
224	80mm Tee or reducing tee	No			
225	100mm Tee or reducing tee	No			
	DRAIN AND SEWER PIPES				
	Replace galvanised mild steel waste pipe including cutting into existing piping, removing existing piping, new piping and all necessary clips, holderbats and accessories (fittings elsewhere)				
226	50mm Diameter pipe fixed to walls, ceiling, etc				
227	50mm Diameter pipe fixed to walls, ceiling, etc in confined spaces				
228	65mm Diameter pipe fixed to walls, ceiling, etc				
229	65mm Diameter pipe fixed to walls, ceiling, etc in confined spaces				
230	80mm Diameter pipe fixed to walls, ceiling, etc				
231	80mm Diameter pipe fixed to walls, ceiling, etc in confined spaces Replace galvanised mild steel waste pipe with uPVC pipe including cutting into existing piping, removing existing piping, new piping and all necessary clips, holderbats and accessories (fittings elsewhere)				
232	50mm Diameter pipe with 50mm diameter uPVC pipe fixed to walls, ceilings, etc	m			
233	50mm Diameter pipe with 50mm diameter uPVC pipe fixed to walls, ceilings, etc. in confined spaces	m			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	AMOUNT
234	80mm Diameter pipe with 75mm diameter uPVC pipe fixed to walls, ceilings, etc	m			
235	80mm diameter pipe with 75mm diameter uPVC pipe fixed to walls, ceilings, etc. in confined spaces	m			
	Replace uPVC waste pipe including cutting into existing, removing existing damaged piping and replace with new				
236	50mm Diameter pipe	m			
237	110mm Diameter pipe	m			
	Replace cast iron waste pipe including cutting into existing, removing existing piping, new piping and all necessary clips, holderbats and accessories (fittings elsewhere)				
238	100mm Diameter pipe fixed to walls, ceiling, etc	m			
239	100mm Diameter pipe fixed to walls, ceiling, etc in confined spaces	m			
	Replace cast iron pipe with uPVC pipe including cutting into existing piping, removing existing piping, new piping and all necessary clips, holderbats and accessories (fittings elsewhere)				
240	100mm Diameter pipe with 110mm diameter uPVC pipe fixed to walls, ceilings, etc	m			
241	100mm Diameter pipe with 110mm diameter uPVC pipe fixed to walls, ceilings, etc. in confined spaces	m			
	Extra over galvanised mild steel pipes for fittings				
242	50mm Adaptor	No			
243	50mm Bend	No			
244	50mm Access bend	No			
Total carried to summary of Section 2.2					

