

REQUEST FOR TENDER – APPOINTMENT OF CONTRACTOR FOR THE CONSTRUCTION OF A PROTECTIVE BARRIER WALL WITH GATES & BARBED WIRE BETWEEN PRETORIA STATION (LEFT SIDE OF THE RAILWAY) & WOLMERTON (LEFT) ALONG MABOPANE CORRIDOR REFERRED TO WORK PACKAGE 7.



TENDER NUMBER: HO/PT/ENG/(PW)/231/03/2023

FORM-C

FORM C: TENDER FORM

CURRENT TENDER DETAILS

Request number: **TENDER NUMBER: HO/PT/ENG/(PW)/231/03/2023**

Request for Tender: **REQUEST FOR TENDER – APPOINTMENT OF CONTRACTOR FOR THE CONSTRUCTION OF A PROTECTIVE BARRIER WALL WITH GATES & BARBED WIRE BETWEEN PRETORIA STATION (LEFT SIDE OF THE RAILWAY) & WOLMERTON (LEFT) ALONG MABOPANE CORRIDOR REFERRED TO WORK PACKAGE 7.**

I / We _____

(Insert Name of Tendering Entity)

of _____

(Full address)

Conducting business under the style or title of:

Represented by:

in my capacity as:

being duly authorised thereto by a Resolution of the Board of Directors / Certificate of Partners, Members or Participants, as the case may be, dated _____, a certified copy of which is annexed hereto, hereby offer to undertake and complete the above-mentioned work (hereinafter called “the WORKS”) at the prices quoted in the bills of quantities / schedule of quantities or, where these do not form part of the contract, at a lump sum, in accordance with the terms set forth in the accompanying letter(s) reference _____ and dated _____ (if any)

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and the documents listed in the accompanying schedule of tender documents for the sum of R

_____ (amount in words),

(All applicable taxes included)

N.B. (i) In the event of any discrepancy, the amount in words will take precedence over the amount in figures.

(ii) Where items in the priced bills of quantities submitted with the tender for the WORKS other than architectural building work are incorrectly extended arithmetically, the unit rate will be treated as decisive.

(iii) In tenders for architectural building work the total amount will be treated as decisive. If amounts for individual items cannot be reconciled with the total amount, the amounts for individual items shall be adjusted to the satisfaction of the PRASA to conform to the total amount.

I / We accept that unless the PRASA should otherwise decide and so inform me / us in the notice of acceptance, this tender (and, if any, its covering letter and any subsequent exchange of correspondence together with the PRASA acceptance thereof) shall constitute a binding contract between the PRASA and me / us. Should the PRASA decide that a formal contract should be signed and so inform me / us in the notice of acceptance, this tender (and, if any, its covering letter and any subsequent exchange of correspondence) together with the PRASA notice of acceptance, shall constitute a binding contract between the PRASA and me / us until the formal contract is signed.

I / We undertake to produce acceptable documentary proof of the necessary coverage for Workmen's Compensation, Securities and Insurance within **30 (thirty)** working days of notification of awarding of the contract, and to sign a formal contract if called upon by the PRASA to do so within **7 (seven)** working days of notification by the PRASA that the contract documents are ready for signature, failing which I / we accept that the PRASA may, in its sole discretion, withhold any payments due for work done until such time as these formalities have been completed.

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I / We undertake to complete the whole of the WORKS within _____ (in words) from the date of notification to me / us of acceptance of the tender, subject to completion in stages if and as laid down in the project specification and to such extensions of time as may be granted. Failing completion of the WORKS or any stage of the WORKS within the period(s) stipulated or by such extended date(s) as may be allowed by the PRASA I / we shall pay to the PRASA in terms of the Conventional Penalties Act 15 of 1962, the penalty for which provision is made in the project specification. The ordering of any alterations, extras, additions, or omissions shall not in any way prejudice the PRASA claim for such penalty.

Application for relief from the obligation to pay a penalty will be considered by the PRASA but shall be granted only if I / we can prove to the reasonable satisfaction of the PRASA that the penalty is out of proportion to the prejudice suffered by the PRASA by reason of the act or omission in respect of which the penalty was stipulated.

I / We declare that this tender holds good until _____

(a minimum period of 90 days from closing date is required).

I / We further agree that if, after I / we have been notified of the acceptance of my / our tender, I / we fail to enter into a formal contract if called upon to do so, or fail to furnish satisfactory security for the due and proper completion of the WORKS, the PRASA may, without prejudice to any other legal remedy which it may have, recover from me / us any expense to which it may have been put in calling for tenders afresh and / or having to accept any less favourable tender.

