
PORT OF NGQURA:

SPECIFICATION FOR VEGETATION CONTROL
CONTRACT FOR A PERIOD OF THIRTY-SIX
(36) MONTHS

PRE- QUALIFICATION: TENDERERS ARE REQUIRED TO SUBMIT PROOF OF REGISTRATION IN TERMS OF FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK REMEDIES (ACT NO. 36 OF 1947), FOR KEY PROJECT TEAM MEMBERS FOR UTILIZATION OF PESTICIDES TO CLEAR WEEDS ON PAVED AREAS.

1. INVITATION TO SUBMIT A QUOTATION

- 1.1. Tenderers are hereby invited to tender on the vegetation control contract for a period of thirty- six (36) months at TNPA Port of Ngqura, Gqeberha, South Africa.

2. PURPOSE / OBJECTIVE

The objective of this maintenance contract is to maintain the areas that are covered with vegetation at TNPA Port of Ngqura. The maintenance of these areas will take the form of grass cutting; eradication of weed; removal of thick vegetation; and maintenance of garden areas as explained in **Section 4** of this document. The purpose of this contract is to ensure that the areas that are covered with vegetation exude an aesthetically appealing appearance and eliminate the presence of harmful reptiles which might inhabit the areas covered with vegetation.

3. BACKGROUND

TNPA Port of Ngqura has a vast number of areas which have vegetation that require maintenance. This vegetation comprises of grass that grows along road verges and some open grass areas; thick vegetation; weed that grows on paved surfaces; and weed that grows on existing established garden areas. The growth of such vegetation tends to make the port areas aesthetically unpleasant and environmentally hazardous if such vegetation is not well maintained. The need to execute vegetation control at TNPA Port of Ngqura therefore becomes a necessary maintenance activity.

4. SCOPE OF WORKS AND GENERIC CONDITIONS OF CONTRACT

4.1. SCOPE OF WORKS

4.1.1. The scope of works (vegetation control) comprises:

- a) Grass cutting,
- b) Clearing and/or pruning of thick vegetation,
- c) Weed eradication on hard surfaces (i.e., paved surfaces and roads). **NB: Use of chemical, pesticide certification is required as pre-qualification.**
- d) Maintenance of gardens areas,
- e) Rehabilitation of gardens (where required).

In areas identified by TNPA Port of Ngqura for the purpose of vegetation control and aesthetics of the port.

- 4.1.2. "Vegetation control" herein thereafter refers to grass cutting, clearing of thick vegetation, weed eradication on paved surfaces, maintenance of gardens (or landscaping), rehabilitation of gardens.

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- 4.1.3. Thick vegetation shall comprise of vegetation other than grass, for example, bushes, shrubs, and trees including any thick vegetation which may be required to be cleared, pruned or trimmed as identified in terms of this Specification.
- 4.1.4. Maintenance of gardens shall comprise of:
- a) Removal of weed or unwanted vegetation,
 - b) Trimming or pruning of plants,
 - c) Irrigation of garden areas.
 - d) Beautifying trees, shrubs and related vegetation to enhance the aesthetics of the vegetation. To achieve the aesthetic or pleasant sight of the garden areas.
- 4.1.5. Irrigation of garden areas:
- a) As per the issued Municipal Water Restrictions Notice No. 4, the Contractor shall not use Municipal water for irrigation purposes and TNPA Port of Ngqura will not supply water for irrigation purposes.
 - b) The Contractor shall provide water for irrigation purposes including facilities and means to transport water to site and execute irrigation services to the required location (garden areas).
- 4.1.6. The areas to be vegetation controlled are depicted on drawing number:
- NH71Q0701-00100,
NH71Q0702-00100,
NH71Q0702-00200,
NH71Q0703-001-00
NH71Q0703-00200, and
NH73Q0700-001-00** Attached to this Specification.
- The graphical image on the drawings serves to provide a clear picture of the areas to be worked. The numerical information on the drawings must be disregarded.
- 4.1.7. The areas to be maintained will be measured and determined before the execution of each intervention. A site inspection between the Contractor and the Project Manager shall be arranged to confirm the areas to be maintained.
- 4.1.8. All cleared vegetation and waste accumulated from vegetation clearing shall be disposed to the appropriate and approved waste disposal site.
- 4.1.9. The Contractor shall furnish TNPA Port of Ngqura with a copy of site disposal certificate after disposal of waste.

