



MBD1

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE THULAMELA MUNICIPALITY					
BID NUMBER:	16//2023/2024	CLOSING DATE:	08 SEPTEMBER2023	CLOSING TIME:	11:00 AM
DESCRIPTION	CONSTRUCTION OF THOHAYANDOU LANDFILL SITE BOUNDARY WALL				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
OLD AGRIVEN BUILDING					
THOHAYANDOU					
0950					
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					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT ☐ Yes ☐ No		
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED			TOTAL BID PRICE	R	
SIGNATURE OF BIDDER			DATE		
CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL INFORMATION MAY BE DIRECTED TO:		
DEPARTMENT	FINANCE		CONTACT PERSON	MR SITHOLE D	
CONTACT PERSON	MUDZILI TP		TELEPHONE NUMBER	015 962 7676	
TELEPHONE NUMBER	015 962 7629		FACSIMILE NUMBER	015 962 7629	
FACSIMILE NUMBER	015 962 7676		E-MAIL ADDRESS		
E-MAIL ADDRESS	mudzilitp@thulamela.gov.za		SitholeD@thulamela.gov.za		



MBD1

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. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER 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 THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE 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 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.	
2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.	
2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.	
2.7 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 ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS 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.
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:



THULAMELA MUNICIPALITY

INVITATION TO BID

CONSTRUCTION OF THOHOYANDOU LANDFILL SITE BOUNDARY WALL

Thulamela Municipality invites prospective service providers for provision of the following service:

BID NUMBER	DESCRIPTION	CIDB GRADING	CONTACT PERSON	EVALUATION CRITERIA
NO: 16/2023/2024	Construction of Thohoyandou Landfill site boundary wall	5GB or higher	Mrs Netshivhazwaulu E.R. (015 962 7645), Mr Sithole D. (015 962 7676) and/or Mr Mudzili T.P. (015 962 7629)	80/20 preference points system and functionality will be used.

Tender documents are obtainable from Procurement Office, Office No. 02 at Thulamela Local Municipality Head Office, during the following times: 08:00 to 15:30 (Monday to Friday) at a **Non-refundable BID price of R3.00 per page** as from **18 August 2023** or can alternatively be downloaded from Thulamela website (www.thulamela.gov.za) for free. The tenderer(s) should also download SCM forms that are found in the **SCM-FORMS sub folder** on the website and complete as part of the Bid documents.

The service providers must submit the completed Bid documents (in black ink) and hand deliver or courier them to Thulamela Municipality. All completed Bid documents (hand delivered or couriered) must be dropped in the BID BOX before the closing date and time of the Bids closure. The onus is on the service providers to make sure the Bid documents are submitted on time and late submission won't be accepted.

Interested service providers must attend a compulsory briefing session on 29 August 2023 at 10h00. Venue: Thulamela local Municipality: Thohoyandou Landfill Site Main Entrance.

Interested service providers will be expected to submit the Bid documents with the following compulsory requirements.

- ❖ Tax Compliance Status Letter or Tax Compliance Pin Number.
- ❖ Company registration documents (e.g., CK).
- ❖ Company profile.
- ❖ Proof of registration on CSD.
- ❖ Proof of municipal rates and taxes or municipal service charges owed by the bidder AND ALL its directors, not in arrears for more than 3 months. (The proof of municipal rates and taxes or municipal service charges to be submitted must not be older than three (3) months from the closing date of the bid). Attach valid lease agreement in case of rental of office facilities and municipal clearance in respect of the areas exempted from billing by municipalities.
- ❖ List of similar projects completed in the last 10 years by the company with client's contact details, description and contract values and highlight similarities between the completed projects and the specifications of this project (Attach signed appointment letters and completion certificates)
- ❖ All records of any additional information posted in relation to this BID should be submitted as compulsory requirements and it is the responsibility of the bidders to check with the respective project engineer or client representatives (contact details as provided above) if there are any additional information before submission of the tender documents.

Tenderers should note the following: Functionality will be scored out of **100%** and the **minimum threshold to qualify is 70%**. Tenderers who fail to meet the minimum threshold will not be considered for further evaluation.

	TARGETED GOALS:	WEIGHT	SCORED
Points for functionality	Company Reputation and Reference: Table1	40.0	
	Financial Reference: Table 2	15.0	
	Personnel Experience: Table 3	15.0	
	Plant And Equipment: Table 4 Details of major equipment owned by the bidder (Tenderer's own plant)	30.0	
	SUB- TOTAL: Functionality Achievements	100.0	

Bids will be assessed under the provisions of the following Acts and its Regulations: Municipal Finance Management Act, (Act 56 of 2003); PPPFA, Supply Chain

Management Policy of the municipality in accordance with the specifications and in terms of 80/20 preferential points system and functionality.

Specific Goals Categories (CSD will be used for verification)	Number of Points (80/20 system) 20 Points breakdown
1. 100% Black ownership	10
2. 100% Women ownership	5
3. Youth	3
4. Disability (Medical certificate will be used to verify the disability status of the bidder).	2

Tenderers should note the following: Functionality will be scored out of 100% and the minimum threshold to qualify is 70%. Tenderers who fail to meet the minimum threshold will not be considered for further evaluation.