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
245	50mm Junction	No			
246	50mm Access Junction	No			
247	65mm Adaptor	No			
248	65mm Bend	No			
249	65mm Access bend	No			
250	65mm Junction	No			
251	65mm Access Junction	No			
252	80mm Adaptor	No			
253	80mm Bend	No			
254	80mm Access bend	No			
255	80mm Junction	No			
256	80mm Access Junction	No			
	Extra over uPVC pipes for fittings				
257	50mm Adaptor	No			
258	50mm Bend	No			
259	50mm Access bend	No			
260	50mm Junction	No			
	Total carried to summary of Section 2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	AMOUNT
261	50mm Access Junction	No			
262	50mm Two-way vent valve	No			
263	110mm uPVC to cast iron adaptor	No			
264	110mm Bend	No			
265	110mm Access bend	No			
266	110mm Junction	No			
267	110mm Reducing Junction	No			
268	110mm Access Junction	No			
269	110mm Access Reducing Junction	No			
270	110mm Two-way vent valve	No			
	Extra over cast pipes for fittings				
271	100mm Eccentric reducer	No			
272	100mm End cap	No			
273	100mm Bend	No			
274	100mm Access Bend	No			
275	100mm Junction	No			
276	100mm Access Junction	No			
	Total carried of summary of Section				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	AMOUNT
	Replace sundry drain and sewer pipe fittings inclusive of removal of existing fittings and installation of new fittings				
277	50mm uPVC two-way vent valve	No			
278	110mm uPVC two-way vent valve	No			
279	50mm IE Bend	No			
280	110mm IE Bend	No			
281	50mm IE Junction	No			
282	110mm IE Junction	No			
	PREPARATION WORK				
	Preparation work for access to and remedial work to finishes at completion of repairs				
283	Core drilling through not exceeding 250mm thick reinforced concrete slab for pipe exceeding 50mm and not exceeding 100mm diameter	No			
284	Core drilling through not exceeding 250mm thick reinforced concrete slab for pipe exceeding 100mm & not exceeding 150mm diameter	No			
285	Core drilling through exceeding 250mm and not exceeding 350mm thick reinforced concrete slab for pipe not exceeding 50mm diameter	No			
286	Core drilling through exceeding 250mm and not exceeding 350mm thick reinforced concrete slab for pipe exceeding 50mm and not exceeding 100mm diameter	No			
287	Core drilling through exceeding 250mm and not exceeding 350mm thick reinforced concrete slab for pipe exceeding 100mm and not exceeding 150mm diameter	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
288	Take up and remove vinyl asbestos tiles for access to pipes in floors and reinstate with new to match existing	m			
289	Take up and remove vinyl sheeting for access to pipes in floors and reinstate with new to match existing	m			
290	Hack up and remove ceramic or porcelain floor tiles for access to pipes in floors and reinstate with new to match existing	m			
291	Hack off and remove ceramic wall tiles for access to pipes in walls and reinstate with new to match existing	m			
292	Hack up and remove plaster screed and concrete for access to pipes in floors and reinstate with new to match existing	m			
293	Hack up and remove plaster for access to pipes in walls and reinstate with new to match existing	m			
294	Take up, store temporarily in a safe location and later reinstate small block mosaic timber block flooring	m			
295	Take up, store temporarily in a safe location and later reinstate large block mosaic timber block flooring	m			
	Replace floor and wall finishes				
296	2mm Thick vinyl asbestos tiles to floors in patches to match existing	m ²			
297	2.5mm Thick vinyl asbestos tiles to floors in patches to match existing	m ²			
298	2.5mm Thick vinyl sheeting to floors in patches to match existing	m ²			
299	Neat welded joint between existing and new vinyl sheeting	m			
300	Cut out existing welded joint in vinyl sheeting, prepare and weld new joint in colours to match existing vinyl sheeting	m			
301	25mm Thick cement plaster screed in patches	m ²			
302	One coat cement plaster to concrete or brickwork on walls in patches	m ²			
303	Ceramic floor tiles to match existing in patches	m ²			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
304	Ceramic wall tiles to match existing in patches	m ²			
305	Prepare and apply one undercoat and two coats acrylic PVA paint to skim plastered ceilings to match existing	m ²			
306	Prepare and apply two coats acrylic PVA paint to existing painted plastered walls	m ²			
	REPLACING UNDERGROUND PIPING				
	WATER PIPING				
	Replace underground galvanised mild steel water pipe including cutting into existing piping, removing existing piping, new piping and all necessary accessories, etc (fittings elsewhere)				
307	15mm Diameter pipe	m			N/A
308	20mm Diameter pipe	m			N/A
309	25mm Diameter pipe	m			N/A
310	32mm Diameter pipe	m			N/A