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TAILED OF SCOPE OF WORKS

4.1.10. GRASS CUTTING: It has been assumed that grass cutting will be carried out, preferably, monthly. It should be noted that this period is not fixed and is subject to changes in weather conditions, taking note of dry seasons (e.g., winter) where grass cutting might be carried out less frequently and most frequently during wet seasons (e.g., summer).

4.1.11. The table below shows the actual location and areas to be grass cut for each specific request or visit:

GRASS CUTTING		
Item No.	Location	Actual Areas (m ²)
1.	Neptune Road	13 937
2.	Neptune Road - Substation	87
3.	Haul Road	2 305
4.	Klub Road (<i>including substations along the road</i>)	13 474
5.	Sand Bypass Main Pump Station	1 043
6.	Joorst Park Administration Building	5 016
7.	TNPA eMendi Administration Building	7 517
8.	Brenton House	9 634
9.	Port Control	1 416
10.	Walkthrough and around 4 High Masts	300
11.	Around 13 High Masts	520
12.	Substation at Entrance Plaza	55
13.	Air Quality Monitoring Station	17
14.	Front Approach Channel Light	62
15.	Rear Approach Channel Light	59
16.	Sewer Pump - Entrance Plaza	84
17.	Tank farm Road	9 519
18.	ACB building	20

4.1.12. CLEARING AND/OR PRUNING OF THICK VEGETATION: It has been assumed that clearing and/or pruning of thick vegetation will be carried out at most, twice per year. It should be noted that this period is not fixed and is subject to changes in weather conditions were clearing and/or pruning might be required less frequently in dry seasons (e.g., winter) and most frequently in wet seasons (e.g., summer).

The table below shows the actual location, scope and areas to be cleared and/or pruned for each specific request or visit:

CLEARING AND/OR PRUNING OF THICK VEGETATION			
Item No.	Location	Scope	Areas
			(m ²)
1.	Front Approach Channel Light	Clearing 1m width from the fence for the entire perimeter of the fence	98
2.	Rear Approach Channel Light	Clearing 1m width from the fence for the entire perimeter of the fence	94
3.	Front Leading Channel Light	Clearing 1m width from the fence for the entire perimeter of the fence.	65
4.	Rear Leading Channel Light	Clearing 1m width from the fence for the entire perimeter of the fence	66
5.	Substation at Entrance Plaza	Clearing 1m width from the fence for the surrounding area	55
6.	Air Quality Monitoring Station	Clearing 1m width from the fence for the entire perimeter of the fence)	17
7.	Joorst Park Administration Building	Clearing 1m width from the fence for 325m length	325
8.	Security Patrol Road	Clearing 0.5m width from the road verge for 888m length	444
9.	Lime Kiln	Removal of weed, grass including any thick vegetation around the Lime Kiln.	85
10.	MPT Fence	Clearing around the MPT fence	55

4.1.13. WEED ERADICATION: It has been assumed that weed eradication will be carried out at most, monthly, i.e., simultaneously with Grass Cutting. It should be noted that this period is not fixed and is subject to changes in weather conditions, taking note of dry seasons (e.g., winter) where weed removal might be carried out less frequently and most frequently in wet seasons (e.g., summer).

It has been assumed that 5% of the paved area will need to be weeded out.