I/ We declare that being a company / partnership / close corporation / joint venture, I / we have duly completed the annexe hereto and certified it as correct.

The several documents involved are to be taken as complementary to each other. In the event of any conflict between the content of any of the documents listed in the schedule of tender documents (other than the project specification) and the project specification, the latter shall prevail. In the event of any conflict between the letter that accompanies the tender or other relevant correspondence and the contents of the documents listed in the schedule of tender documents (including the project specification) such letter or correspondence shall prevail.

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THUS, DONE and SIGNED at _____

on this _____ day of _____

DULY AUTHORISED SIGNATORY(IES)

WITNESSES

1. _____	1. _____
2. _____	2. _____
3. _____	3. _____

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SBD 5 THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

This document must be signed and submitted together with your bid.

INTRODUCTION

THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

The National Industrial Participation (NIP) Programme, which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

Bidders are therefore required to complete SBD 5 to give effect to the above. **Bidders who do not complete this form will be automatically disqualified.**

1 PILLARS OF THE PROGRAMME

1.1 The NIP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US\$ 10 million or other currency equivalent to US\$ 10 million will have a NIP obligation. This threshold of US\$ 10 million can be reached as follows:

(a) Any single contract with imported content exceeding US\$10 million.

or

(b) Multiple contracts for the same goods, works or services each with imported content exceeding US\$3 million awarded to one seller over a 2-year period which in total exceeds US\$10 million.

or

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(c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US\$10 million.

or

(d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US\$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US\$10 million.

1.2 The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30 % of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIP obligation on a *pro-rata* basis.

1.3 To satisfy the NIP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.

1.4 A period of seven years has been identified as the time frame within which to discharge the obligation.

2 REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

2.1 In order to ensure effective implementation of the programme, successful bidders (contractors) are required to, immediately after the award of a contract that is in excess of **USD10 million** (ten million dollars), submit details of such a contract to the DTI for reporting purposes.

2.2 The purpose for reporting details of contracts in excess of the amount of USD10 million (ten million Dollars) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1.(b) to 1.1. (d) above.

3 BID SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF BIDDERS AND SUCCESSFUL BIDDERS (CONTRACTORS)

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3.1 Bidders are required to sign and submit this Standard Bidding Document (SBD 5) together with the bid on the closing date and time.

3.2 In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1

(d) above and to enable the DTI in determining the NIP obligation, successful bidders (contractors) are required, immediately after being officially notified about any successful bid with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:

- Bid / contract number.
- Description of the goods works or services.
- Date on which the contract was accepted.
- Name, address and contact details of the government institution.
- Value of the contract.
- Imported content of the contract, if possible.

3.3 The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X 84, Pretoria, 0001 for the attention of Dr Tebogo Makube within five (5) working days after award of the contract. Dr Makube may be contacted on telephone (012) 394 3927, facsimile (012) 394 4927 or e-mail at TMakube@thedti.gov.za for further details about the programme.

4 PROCESS TO SATISFY THE NIP OBLIGATION

4.1 Once the successful bidder (contractor) has contacted and furnished the DTI with the information required the following steps will be followed:

- a. the contractor and the DTI will determine the NIP obligation.

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- b. the contractor and the DTI will sign the NIP obligation agreement.
- c. the contractor will submit a performance guarantee to the DTI.
- d. the contractor will submit a business concept for consideration and approval by the DTI.
- e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts.
- f. the contractor will implement the business plans; and
- g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4.2 The NIP obligation agreement is between the DTI and the successful bidder (contractor)and, therefore, does not involve the purchasing institution.

Bid number Closing date:.....

Name of bidder.....

Postal address

.....

Signature..... Name (in print).....

Date.....

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FORM C PRICING SCHEDULE -

The pricing schedule is attached as Annexure A – Bill of Quantities and shall be used when responding to the Request for Tender:

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. UNCOMPLETED CELLS WILL RENDER THE BID AS NON-RESPONSIVE.

The Tenderer shall enter each rate or lump sum for each item in the Pricing Schedule in **BLACK INK**.

Bidders should note that the 10% contingency included in the schedule of quantity shall be managed by PRASA and the decision to utilise or not utilise the contingency shall be made solely by PRASA. Various interventions are being put in place to ensure that most risks are identified and mitigated to reduce the probability of having unforeseen circumstances that will prompt the use of the contingency.