311	40mm Diameter pipe	m			N/A
312	50mm Diameter pipe	m			N/A
313	65mm Diameter pipe	m			N/A
314	80mm Diameter pipe	m			N/A
315	100mm Diameter pipe	m			N/A
316	150mm Diameter pipe	m			N/A
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
	Replace underground galvanized mild steel water pipe with Class 12 HDPE water pipe including cutting into existing piping, removing existing piping, new piping and all necessary accessories, etc (fittings elsewhere)				
317	15mm Diameter pipe	m			
318	20mm Diameter pipe	m			
319	25mm Diameter pipe	m			
320	32mm Diameter pipe	m			
321	40mm Diameter pipe	m			
322	50mm Diameter pipe	m			
323	65mm Diameter pipe	m			
324	80mm Diameter pipe	m			
325	100mm Diameter pipe	m			
326	150mm Diameter pipe	m			
	Replace underground class C high pressure fibre cement water pipe including cutting into existing piping, removing existing damaged piping and fit new piping and all necessary accessories, etc (fittings elsewhere)				
327	100mm Diameter pipe				N/A
328	150mm Diameter pipe				N/A
	Replace underground class C high pressure fibre cement water pipe with class 16HDPE water pipe including cutting into existing piping, removing existing piping, new piping and all necessary accessories, etc (fittings elsewhere)				
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
329	75mm Diameter pipe	m			
330	100mm Diameter pipe	m			
331	150mm Diameter pipe	m			
	Repair burst galvanised mild steel pipes with Johnson quick coupler (or similar approved)				
332	15mm Diameter pipe	m			
333	20mm Diameter pipe	m			
334	25mm Diameter pipe	m			
335	32mm Diameter pipe	m			
336	40mm Diameter pipe	m			
337	50mm Diameter pipe	m			
338	65mm Diameter pipe	m			
339	80mm Diameter pipe	m			
340	100mm Diameter pipe	m			
341	150mm Diameter pipe	m			
	Repair cracked pipe with full circle clamp or short collar for Class C fibre cement water pipe				
342	75mm Diameter pipe	m			
343	100mm Diameter pipe	m			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENACE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
344	150mm Diameter pipe	m			
345	300mm Diameter pipe	No			
	Extra over galvanised mild steel piping for fittings				
346	15mm Fittings	No			
347	20mm Fittings	No			
348	25mm Fittings	No			
349	32mm Barrel nipple	No			
350	32mm Plug	No			
351	32mm Bush	No			
352	32mm Bend	No			
353	32mm Tee	No			
354	40mm Barrel nipple	No			
355	40mm Plug	No			
356	40mm Bush	No			
357	40mm Bend	No			
358	40mm Tee	No			
359	50mm Barrel nipple	No			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
360	50mm Plug	No			
361	50mm Bush	No			
362	50mm Bend	No			
363	50mm Tee	No			
364	65mm Barrel nipple	No			
365	65mm Plug	No			
366	65mm Bush	No			
367	65mm Bend	No			
368	65mm Tee	No			
369	80mm Barrel nipple	No			
370	80mm Plug	No			
371	80mm Bush	No			
372	80mm Bend	No			
373	80mm Tee	No			
374	100mm Barrel nipple	No			
375	100mm Plug	No			
376	100mm Bush	No			
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENACE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount	
377	100mm Bend	No				
378	100mm Tee	No				
379	150mm Plug	No				
380	150mm Bush	No				
381	150mm Bend	No				
382	150mm Tee Extra over class 6 and class 12 HDPE pipe for plasson compression fittings	No				
383	15mm Fittings	No				
384	22mm Fittings	No				
385	28mm Fittings	No				
386	32mm Bend	No				
387	32mm Reducer	No				
388	32mm Tee	No				
389	40mm Bend	No				
390	40mm Reducer	No				
391	40mm Tee	No				
392	50mm Bend	No				
	Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
393	50mm Reducer	No			
394	50mm Tee	No			
395	65mm Bend	No			
396	65mm Reducer	No			
397	65mm Tee	No			
398	80mm Bend	No			
399	80mm Reducer	No			
400	80mm Tee	No			
401	100mm Bend	No			
402	100mm Reducer	No			
403	100mm Tee	No			
404	150mm Bend	No			
405	150mm Reducer	No			
406	150mm Tee	No			
407	300mm Bend	No			
408	300mm Reducer	No			
409	300mm Tee	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
	Extra over fibre cement pipes for cast iron fittings				
410	100mm Triplex coupling	No			N/A
411	100mm Bend	No			N/A
412	100mm Tee	No			N/A
413	100mm Reducer	No			N/A
414	150mm Triplex coupling	No			N/A
415	150mm Bend	No			N/A
416	150mm Tee	No			N/A
417	150mm Reducer	No			N/A
	Sundries				
418	Unreinforced concrete 15MPa/19mm stone thrust blocks to high pressure underground water pipes	No			
	Replace underground water meter with metric reading 300mm above ground level including all pipework, fittings & stopcocks				
419	15mm Diameter	No			
420	50mm Diameter	No			
	Replace clay drain pipes including cutting into existing piping, remove damaged piping, and replace with new piping and all necessary accessories, etc (fittings elsewhere)				
421	100mm Diameter pipe	m			N/A
422	150mm Diameter pipe	m			N/A
	Total carried to summary of Section 2.2				