The table below shows the expectation of areal quantities for weed eradication over the period of the contract:

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WEED ERADICATION			
Item No.	Location	Actual Areas	5% of Actual Areas
		(m ²)	(m ²)
1	Neptune Road	20 000	1000
2	Haul Road	7 550	378
3	Klub Road	37 550	1 878
4	Sand Bypass Main Pump Station	850	43
5	Joorst Park Administration Building	1 100	55
6	TNPA eMendi Administration Building	6 500	325
7	TNPA eMendi Administration Building - Substation	429	22
8	Brenton House	1 650	83
9	Port Control	300	15
10	Rail Area	6 450	323
11	Western Breakwater Wall	860	43
12	ACB	6 500	325
13	Front Leading Channel Light	320	16
14	Rear Leading Channel Light	320	16
15	Tankfarm Road	69 011	6 901
16	Multi-Purpose Terminal	57 320	5 732
17	ACB Building	15	2.25

- 4.1.14. MAINTENANCE OF GARDEN AREAS (EXCLUDING IRRIGATION): It has been assumed that the maintenance of garden areas will be carried out, preferably, monthly, i.e., simultaneously with Grass Cutting (excluding irrigation of garden areas). It should be noted that this period is not fixed and is subject to changes in weather conditions.

The table below shows the actual areas and location to be maintained:

GARDEN AREAS - MAINTENANCE (excluding irrigation)		
		Actual Areas
		m ²
1	Admin Building	6 356
2	Entrance Plaza	136

- 4.1.15. IRRIGATION OF GARDEN AREAS: It has been assumed that the irrigation of garden areas will be carried out at least twice per month. It should be noted that this period is not fixed and is subject to changes in weather conditions and the state of the garden areas.

The table below shows the actual areas and location to be irrigated:

IRRIGATION OF GARDEN AREAS		
		Actual Areas
		m ²
1	Admin Building and Entrance Plaza	6 492

4.1.16. REHABILITATION OF GARDENS:

The rehabilitation of gardens shall be executed to the following areas as per **clause 4.1.6** of this Specification:

REHABILITATION OF GARDENS (where required)		
		Actual Areas
		m ²
1	Admin Building	6 356

4.1.17. Dumping garden waste to the approved waste disposal site as per **clause 4.1.10 and 4.1.11.**

4.2. DURATION

4.2.1. The duration of this contract is 36 months. This duration is subject to the contract value available for the contract. The duration may therefore be less or equal to 36 months.

4.2.2. The duration of this contract commences after the purchase order has been issued to the Contractor and Safety File approved.

4.3. CONTRACT MANAGEMENT

4.3.1. The Contractor will mobilize the equipment and his/her services to the designated site(s) and make such equipment and services available to TNPA Port of Ngqura as and when a request is made.

4.3.2. The Contractors' services shall be made available at the designated site(s) within 48 hours (as a minimum) or at the later time that has been mutually agreed between the TNPA Project Manager and the Contractor, after such request has been made.

4.3.3. The TNPA Project Manager shall instruct the Contractor of each, and every intervention required, highlighting the scope of works required to be executed.

4.3.4. No work without the approval of the TNPA Project Manager will be allowed.

4.3.5. The TNPA Project Manager may call contractual meetings with the Contractor from time to time to discuss project progress and SHE matters.

4.3.6. The Contractor will undertake the work as specified in this Specification.

4.3.7. All quantities measured in the Bill of Quantities are estimates and may vary during the course of the project. Additional areas may be introduced; some existing areas may be re-measured to include or exclude particular areas during the contract.

- 4.3.8. All other conditions of contract shall be as per the TNPA Procurement Department's contract documentation and procurement policies.

4.4. COMPLETION & TERMINATION OF CONTRACT

- 4.4.1. This contract will be considered complete when the contract value has been fully spent or when the contract period has been reached or expired, whichever comes first.
- 4.4.2. Either party may terminate this contract by providing the other with 1 (one) months' notice (or as determined by the TNPA Procurement Department).
- 4.4.3. Despite anything in the contract to the contrary, TNPA Port of Ngqura may, by providing a written notice to the Contractor, terminate the contract immediately if the Contractor:
- a) Suffering an insolvency event; or
 - b) Refuse to comply with any reasonable instruction or direction of the TNPA Port of Ngqura representative; or
 - c) Is in breach of this contract and has failed to rectify the breach following a written request to do so by TNPA representative.

5. PORT OF NGQURA SHE REQUIREMENTS

- 5.1. The successful Bidder shall submit a Compliance (SHE) File for approval by the TNPA Port of Ngqura SHE Department after the award of tender.
- 5.2. The successful Bidder shall prepare a Compliance (SHE) File in accordance with the table noted on **Clause 7.3** of this Specification.