WORK PACKAGE 7						
ITEM	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1.0	SANS 1200 A.AB	GENERAL & ENGINEER'S OFFICE				
1.1	8.3	FIXED-CHARGE ITEMS				
1.1.1	8.3.1	Contractual requirements	Sum	1		
1.1.2	8.3.2	SITE ESTABLISHMENT:				
1.1.3	8.3.2.1	Facilities for Engineer (SANS 1200 AB):				
1.1.3.1	(a)	Furnished offices	No.	2		
1.1.3.2	(b)	Engineers Telephone and Data	Prov.Sum	1	48 000,00	48 000,00
1.1.3.3	(c)	Construction Nameboard	No.	4		-
1.1.3.4	(d)	Survey assistants and materials	Sum	1	50 000,00	50 000,00
1.1.3.5	(e)	Extra over Profit on item (d) above	%	50 000,00		
1.1.4	8.3.2.2	Facilities for Contractor				
1.1.4.1	(a)	Office and storage	Sum	1		
1.1.4.2	(b)	Workshops on site and elsewhere	Sum	1		
1.1.4.3	(e)	Ablution and toilet facilities on site and elsewhere	Sum	1		
1.1.4.4	(d)	Tools and equipment	Sum	1		
1.1.4.5	(e)	Water supplies, electric power and communication	Sum	1		
1.1.4.6	(f)	Dealing with water	Sum	1		
1.1.4.7	(g)	Access	Sum	1		
1.1.4.8	(h)	Plant for clearing site and excavations in all materials	Sum	1		
1.1.4.9	(i)	Plant for transportation of plant	Sum	1		
1.1.4.10	8.3.3	Other Fixed Charge Obligations	Sum	1		
1.1.4.11	8.3.4	Removal of Site Establishment	Sum	1		
1.2		HEALTH AND SAFETY AND ENVIRONMENTAL				
1.2.1	8.1.2.2	Compliance with Environment Management Plan	Sum	1		
1.2.1.2	8.2.2	Environmental Control Officer	Month	18		
1.2.1.3	8.1.2.2	Implementation and maintenance of OHS plan in accordance with the OHS act	Sum	1		
1.2.1.4	8.2.2	Safety Officer	Month	18		
1.2.1.5	8.1.2.2	Provision for medical examination of labourers	Sum	1		
1.3	8.4	TIME RELATED ITEMS				
1.3.1	8.4.1	Contractual requirements	Sum	1		
1.3.2	8.4.2.1	Facilities for Engineer (SANS 1200 AB):				
1.3.2.1	(a)	Furnished offices	No.	1		
1.3.2.2	(b)	Facilities complete with printer, modem, consumable and call costs	Prov.Sum	1	80 000,00	80 000,00
1.3.2.3		Extra over Profit on item (b) above	%	80 000,00		
1.3.2.4	(c)	Construction Name board	No.	4		
1.3.3	8.4.2.2	Facilities for Contractor				
1.3.3.1	(a)	Office and storage	Sum	1		
1.3.3.2	(b)	Workshops on site and elsewhere	Sum	1		
1.3.3.3	(c)	Ablution and toilet facilities on site and elsewhere	Sum	1		
BALANCE CARRIED FORWARD						