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
423	200mm Diameter pipe	m			N/A
	Replace clay drain pipes with uPVC pipes including cutting into existing piping, removing damaged piping.				
424	100mm Diameter pipe with 110mm diameter uPVC pipe	m	4		
425	150mm Diameter pipe with 160mm diameter uPVC pipe	m	4		
426	200mm Diameter pipe with 200mm diameter uPVC pipe	m	4		
	Extra over clay pipes for fittings				
427	100mm Bend	m			N/A
428	100mm Access Bend	m			N/A
429	100mm Junction	m			N/A
430	100mm Access junction	m			N/A
431	150mm Straight reducer	m			N/A
432	150mm Bend	m			N/A
433	150mm Access Bend	m			N/A
434	150mm Junction	m			N/A
435	150mm Access junction	m			N/A
436	150mm Access reducing junction	m			N/A
437	200mm Straight reducer	m			N/A
438	200mm Bend	m			N/A
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
439	200mm Access Bend	No			N/A
440	200mm Junction	No			N/A
441	200mm Access junction	No			N/A
442	200mm Access reducing junction	No			N/A
	Extra over uPVC pipes for fittings				
443	110mm uPVC to clay adaptor	No			
444	110mm Straight reducer	No			
445	110mm Bend	No			
446	110mm Access Bend	No			
447	110mm Junction	No			
448	110mm Access junction	No			
449	160mm Access reducing junction	No			
450	160mm uPVC to clay adaptor	No			
451	160mm Straight reducer	No			
452	160mm Bend	No			
453	160mm Access Bend	No			
454	160mm Junction	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
455	160mm Access junction	No			
456	160mm Access reducing junction	No			
457	200mm uPVC to clay adaptor	No			
458	200mm Straight reducer	No			
459	200mm Bend	No			
460	200mm Access Bend	No			
461	200mm Junction	No			
462	200mm Access junction	No			
463	200mm Access reducing junction Replace sundry drain and sewer fittings inclusive of necessary excavation, cutting into existing pipes, removing existing fittings, new fittings, backfilling and making good	No			
464	100mm Gully trap Replace cast iron covers, frames, etc	No			
465	100mm Cleaning eye cover	No			
466	150mm Cleaning eye cover	No			
467	275 x 275mm Cover and frame	No			
468	450 x 600mm Single seal cover	No			
469	450 x 600mm Double seal cover	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	AMOUNT
470	450 x 600mm Single seal frame	No			
471	450 x 600mm Double seal frame	No			
472	450 x 600mm Single seal cover and frame	No			
473	450 x 600mm Double seal cover and frame	No			
474	600 x 600mm Single seal cover	No			
475	600 x 600mm Double seal cover	No			
476	600 x 600mm Single seal frame	No			
477	600 x 600mm Double seal frame	No			
478	600 x 600mm Single seal cover and frame	No			
479	600 x 600mm Double seal cover and frame	No			
480	600 x 600mm Square dished grating	No			
481	600 x 600mm Square dished grating and frame	No			
	SANITARY FITTINGS, TAPS, TRAPS, ETC				
	SANITARY FITTINGS				
	Replace wash hand basins with glazed vitreous china basin including all necessary brackets, waste fittings, chain, vulcanite plug and connectors				
482	White glazed vitreous china wash hand basin including disconnecting and re-use existing bibtaps	No			
483	Colour glazed vitreous china wash hand basin including disconnecting and re-using existing bibtaps	No			
484	Stainless steel wash hand basin 520 x 420mm	No			
485	Set of basin brackets	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
	Replace cisterns for WC's and urinals complete with all accessories, couplings, etc. and leave in perfect working order				
486	Low level white vitreous china cistem	No			
487	Low level coloured vitreous china cistem	No			
488	Close coupled white vitreous china cistem	No			
489	Close coupled coloured vitreous china cistem	No			
490	High level syphonic urinal cistem	No			
491	Low level white vitreous china cistem	No			
	Replace WC pans including disconnecting water supply pipe, pan connector and flush pipe connector and connecting new WC pan to same				
492	White glazed vitreous china WC pan	No			
493	White glazed vitreous china close coupled WC pan	No			
494	Coloured glazed vitreous china close coupled WC pan	No			
	White vitreous china wall hung WC pan with white glazed vitreous china low level WC pan with cistem including altering water supply and sewer connection to suit new suite	No			
	Vitreous china or stainless steel WC pan with stainless WC pan	No			
497	Replace single flap plastic WC seat	No			
498	Replace double flap plastic WC seat	No			
499	Replace double flap plastic WC seat with double flap timber seat	No			
	Total carried to summary of Section 2.2				