5.3. CONTRACTOR'S COMPLIANCE FILE ASSESSMENT CHECKLIST

Date of inspection/ Evaluation: _____

Client	
Employer (Principal contractor)	
Registered name of the enterprise	
Trade name of the Enterprise	
Company Registration No	
SARS registration No(PAYE)	
UIF registration No	
COIDA registration no	
Relevant SETA for EEA purpose	
Industry sector	
Bargaining Council	
Contact person & position	
Contact number	
Site Address	
Postal Address	
Chief Executive Officer	
Chief Executive officer's email and contact number	
Construction Manager	
Health and Safety Representative	
Activities/ Service rendered	
Commencement date	
Completion date	
Site Phone	
Total number of employees on site:	
Female	
Male	

People with disabilities	
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CONTRACTOR	Complying	Not Complying (i.e. Comments)	Not Applicable
1. Site Specific Organogram of reporting structure. This document must provide all persons appointed in terms of OHS Act No. 85 of 1993 including contact details. (rev, date, approval)			
2. Contractor scope of work information (Company Profile)			
3. Notification of Construction Work to the Department of Labour: Document to display required information as per OHS Act No.85 of 1993 –Construction Regulations Annexure A, Must carry the stamp of acceptance from the Department of Labour <i>(if applicable)</i> 4. Application for a permit to do construction work <i>(if applicable)</i>			
5. Valid Letter of Good Standing with FEM/WCA: And proof of relevant insurances to carry out work.			
MANAGEMENT PLANS			
6. Copy of reference documents: Health & Safety, Security, Quality, Environmental, and other applicable Specifications Including a signed register of communication to Managers, Supervisors & Safety Officers			
7. Approved Contractor Execution Plan correlating with Specification provided by Transnet (i.e. Approved health and safety plan, environmental plan, security plan etc.)			
8. Contractors Health and Safety Policy			
9. Site Specific Emergency Plan			
10. Contractors Traffic Management Plan (if applicable)			
11. Procedure for handling Hazardous Chemical Substance's and Applicable Safety Data Sheet <i>(if applicable)</i> .			
APPOINTMENTS			
12. Fully completed appointments of the following (depends on the scope of work) but not limited to:			

• Sec. 16(2) – Delegated Authority (Assistant to the CEO)			
• CR 8(1) – Construction Manager			
• CR 8(7) – Construction Supervisor			
• CR 8(8) – Assistant Construction Supervisor			
• CR 8(5) – Construction Safety Officer			
• CR 9(1) – Risk assessment			
• CR 10. (1)(a) –Fall Prevention Planner (<i>if applicable</i>)			
• CR 10.(2)(b) (fall risk) Physical & Psychological fitness			
• CR 23.(d)(k) – Vehicle operator and Inspector			
• GSR 3.4 – First aider			
• CR 29 (h) – Fire Fighter			
• Sec 24, GAR 9(2) – Incident Investigator			
• CR 13(1)(a) –Excavation Supervisor			
• CR 28(a) –Stacking and Storage Supervisor			
• CR 12(1) – Temporary works designer			
• CR 14(1) – Demolition work supervisor			
• CR 16(1) – Scaffolding work supervisor			
• CR 17 (1) –Suspended platform work supervisor			
• CR 18(1)(a) – Rope access supervisor			
• CR 19(8)(a) – Material host Inspector			
• CR 20(1) – Bulk mixing plant supervisor			
• CR 21(2) –Explosive actuated fastening devices inspector			
• Sec 17(1) – SHE Rep (more than 20 employees)			
• GSR 13(a) – Ladder Inspector			