ITEM	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Balance B/F						
1.3.3.4	(d)	Tools and equipment	Sum	1		
1.3.3.5	(e)	Water supplies, electric power and communication	Sum	1		
1.3.3.6	(f)	Dealing with water	Sum	1		
1.3.3.7	(g)	Access	Sum	1		
1.3.3.8	(h)	Plant for clearing site and excavations in all materials	Sum	1		
1.3.3.9	(i)	Plant for transportation of plant	Sum	1		
1.3.3.10	8.3.3	Other Time Related Obligations	Sum	1		
1.3.3.11	8.4.3	Supervision for the duration of Construction	Sum	1		
1.3.3.12	8.4.4	Company and Overhead costs	Sum	1		
1.3.4	PS 2	Compensation for remuneration of Community Liason Officers appointed from each ward affected by the project. Maximum of 12 CLOs for this work package. Refer to project specifications, <i>Items to be provided by the contractor</i> .	Sum	1		
1.3.5	PS 3	Provision of site security in accordance with PSIRA standards & regulations for the duration of the project. Refer to project specifications, <i>Items to be provided by the contractor</i> .	Sum	1		
1.4	8.1.2.1.D	TEMPORARY WORKS				
1.4.2	8.8.1.	Construct and maintain 4m wide access road where PRASA service road is in excess of 50m to point of works.				
1.4.2.1		a) Clear and grub	m	7500		
1.4.2.2		b) Blading of the surface	m	7500		
1.4.2.3		c) Construct 150mm layer with imported material, compacted to 95% Mod.AASHTO density	m2	7500		
1.4.2.3.4		i) G5 material	m3	3500		
1.4.2.3.5		ii) G6 material	m3	2500		
1.4.2.3.6		c) G7 material	m3	2000		
1.4.2.3.7		d) Dump rock	m3	850		
1.4.3	8.8.4	Protection of Existing Services	Sum	1		
1.4.4	(a)	Supply or hire specialized equipment for the detection of underground services	Sum	1		
1.4.5	(b)	The use of equipment referred in item (a) above	Hours	16		
1.4.6	PS 4	This item will cover all costs related to Health and Safety, the item will include all safety equipment, safety wear, safety barricading, ladders and ropes, if required safety officer and any additional costs to ensure that the site complies with the Health and Safety act 85 of 1993	Sum	1		
	(a)	Excavate in Temporary Works				
		i) Soft material	m3	235		
		ii) Intermediate Material	m3	85		
		iii) Hard pickable material	m3	235		
		iv) Hard rock	m3	200		
	(b)	Temporary protection of services	Prov. Sum	1	300 000,00	300 000,00
	(c)	add Profit and attendance to item above	%			
BALANCE CARRIED FORWARD						

ITEM	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Balance B/F						
1.5	PS 5	SMME's Fixed and Time Related Costs				
1.5.1		CONTRACTOR'S FIXED-CHARGED ITEMS (for the SMMEs costs by Main Contractor)				
1.5.1.1		a) Establishment of storage facilities on site for the SMMEs	Sum	1		
1.5.1.2		b) Tools and equipment	Sum	1		
1.5.2		CONTRACTOR'S TIME-RELATED ITEMS (for the SMMEs costs by Main Contractor)				
1.5.2.1		a) Storage facilities	months	18		
1.5.2.2		b) Tools and equipment	months	18		
1.6	8.7	DAYWORKS				
1.6.1		Allow for dayworks as ordered by the Engineer				
		DAYWORKS				
		Personnel during normal working hours:				
1.6.2		a) Unskilled labour	hour	320		
1.6.3		b) Semi-skilled labour	hour	320		
1.6.4		c) Skilled labour	hour	320		
1.6.5		d) Ganger	hour	320		
		Personnel, outside normal working hours:				
1.6.6		a) Outside normal hours and Saturdays				
1.6.7		b) Unskilled labour	hour	320		
1.6.8		c) Semi-skilled labour	hour	320		
1.6.9		d) Skilled labour	hour	320		
1.6.10		e) Ganger	hour	320		
1.6.11		f) Foreman	hour	320		
		Tipper truck				
1.6.12		a) Capacity 6m³ (small)	hour	320		
1.6.13		b) Capacity 10m³ (medium)	hour	320		
1.6.14		c) Capacity 12m³ (large)	hour	320		
		Flat bed tracks				
1.6.15		a) Capacity 3 ton (small)	hour	320		
1.6.16		b) Capacity 5 ton (medium)	hour	320		
1.6.17		c) Capacity 10 ton (large)	hour	320		
		LDV's				
1.6.18		a) Capacity 1 ton	hour	320		
		Conservancy/ Water tankers				
1.6.19		a) Capacity 6,000 litres (small)	hour	320		
1.6.20		b) Capacity 9,000 litres (medium)	hour	320		
1.6.21		c) Capacity 15,000 litres (large)	hour	320		
		Excavator (Crawler excavator)				
1.6.22		a) 20 tonne	hour	320		
1.6.23		b) 30 tonne	hour	320		
BALANCE CARRIED FORWARD						

ITEM	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Balance B/F						
		TLB's (Tractor loader backhoe)				
1.6.24		a) 2x4	hour	320		
1.6.25		b) 4x4	hour	320		
		Walk behind vibrating rollers				
1.6.26		a) Model BW 61 (small)	hour	320		
1.6.27		b) Model BW 76 (medium)	hour	320		
1.6.28		c) Model BW 90 (large)	hour	320		
		Compactors				
1.6.29		a) Wacker	hour	325		
1.6.30		b) Plate compactor	hour	320		
		Compressors (Potable Diesel Compressor)				
1.6.31		a) Small	hour	325		
1.6.32		b) Medium	hour	325		
1.6.33		c) Large	hour	325		
1.6.34		Portable water pumps				
1.6.35		a) Small	hour	325		
1.6.36		b) Medium	hour	325		
1.6.37		c) Large	hour	325		
1.7.1	PS 6	Accredited and approved training courses for local and other labourers including wages during training	Prov. Sum	1		100 000,00
1.7.2		Mark up by Contractor on item 1.7.1 above	%	100 000,00		
TOTAL: PRELIMINARY AND GENERAL CARRIED TO SUMMARY						