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
	Replace urinals, accessories and fittings				
500	1,2m Long stainless steel urinal	No			
	White vitreous china wall urinal 700mm wide with white vitreous	No			
502	Syphonic valve to urinal automatic cistern	No			
	Replace acrylic bath including replacing waste fittings, trap, connectors etc. and make good in all trades				
503	1700mm Bath	No			
504	1800mm Bath	No			
	Replace pressed steel sink cabinet including disconnecting and re-connecting water supply, waste, etc				
505	Pressed steel sink cabinet 1350mm long	No			
506	Pressed steel sink cabinet 1575mm long	No			
507	Pressed steel sink cabinet 1800mm long	No			
508	Pressed steel double bowl sink cabinet 1880 long	No			
	Service sanitary fittings, etc and leave in perfect working condition				
509	Refix low level cistern to wall	No			

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
510	Refix low level cistern flushpipe	No			
511	Refix basin to wall	No			
512	Re-seal pan connector	No			
513	Replace rubber cone or bung to cistern flushpipe	No			
514	Replace replacement kit to cistern	No			
515	Service low level cistern	No			
516	Service high level cistern	No			
517	Service urinal cistern	No			
	TAPS, ETC				
	Replace taps, etc				
518	Vulcanite plug and chain to basin	No			
519	Vulcanite plug and chain to bath	No			
520	Vulcanite plug and chain to sink	No			
521	15mm Supply tube to shower head of bath mixer	No			
522	15mm Chromium plated shower arm	No			
523	Chromium plated shower rose	No			
524	15mm Flexible supply tube	No			
525	15mm Chromium plated angle flow regulating valve	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount	
526	15mm Dripcock	No				
527	15mm Chromium plate stop cock	No				
528	20mm Chromium plate stop cock	No				
529	15mm Chromium plate under tile stop cock	No				
530	20mm Chromium plate under tile stop cock	No				
531	15mm Chromium plated demand bibtap	No				
532	15mm Brass demand bibtap	No				
533	15mm Chromium plated metering pillar tap with non-hold-open feature, flow controller and adjustment cycle time	No				
534	15mm Chromium plated metering bibtap with non-hold-open feature, flow controller and adjustment cycle time	No				
535	15mm Chromium plated basin pillar tap with star-type handle	No				
536	15mm Chromium plated basin pillar tap with aerator and star-type handle	No				
537	20mm Chromium plated basin pillar tap with star-type handle	No				
538	20mm Chromium plated basin pillar tap with aerator and star-type handle	No				
539	15mm Chromium plated bath mixer	No				
540	15mm Chromium plated bath mixer with overhead shower attachment	No				
541	15mm Chromium plated single taphole sink mixer with fixed outlet and star-type handles	No				
542	15mm Chromium plated single taphole sink mixer with swivel outlet and star-type handles	No				
	Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	AMOUNT
543	15mm Chromium plated single taphole sink mixer with swivel swanneck outlet and star-type handles	No			
544	15mm Chromium plated wall type sink mixer with concealed connections, fixed outlet and star-type handles	No			
545	15mm Chromium plated wall type sink mixer with concealed connections, swivel outlet and star-type handles	No			
546	15mm Chromium plated wall type sink mixer with concealed connections, swanneck swivel outlet and star-type handles	No			
547	25mm Ball valve	No			
548	32mm Brass ball valve	No			
549	32mm Ball valve float	No			
550	15mm Brass gate valve	No			
551	20mm Brass gate valve	No			
552	25mm Brass gate valve	No			
553	32mm Brass gate valve	No			
554	40mm Brass gate valve	No			
555	50mm Brass gate valve	No			
556	65mm Brass gate valve	No			
557	80mm Cast iron gate/wheel valve	No			
558	100mm Cast iron gate/wheel valve	No			
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
559	150mm Cast iron gate/wheel valve	No			
560	200mm Cast iron gate/wheel valve	No			
561	250mm Cast iron gate/wheel valve	No			
562	300mm Cast iron gate/wheel valve	No			
563	20mm vacuum breaker	No			
564	20mm Expansion relief valve 400kPa	No			
565	20mm Pressure reducing valve with pressure balanced seat, stainless steel strainer and integral non-return valve	No			
566	Spare kit for above pressure reducing valve	No			
567	Filter assembly ditto	No			
	20mm Pressure reducing valve with pressure balance seat, 'easy-fit' cartridge, double mesh stainless steel strainer and integral non-return valve	No			
569	Cartridge for above pressure reducing valve	No			
	22mm Pressure reducing valve with cartridge ,pressure balance seat, stainless steel strainer and integral non-return valve for connection to copper				
571	Cartridge for above pressure reducing valve(400kPa)	No			
572	80mm Right angle hydrant valve	No			
	Replace flushing valves, flushpipes, assemblies, washers, etc				
573	Main seat washer for standard toilet flushvalve	No			
574	Double cap seal washer for standard toilet flushvalve	No			
	Total carried to summary of Section 2.2				