An abbreviated CV of the above appointed persons shall be attached to the appointment. Competency certificates will also be attached as required in specifications			
13. Elevated work training (Rescue/ Safety harnesses) – accredited Training <i>(If applicable)</i>			
14. Fall Protection Plan by competent person / Rescue Plan <i>(If applicable)</i>			
15. Contract/Project Specific Risk Assessment indicating the full scope of work and risk profile –High risk task inventory registers to be attached.			
16. Risk Assessment (HIRA), Method Statement, Safe Work Procedure to be generated for each specific task to be performed on the contract/project i.e. Site establishment, confined spaces, working at heights, working near water, excavations etc. Note: before establishment they can supply what they will start with –site establishment, fencing, clear & grub...so only request what is relevant at the time.			
17. PPE Policy and most recent issue register.			
INDUCTION			
18. Induction application forms completed for every employee of the contractor performing work on site; The following shall be attached:			
Employee Dossier with applicable documentation;			
Proof of site specific induction;			
Copy of ID Document;			
Legal Letter of Appointment;			
Proof of competence i.e.: Artisans, drivers, operators etc.;			
Valid medical certificate of fitness done by an Occupational Health Practitioner (i.e. Annexure 3 for construction work)			
REGISTERS			
19. Copy of equipment registers to be used with copy of each item's inspection checklist. The registers are not limited to the following, depends on the scope of work:			
Site visitors register			

• Excavation Inspection Register			
• Hand tools Inspection register			
• Barricading Inspection Register			
• Traffic Inspection Register			
• Mobile Toilet Inspection Register			
• Daily Risk Assessment and Toolbox Talk			
• PPE Inspection Register			
• First Aid kit Inspection Register			
• Fire Fighting Equipment Register			
• Portable electrical Equipment Register			
• Pneumatic Tool Register			
• Compressor Checklist			
• Ladder Inspection Register			
• Vehicle Inspection Register			
• Working at Height Equipment Register			
INCIDENT/ACCIDENT MANAGEMENT			
20. Incident /Accident Management Procedure including reporting, recording and investigation of incidents and accidents			
21. Register of first aid injuries			
22. Register of reportable injuries to the Provincial Director			
OTHERS			
23. Section 37(2) mandatory agreement between client - contractor and contractor - sub contractor. As well as:			
• CR 5.1(k) Principal Contractor appointment			
• CR 7(1)(c)(v) Sub Contractor appointment			
24. Training Matrix (Management, Supervisors and Employees)			
25. Copy of the OHS act and its Regulations , COID Act Regulations			
COVID 19			

26. Appointment Letter: COVID-19 Compliance officer			
27. Approved COVID 19 - Risk Assessment			
28. Approved COVID -19 Workplace Plan: Preventing and Managing COVID 19 infection in the Workplace			
29. Copy of OHS Directive: COVID-19 OCCUPATIONAL HEALTH AND SAFETY MEASURES IN WORKPLACES			

YEAR 1

6. BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
	This BoQ shall be read in conjunction with this Specification Document and the RFQ clauses						
1.	SHE FILE						
	SHE File submission as per Section 7 of this Specification.	Sum	1	N/A	N/A	N/A	
2.	VEGETATION CONTROL: (Rates shall include the cost of dumping of vegetation as per clause 4.1.10 and 4.1.11)						
2.1.	GRASS CUTTING: (Ref. Clause						
2.1.1	Neptune Road	m ²	13 937			36 Months	
2.1.2	Neptune Road - Substation	m ²	87			36 Months	
2.1.3	Haul Road	m ²	2 305			36 Months	
2.1.4	Klub Road (including substations along the road)	m ²	13 474			36 Months	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.1.5.	Sand Bypass Main Pump Station	m ²	1 043			36 months	
2.1.6.	Joorst Park Administration Building	m ²	5 016			36 months	
2.1.7.	TNPA eMendi Administration Building	m ²	7 517			36 months	
2.1.8.	Brenton House	m ²	9 634			36 months	
2.1.9.	Port Control	m ²	1 416			36 months	
2.1.10.	Walkthrough and around 4 High Masts	m ²	300			36 months	
2.1.11.	Around 13 High Masts	m ²	520			36 months	
2.1.12.	Substation at Entrance Plaza	m ²	55			36 months	
2.1.13.	Air Quality Monitoring Station	m ²	17			36 months	
2.1.14.	Front Approach Channel Light	m ²	62			36 months	
2.1.15.	Rear Approach Channel Light	m ²	59			36 months	
2.1.16.	Sewer Pump - Entrance Plaza	m ²	84			36 months	
2.1.17.	Tank farm Road	m ²	9 519			36 months	
2.2.	CLEARING AND/OR PRUNING THICK VEGETATION (Ref. Clause 4.1.13.)						
2.2.1.	Front Approach Channel Light	m ²	98			6 visits	
2.2.2.	Rear Approach Channel Light	m ²	94			6 visits	