WORK PACKAGE 7						
ITEM	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
201	SANS 1200A	ANCILLIARY WORKS				
201,1	8.8.2	ACCOMMODATION OF TRAFFIC				
201.1.1.1	SECTION 1500					
	B15.03	Temporary traffic control facilities:				
	(a)	Flagmen	man-day	418		
	(b)	Portable STOP and GO-RY signs	No	20		
	(c)	Temporary traffic control signals (red, amber and green lenses of 150mm dia. With background board)	No	2		
	(d)	Amber flicker lights	No	20		
	(e)	Road signs, R- and TR series (1200mm diameter)	No	20		
	(f)	Road signs, TW series (1524mm sides)	No	20		
	(g)	Road signs, STW-, DTG-, TGS- and TG series (excluding delineators and barricades)	m²	40		
		Delineators (DTG50J):				
	(h)	Single	No	250		
	(i)	Mounted back to back	No	150		
	(j)	Movable barricade/road sign combination chevron and road closed	No	20		
	(k)	Two-way communication devices	No	10		
	(l)	Other traffic control measures ordered by the Engineer:	No	5		
	15,10	Accommodation of traffic where the road is constructed in half-widths				
	B15.13	Lighting requirements during nightwork	Lump Sum	1		
TOTAL :ACCOMMODATION OF TRAFFIC CARRIED TO SUMMARY						-

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. INCOMPLETE CELLS WILL RENDER THIS BID AS NON-RESPONSIVE

ITEM	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
202	SANS 1200C	CLEARING AND GRUBBING				
202.1	8.2.1	Clearing and grubbing	m ²	27291,93		
202.2	8.2.2	Removal and grubbing of large trees and tree stumps				
202.2.1		a) Girth exceeding 1m up to and including 2m	No	14		
202.2.2		b) Girth exceeding 2m up to and including 3m	No	6		
TOTAL :CLEARING AND GRUBBING CARRIED TO SUMMARY						

[illegible]

WORK PACKAGE 7						
ITEM	LI / SC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.00		SERIES 4: STRUCTURES				
7.1	SANS	PRECAST CONCRETE BASES				
	2001-CC1:	<i>NB:Rate for Base(Grade 30MPa) to include formwork & reinforcement & cast in controlled workshop conditions. The rate priced should be installed rate to the site.</i>				
	2007					
7.1.1	4.2 - 4.8	Construct Precast Bases as per Drawing KB058/PRASA/ST/DT 005				
7.1.1.1		i) Type 1(B1) 30MPa/19mm Stones size precast bases with size 1300x1500x600 with smooth finish 30MPa mass concrete 000mm x 000mm x 000mm and 60MPa grout to be 20mm all around column	No	5196		
		CAST - INSITU CONCRETE BASES KB058/PRASA/ST-DT009				
7.2		ii) Type 2 (B2) 30 Mpa /19mm stones size cast insitu bases with size 400x400x550 with smooth finish,including formwork ,reinforcements and make good	No	295		
		iii) 10MPa/ 19 mm stones 50mm blinding layer	m3	2,36		
		CONSTRUCT PRECAST CONCRETE COLUMNS as per Drawing KB058/PRASA/ST/DT-005				
7.3	SANS 2001-CC1 2007	i) Type 1 (C1) 30 Mpa/ 19mm precast column H sections in accordance to drawing. The spacing of the precast columns H - sections shall be 5 m center to center with a smooth finish . Rate to include formwork & reinforcement & cast in controlled workshop conditions	No	5196		
7.4	SANS	PRECAST CONCRETE WALL PANELS				
	2001-CC1:	<i>NB:Rate for Panels(Grade 30MPa) to include formwork & reinforcement & cast in controlled workshop conditions.</i>				
	2007					
7.4.1	4.2 - 4.8	Construct Precast Panel P1 (5000 x 2000 x) in accordance to Drawing Number KB058/PRASA/ST-DT003				
7.4.1.1		i)Type P1 30 Mpa/19mm precast wall panels size 5000x2000mm with smooth finish	No	10242		
		Extra over for Precast Bases and Columns				
		i) 30 Mpa/19 mm Stones Cast insitu concrete bases B2 ,	m3	28,32		
		ii) 10MPa/ 19 mm stones 50mm blinding layer	m3	1,416		
TOTAL SECTION 701: PRECAST CONCRETE BASES CARRIED TO SUMMARY						