52

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
575	Washer kit complete for standard toilet flushvalve	No			
576	15mm High pressure float valve with 32mm shank	No			
577	20mm High pressure float valve 32mm shank	No			
	Flush valve with mainbody unit with flanged backnut and capnut, chromium plated float arm with small plastic float, including all rubber washers and handle with complete assemble	No			
579	Piston for junior toilet flushvalve	No			
580	Piston for standard toilet flushvalve	No			
581	Plunger assembly for standard toilet flushvalve	No			
582	Pushbutton assembly for exposed junior toilet flushvalve	No			
583	22mm Diameter x 230mm chromium plated for junior urinal flushvalve	No			
	25,4mm Diameter x 540mm x 140mm chromium plated toilet for junior urinal flushvalve	No			
585	20mm Chromium plated back entry toilet flushvalve with integral vacuum breaker, butterfly valve and wallplate	No			
586	20mm Chromium plated back entry economy model toilet flushvalve with integral vacuum breaker, butterfly valve (without wallplate)	No			
587	20mm Chromium plated back entry concealed model toilet flushvalve with integral vacuum breaker, butterfly valve and pushbutton assembly	No			
588	20mm Chromium plated exposed type urinal flushvalve with integrated ballstop and wallplate	No			
589	32mm Chromium plated front access low pressure concealed toilet flushvalve with integral non-hold-open vacuum breaker and shut-off valves	No			
	Service taps, flushing valves, etc				
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
590	Replace washer to 15mm bibtap or pillartap	No			
591	Replace washer to 20mm bibtap or pillartap	No			
592	Replace basin mixer cartridge	No			
593	Replace jumper to 15mm pillartap or bibtap	No			
594	Replace jumper to 20mm pillartap or bibtap	No			
595	15mm Angle flow regulating valve	No			
596	15mm Bibtap	No			
597	20mm Bibtap	No			
598	15mm Pillartap	No			
599	20mm Pillartap	No			
600	15mm Elbow action pillartap	No			
601	15mm Elbow action basin mixer	No			
602	15mm Lever action basin mixer	No			
603	15mm Lever action sink mixer	No			
604	15mm Twin control sink mixer	No			
605	15mm Chromium plated metering pillartap with flow controller and adjustable cycle time	No			
606	15mm Chromium plated metering bibtap with flow controller and adjustable cycle time	No			
607	Refix loose basin pillartap to basin	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
608	Refix loose basin mixer to basin	No			
609	Refix loose sink pillartap to basin	No			
610	Refix high level cistem flushpipe	No			
611	20/25mm Thermostatic mixing valves	No			
	The following valves must be cleaned and serviced every four months				
612	100mm Gate valve/wheel valve	No			
613	150mm Gate valve/wheel valve	No			
614	200mm Gate valve/wheel valve	No			
615	250mm Gate valve/wheel valve	No			
616	300mm Gate valve/wheel valve	No			
	WASTE FITTINGS, ETC				
	Replace waste fittings, etc				
617	Chromium plated basin waste complete with, plug, chain & stay	No			
618	Chromium plated anti-theft plug with spindle	No			
619	Chromium plated heavy sink waste with long shank complete with backnut & plug	No			
620	Chromium plated bath waste complete with backnut, plug and chain	No			
621	Chromium plated bath overflow with plain tail	No			
	Total carried to summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