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.2.3	Front Leading Channel Light	m ²	65			6 visits	
2.2.4	Rear Leading Channel Light	m ²	66			6 visits	
2.2.5	Substation at Entrance Plaza	m ²	55			6 visits	
2.2.6	Air Quality Monitoring Station	m ²	17			6 visits	
2.2.7	Joorst Park Administration Building	m ²	325			6 visits	
2.2.8	Security Patrol Road	m ²	444			6 visits	
2.2.9	Lime Kiln	m ²	85			6 visits	
2.2.10	MPT Fence	m ²	55			6 visits	
2.3	WEED ERADICATION: (Ref.clause 4.4.14)						
2.3.1	Neptune Road	m ²	1000			36 Months	
2.3.2	Haul Road	m ²	378			36 Months	
2.3.3	Klub Road	m ²	1878			36 Months	
2.3.4	Sand Bypass Main Pump Station	m ²	43			36 Months	
2.3.5	Joorst Park Administration Building	m ²	55			36 Months	
2.3.6	TNPA eMendi Administration Building	m ²	325			36 Months	
2.3.7	Admin Building - Substation	m ²	22			36 Months	
2.3.8	Brenton House	m ²	83			36 Months	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.3.9.	Port Control	m ²	15			36 months	
2.3.10.	Rail area	m ²	323			36 months	
2.3.11.	Western Breakwater Wall	m ²	43			36 months	
2.3.12.	ACB	m ²	325			36 months	
2.3.14	Front Leading Channel Light	m ²	16			36 months	
2.3.15.	Rear Leading Channel Light	m ²	16			36 months	
2.3.16.	Tank farm road	m ²	6 901			36 months	
2.3.17.	Multi-Purpose Terminal	m ²	5 732			36 months	
2.4.	MAINTENANCE OF GARDEN AREAS (excluding irrigation – Ref. Clause 4.1.15)						
2.4.1.	Admin building	m ²	6 356			36 months	
2.4.2.	Entrance Plaza	m ²	136			36 months	
2.5.	IRRIGATION OF GARDEN AREAS (Ref.Clause 4.1.16)						
2.5.1.	Admin building and Entrance Plaza	m ²	6 492			36 visits	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.6.	REHABILITATION OF GARDENS (were required – Ref. Clause 4.1.17)						
2.6.1.	Admin building	m ²	6 356			Once-off	
2.7.	APPLY SNAKE REPELLENT (Ref. Clause 2.1.18)						
2.7.1.	All port buildings (i.e. 8 buildings)	Sum	1			36 months	
3.	Sub-total						
4.	Add 15% VAT						
5.	TOTAL						