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. INCOMPLETE CELLS WILL RENDER THIS BID AS NON-RESPONSIVE

ITEM	LI / SC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.5		EXCAVATIONS & BACKFILL				
	7.4.1.1	Remove 150mm top soil & cart away	m³	10390		
	7.4.1.2	Excavate in;				
	7.4.1.2.1	Soft Material	m³	25980		
	7.4.1.2.2	Intermediate Material	m³	10618		
	7.4.1.2.3	Hard Pickable Material	m³	10618		
	7.4.1.2.4	Rock	m³	5309		
	7.4.1.3	Backfill with excavated material	m³	8157		
	7.4.1.4	Removal of existing 2.1m high steel palisade fence	m	17430		
	7.4.1.5	Allow for termite poison	m2	26967,24		
TOTAL SECTION 704: EXCAVATIONS CARRIED TO SUMMARY						

ITEM	LI / SC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.5		STRUCTURAL STEEL FENCE & GATES				
		NB: See the attached specifications for the steel fence & gates.(Kingpost spacing:2m)				
	7.5.1.1	Fix & Supply 6m long Sliding Security gates as per Drawing Number KB058/PRASA/ST-DT0001	No	18		
		Rate to include the 75 x 75 x 5SHS Kingposts on either side of gate & all steel fixities				
	7.5.2.2	Fix & Supply reinforced mesh panel fence with 3305x 1200mm galvanised panels with an aperture size 76,2mm x 12,7 mm with galvanised king post with locking recess mechanism	m	436		
	7.5.2.3	Fix & Supply 85 x 75 x 5 SHS Kingposts	kg	31565		
		Locking Management and Mechanism				
	7.5.2.4	Supply and install smart lock (or similar approved) in accordance with the project specifications. Rate to include testing and commissioning. See locking management and mechanism specifications on project specifications.	No	18		
TOTAL SECTION 705 : STEEL GATES AND FENCE- CARRIED TO SUMMARY						

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. INCOMPLETE CELLS WILL RENDER THIS BID AS NON-RESPONSIVE

ITEM	LI / SC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.6		RAZORWIRE				
	7.6.1	Supply and Fix heavy duty galvanised Concertina Razor wire coils 450mm diameter, coil wire diameter 3mm and blade thickness of 0,5mm with crosses spiral configurations supported by Y brackets to anchored to the precast wall	m	26980,05		
		TOTAL SECTION 706 : RAZOR WIRE				

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. INCOMPLETE CELLS WILL RENDER THIS BID AS NON-RESPONSIVE

ITEM	LI / SC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.7		GUARD -HOUSE				
	7.7.1	Construction of a guard -house including all plumbing including the foundations, superstructure, and roofing as per drawing, including all finishes as prescribed in the technical specifications	Prov.Sum	1	600000	600 000,00
		Mark-up for item above.	%	600 000,00		
		TOTAL SECTION 707 : GUARD HOUSE				

[illegible]

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. INCOMPLETE CELLS WILL RENDER THIS BID AS NON-RESPONSIVE

WORK PACKAGE 7

SUMMARY OF BILL OF QUANTITIES

Section	Description	AMOUNT
1	GENERAL REQUIREMENTS AND CHARGES	
201	TRAFFIC ACCOMODATION	
202	SITE CLEARING AND GRUBBING	
504	OPEN DRAINS	
701	PRECAST CONCRETE BASES	
704	EXCAVATIONS AND BACKFILL	
705	STRUCTUAL STEEL FENCE AND GATES	
706	RAZORWIRE	
707	GUARD -HOUSE	
803	SERIES 9 : QUALITY CONTROL	
	SUBTOTAL A	
	Add 10% for contingencies on subtotal A	
	SUBTOTAL B	
	Add 15% VAT on subtotal B	

NOTE: BIDDERS SHOULD NOTE ALL GREYED OUT RELEVANT RATE AND PRICES CELLS SHOULD BE COMPLETED. INCOMPLETE CELLS WILL RENDER THIS BID AS NON-RESPONSIVE

	CONTRACT PRICE CARRIED FORWARD TO FORM OF OFFER	
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