Item	Description	Unit	Quantity	Rate	Amount
622	38mm Deep seal shower P-trap	No			
623	38mm Shallow seal bath P-trap with cleaning screw each side	No			
	TRAPS, ETC				
	Replace traps, etc				
624	40mm Butyl rubber P- or S-trap	No			
625	40mm Butyl rubber combination trap	No			
626	40mm Bath trap with overflow	No			
627	40mm Chromium plated bottle trap	No			
628	40mm Brass shower trap	No			
629	40mm Acid resistance P-trap	No			
630	Chromium plated grating to shower trap	No			
631	Chromium plated grating to bowl urinal	No			
632	Brass grating to shower trap	No			
	GEYSERS ETC				
	Replace geyser, etc				
633	Disconnect and drain existing geyser	No			
634	Allowance to connect new piping into existing geyser	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
635	Fit geyser complete	No			
636	Disconnect, drain and move existing geyser	No			
637	Fit masterbox only	No			
638	Fit valve only	No			
639	Replace 100 litre high pressure geyser with valve and overflow	No			
640	Replace 150 litre high pressure geyser with valve and overflow	No			
641	Replace 200 litre high pressure geyser, with valve and overflow	No			
642	Replace thermostat to domestic geyser	No			
643	Replace 1,5 kW geyser element	No			
644	Replace 2 kW geyser element	No			
645	Replace 3 kW geyser element	No			
646	Replace 4 kW geyser element	No			
	SERVICING DRAINS AND SEWERS				
	Clean and clear existing pipes, etc and leave in perfect order				
647	Clean & clear blocked wash hand basin, bath, shower or urinal with approved drain cleaner	No			
648	Clean and clear bottle trap	No			
649	Clean and clear butyl rubber P or S-trap	No			
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
650	Clean and clear blocked wash hand basin, bath, shower or urinal	No			
651	Clean and clear blocked WC pan	No			
652	Clean and clear blocked grease trap and strainer	No			
653	Clean blocked gully	No			
654	Clean blocked waste pipes	No			
655	Clean blocked 150mm diameter stormwater pipe	m			
656	Clean blocked 300mm diameter stormwater pipe	m			
657	Clean blocked 450mm diameter stormwater pipe	m			
658	Clean blocked 525mm diameter stormwater pipe	m			
659	Clean blocked 600mm diameter stormwater pipe	m			
660	Clean blocked 675mm diameter stormwater pipe	m			
661	Clean blocked 1050mm diameter stormwater pipe	m			
662	Clear out blockage in sewer system on houses	No			
663	Clear out blockage in sewer system other than houses	No			
664	Clear out blockage in sewer with a distance of not exceeding 50m between inspection chamber/rodding eyes	M			
	Clear out blockage in sewer with a distance of exceeding 50m and not exceeding 100m between inspection chamber/rodding eyes	m			
666	Clear out blockage in sewer with a distance of exceeding 100m and not exceeding 150m between inspection chamber/rodding	No			
Total carried to summary of Section 2.2					

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
668	Clear out blockage in sewer with a distance of exceeding 100m and not exceeding 150m between inspection chamber/rodding eyes	No			
669	Clear out blockage in sewer with a distance of exceeding 150m and not exceeding 200m between inspection chamber/rodding eyes	No			
670	Clear out blockage in sewer with a distance of exceeding 200m between inspection chamber/rodding eyes	No			
671	Clear out blockage in sewer stack in concealed high rise building	No			
672	Clear out blockage in sewer system on house with a high pressure cleaning system	No			
	Clear out blockage in sewer system other than houses with a high pressure cleaning system				
674	Clear out blockage in sewer system with a distance of not exceeding 50m between inspection chamber/rodding eyes with a high pressure cleaning system				
675	Clear out blockage in sewer with a distance of exceeding 50m and not exceeding 100m between inspection chamber/rodding eyes with a high pressure cleaning system				
676	Clear out blockage in sewer with a distance of exceeding 100m and not exceeding 150m between inspection chamber/rodding eyes with a high pressure cleaning system				
677	Clear out blockage in sewer with a distance of exceeding 150m and not exceeding 200m between inspection chamber/rodding eyes with a high pressure cleaning system				
	Pump sewerage into tank lorry with a capacity of 5000 liters & transfer into another authorized drain				
681	Pump water from lift shafts				
682	Clear blocked outlet to bottom of lift shaft				
	Total carried to summary of Section 2.2				