YEAR 2
BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
	This BoQ shall be read in conjunction with this Specification Document and the RFQ clauses						
1.	SHE FILE						
	SHE File submission as per Section 7 of this Specification.	Sum	1	N/A	N/A	N/A	
2.	VEGETATION CONTROL: (Rates shall include the cost of dumping of vegetation as per clause 4.1.10 and 4.1.11)						
2.1.	GRASS CUTTING: (Ref. Clause						
2.1.1	Neptune Road	m ²	13 937			36 Months	
2.1.2	Neptune Road - Substation	m ²	87			36 Months	
2.1.3	Haul Road	m ²	2 305			36 Months	
2.1.4	Klub Road (including substations along the road)	m ²	13 474			36 Months	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.1.5.	Sand Bypass Main Pump Station	m ²	1 043			36 months	
2.1.6.	Joorst Park Administration Building	m ²	5 016			36 months	
2.1.7.	TNPA eMendi Administration Building	m ²	7 517			36 months	
2.1.8.	Brenton House	m ²	9 634			36 months	
2.1.9.	Port Control	m ²	1 416			36 months	
2.1.10.	Walkthrough and around 4 High Masts	m ²	300			36 months	
2.1.11.	Around 13 High Masts	m ²	520			36 months	
2.1.12.	Substation at Entrance Plaza	m ²	55			36 months	
2.1.13.	Air Quality Monitoring Station	m ²	17			36 months	
2.1.14.	Front Approach Channel Light	m ²	62			36 months	
2.1.15.	Rear Approach Channel Light	m ²	59			36 months	
2.1.16.	Sewer Pump - Entrance Plaza	m ²	84			36 months	
2.1.17.	Tank farm Road	m ²	9 519			36 months	
2.2.	CLEARING AND/OR PRUNING THICK VEGETATION (Ref. Clause 4.1.13.)						
2.2.1.	Front Approach Channel Light	m ²	98			6 visits	
2.2.2.	Rear Approach Channel Light	m ²	94			6 visits	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.2.3	Front Leading Channel Light	m ²	65			6 visits	
2.2.4	Rear Leading Channel Light	m ²	66			6 visits	
2.2.5	Substation at Entrance Plaza	m ²	55			6 visits	
2.2.6	Air Quality Monitoring Station	m ²	17			6 visits	
2.2.7	Joorst Park Administration Building	m ²	325			6 visits	
2.2.8	Security Patrol Road	m ²	444			6 visits	
2.2.9	Lime Kiln	m ²	85			6 visits	
2.2.10	MPT Fence	m ²	55			6 visits	
2.3	WEED ERADICATION: (Ref.clause 4.4.14)						
2.3.1	Neptune Road	m ²	1000			36 Months	
2.3.2	Haul Road	m ²	378			36 Months	
2.3.3	Klub Road	m ²	1878			36 Months	
2.3.4	Sand Bypass Main Pump Station	m ²	43			36 Months	
2.3.5	Joorst Park Administration Building	m ²	55			36 Months	
2.3.6	TNPA eMendi Administration Building	m ²	325			36 Months	
2.3.7	Admin Building - Substation	m ²	22			36 Months	
2.3.8	Brenton House	m ²	83			36 Months	

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.3.9.	Port Control	m ²	15			36 months	
2.3.10.	Rail area	m ²	323			36 months	
2.3.11.	Western Breakwater Wall	m ²	43			36 months	
2.3.12.	ACB	m ²	325			36 months	
2.3.14	Front Leading Channel Light	m ²	16			36 months	
2.3.15.	Rear Leading Channel Light	m ²	16			36 months	
2.3.16.	Tank farm road	m ²	6 901			36 months	
2.3.17.	Multi-Purpose Terminal	m ²	5 732			36 months	
2.4.	MAINTENANCE OF GARDEN AREAS (excluding irrigation – Ref. Clause 4.1.15)						
2.4.1.	Admin building	m ²	6 356			36 months	
2.4.2.	Entrance Plaza	m ²	136			36 months	
2.5.	IRRIGATION OF GARDEN AREAS (Ref.Clause 4.1.16)						
2.5.1.	Admin building and Entrance Plaza	m ²	6 492			36 visits	

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.6.	REHABILITATION OF GARDENS (were required – Ref. Clause 4.1.17)						
2.6.1.	Admin building	m ²	6 356			Once-off	
2.7.	APPLY SNAKE REPELLENT (Ref. Clause 2.1.18)						
2.7.1.	All port buildings (i.e. 8 buildings)	Sum	1			36 months	
3.	Sub-total						
4.	Add 15% VAT						
5.	TOTAL						

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YEAR 3
BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
	This BoQ shall be read in conjunction with this Specification Document and the RFQ clauses						
1.	SHE FILE						
	SHE File submission as per Section 7 of this Specification.	Sum	1	N/A	N/A	N/A	
2.	VEGETATION CONTROL: (Rates shall include the cost of dumping of vegetation as per clause 4.1.10 and 4.1.11)						
2.1.	GRASS CUTTING: (Ref. Clause						
2.1.1	Neptune Road	m ²	13 937			36 Months	
2.1.2	Neptune Road - Substation	m ²	87			36 Months	
2.1.3	Haul Road	m ²	2 305			36 Months	
2.1.4	Klub Road (including substations along the road)	m ²	13 474			36 Months	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.1.5.	Sand Bypass Main Pump Station	m ²	1 043			36 months	
2.1.6.	Joorst Park Administration Building	m ²	5 016			36 months	
2.1.7.	TNPA eMendi Administration Building	m ²	7 517			36 months	
2.1.8.	Brenton House	m ²	9 634			36 months	
2.1.9.	Port Control	m ²	1 416			36 months	
2.1.10.	Walkthrough and around 4 High Masts	m ²	300			36 months	
2.1.11.	Around 13 High Masts	m ²	520			36 months	
2.1.12.	Substation at Entrance Plaza	m ²	55			36 months	
2.1.13.	Air Quality Monitoring Station	m ²	17			36 months	
2.1.14.	Front Approach Channel Light	m ²	62			36 months	
2.1.15.	Rear Approach Channel Light	m ²	59			36 months	
2.1.16.	Sewer Pump - Entrance Plaza	m ²	84			36 months	
2.1.17.	Tank farm Road	m ²	9 519			36 months	
2.2.	CLEARING AND/OR PRUNING THICK VEGETATION (Ref. Clause 4.1.13.)						
2.2.1.	Front Approach Channel Light	m ²	98			6 visits	
2.2.2.	Rear Approach Channel Light	m ²	94			6 visits	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.2.3	Front Leading Channel Light	m ²	65			6 visits	
2.2.4	Rear Leading Channel Light	m ²	66			6 visits	
2.2.5	Substation at Entrance Plaza	m ²	55			6 visits	
2.2.6	Air Quality Monitoring Station	m ²	17			6 visits	
2.2.7	Joorst Park Administration Building	m ²	325			6 visits	
2.2.8	Security Patrol Road	m ²	444			6 visits	
2.2.9	Lime Kiln	m ²	85			6 visits	
2.2.10	MPT Fence	m ²	55			6 visits	
2.3	WEED ERADICATION: (Ref. clause 4.4.14)						
2.3.1	Neptune Road	m ²	1000			36 Months	
2.3.2	Haul Road	m ²	378			36 Months	
2.3.3	Klub Road	m ²	1878			36 Months	
2.3.4	Sand Bypass Main Pump Station	m ²	43			36 Months	
2.3.5	Joorst Park Administration Building	m ²	55			36 Months	
2.3.6	TNPA eMendi Administration Building	m ²	325			36 Months	
2.3.7	Admin Building - Substation	m ²	22			36 Months	
2.3.8	Brenton House	m ²	83			36 Months	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
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2.3.14	Front Leading Channel Light	m ²	16			36 months	
2.3.15.	Rear Leading Channel Light	m ²	16			36 months	
2.3.16.	Tank farm road	m ²	6 901			36 months	
2.3.17.	Multi-Purpose Terminal	m ²	5 732			36 months	
2.4.	MAINTENANCE OF GARDEN AREAS (excluding irrigation – Ref. Clause 4.1.15)						
2.4.1.	Admin building	m ²	6 356			36 months	
2.4.2.	Entrance Plaza	m ²	136			36 months	
2.5.	IRRIGATION OF GARDEN AREAS (Ref.Clause 4.1.16)						
2.5.1.	Admin building and Entrance Plaza	m ²	6 492			36 visits	



ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	TOTAL (R)	FREQUENCY	PROJECT TOTAL (R)
2.6.	REHABILITATION OF GARDENS (were required – Ref. Clause 4.1.17)						
2.6.1.	Admin building	m ²	6 356			Once-off	
2.7.	APPLY SNAKE REPELLENT (Ref. Clause 2.1.18)						
2.7.1.	All port buildings (i.e. 8 buildings)	Sum	1			36 months	
3.	Sub-total						
4.	Add 15% VAT						
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