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :**

Item	Description	Unit	Quantity	Rate	Amount
683	Locate and identify blockage in sewer with camera in lengths not exceeding 50m between inspection chamber/rodding eyes				
	Supply and fit inspection eyes and manholes				
684	Supply and fit inspection eye	No			
685	Supply and fit rodding eye	No			
686	Supply and fit I.E junction	No			
	Supply and fit gully				
687	Supply and fit gully 110mm	No			
	Build manholes and drains				
688	Supply and build manhole complete	No			
689	Cut into the existing drains	m			
	Repairs to septic tanks and French drains and Toilet Pan				
690	Emptying of septic tank (per 5000l)	m ³			
691	Pour dissolving bio-chemical into fat/grease traps/tanks to dissolve sludge	l			
692	Unblock outlets to French drain	No			
693	Repair and cleaning of French drain	No			
694	Replace french drain	m			
695	Replace Septic Tank (5000 l)	no			
696	Emptying of Grease/fat Trap (5000 litre per load)	no			
697	Toilet connection complete 110mm	No			
	Total carried to Summary of Section 2.2				

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .

6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENANCE FOR NDPW&I :

SUMMARY

Page No	AMOUNT
Total carried forward from page 15	
Total carried forward from page 16	
Total carried forward from page 17	
Total carried forward from page 18	
Total carried forward from page 19	
Total carried forward from page 20	
Total carried forward from page 21	
Total carried forward from page 22	
Total carried forward from page 23	
Total carried forward from page 24	
Total carried forward from page 25	
Total carried forward from page 26	
Total carried forward from page 27	
Total carried forward from page 28	
Total carried forward from page 29	
Total carried forward from page 30	
Total carried forward from page 31	
Total carried forward from page 32	
Total carried forward from page 33	
Total carried forward from page 34	
Total carried forward from page 35	
Total carried forward from page 36	
Total carried forward from page 37	
Total carried forward from page 38	
Total carried forward from page 39	
Total carried forward from page 40	
Total carried forward from page 41	
Total carried forward from page 42	

Total carried forward from page	43	
Total carried forward from page	44	
Total carried forward from page	45	
Total carried forward from page	46	
Total carried forward from page	47	
Total carried forward from page	48	
Total carried forward from page	49	
Total carried forward from page	50	
Total carried forward from page	51	
Total carried forward from page	52	
Total carried forward from page	53	
Total carried forward from page	54	
Total carried forward from page	55	
Total carried forward from page	56	
Total carried forward from page	57	
Total carried forward from page	58	
Total carried forward from page	59	
Total carried forward from page	60	
CARRIED TO FINAL SUMMARY		

SECTION 3

**APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENANCE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :**

NON-SCHEDULED RATES FOR LABOUR AND MATERIAL

				R	c
	The rates for labour will be deemed to be an all-inclusive rate (i.e. inclusive of statutory minimum labour rates, bonuses, pension fund contributions, medical fund contributions, UIF etc)				
Normal working hours					
1	Skilled artisan (Technician)	Hour			
2	General worker	Hour			
Overtime, Sunday and Public Holidays					
4	Skilled artisan (Technician)	Hour			
6	General worker	Hour			
Non- scheduled materials (must be market related and suppliers will be subjected to verification)					
7	Transport cost	Km			
TOTAL FOR SECTION 3 CARRIED TO FINAL SUMMARY					

APPOINTMENT OF A CONTRACTOR FOR PLUMBING MAINTENACE .
6 MONTHS TERM CONTRACT FOR PLUMBING MAINTENACE FOR NDPW&I :PRETORIA

FINAL SUMMARY

SECTION	AMOUNT
1 -Building	
2Plumbing	
3 Rates for Unscheduled Work	
Sub-Total	
Value Added Tax @14%	
Total Carried to Form of Offer and Acceptance Form	

**See Notes to Contractor*

VAT REGISTRATION NO.-----

NOTE : This document must be completed in full, each page to be initialed.
The last page signed and the document returned.
Documents returned after Closing Date and Time will not be accepted