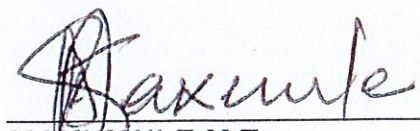
Sealed bid documents must be submitted in envelopes clearly indicating **"BID NUMBER AND DESCRIPTION"** on the outside and must reach the undersigned by depositing it into the official **Bid Box** at the front of the main entrance to Thulamela Municipality, Thohoyandou Civic Centre, Old Agriven Building, Thohoyandou, by no later than 11H00 on, 08 September 2023.

The Municipality is not bound to accept the lowest Bid and reserves the right to accept any part of a Bid. Bids must remain valid for a period of ninety (90) days after closing date of the submission thereof.

Bids may only be submitted on the bid documentation provided by the municipality.

NB:

Bids which are late, incomplete, unsigned, completed by pencil, sent by telegraph, facsimile, electronically (Fax), or E- mail and without the compulsory requirements will be disqualified.



MAKUMLE M.T.
MUNICIPAL MANAGER

16. 08. 2023
DATE

THULAMELA MUNICIPALITY

FUNCTIONALITY SCHEDULE (BUILDING CONSTRUCTION)

i. Functional Requirements

A tenderer must score a minimum of seventy points (70/100) to qualify for further evaluation. Tenders will be evaluated individually and scored by an evaluation panel according to the evaluation criteria mentioned below:

TABLE 1: REPUTATION AND REFERENCE

	TARGETED GOALS:	WEIGHT	POINTS SCORED
	Name reference with contact details of largest successfully implemented building construction projects (previous 10 years).		
Company Experience (Demonstrated company experience on similar project and past performance in Built Environment) NB: Signed appointment letters, and completion certificates with contactable references must be attached.	Similar projects in Built Environment. Project descriptions of similar completed projects maximum one grading lower than required CIDB grading (4GB) completed in the past 10 years. Highlight similarities between the completed projects and the specifications of this project. Provide details of employers for these projects: 6 points will be awarded for each project completed to a maximum of 30 points. Signed appointment letter indicating the project value and completion certificates must be attached.	30.0	
Project Programme	Project Programme – Understanding the scope and provide a concise and clear methodology of the tasks as well as adequacy of the programme of work	5.0	
Schedule of estimated monthly expenditure	Schedule of estimated monthly expenditure – Realistic cash-flow based on estimated construction period and project cost.	5.0	
	SUB TOTAL: Tendered Reputation and References	40.0	

TABLE 2: FINANCIAL REFERENCES

	TARGETED GOALS:	WEIGHT	POINTS SCORED
1	Tenderer submitted banking details and proof attached	5.0	
2	Registered financial institution's full details as guarantor in the amount of 10% as specified for surety purposes shall be submitted.	5.0	
3	Banking rating "C" or better	5.0	
	SUB- TOTAL: Tender Financial References	15.0	

TABLE 3: PERSONNEL EXPERIENCE

TARGETED GOALS	WEIGHT	POINTS SCORED
Contract Manager has 5years or more in similar building projects	5.0	
Site agent has 5 years or more in similar building projects.	4.0	
Foreman Has 5years or more in similar building projects	3.0	
Firm's safety officer/ representative has valid OHS qualifications and proof are attached.	3.0	
SUB- TOTAL: Personnel experience	15.0	

TABLE 4: TENDER CONSTRUCTION PLANT AND EQUIPMENT

TARGETED GOALS: Details of major equipment owned by the bidder (Tenderer's own plant). (Please provide proof of ownership). Valid proof of license disk & registration			WEIGHT	POINTS SCORED
PLANT AND EQUIPMENT REQUIRED: Proof of Plant and Equipment owned by the bidder with proof of plant registration document by owner	SIZE/ CAPACITY OR MODEL ETC.	MIN. NUMBER REQUIRED		
1	BAKKIE/PICK UP	1 TONNES	1	5.0
2	HALF TRUCK	2 TONNES	1	5.0
3	TIPPER TRUCK	6 CUBIC METER	1	5.0
4	CONCRETE VIBRATOR	45-60mm POKER SIZES	1	5.0
5	TLB		1	5.0
6	CONCRETE MIXER	350 LITRES OR HIGHER	1	5.0
SUB- TOTAL: PLANT AND EQUIPMENT			30.0	

SUMMURY OF ADJUDICATION COMPETENCE ACHIEVEMENTS:

	TARGETED GOALS:	WEIGHT	SCORED
COMPETENCE GOALS	Reputation and Reference: Table1	40.0	
	Financial Reference: Table 2	15.0	
	Personnel Experience Table 3	15.0	
	Plant And Equipment: Table 4	30.0	
	SUB- TOTAL: Functionality Competence Achievements	100.0	

Tenderers should note the following: Functionality will be scored out of 100% and the minimum threshold to qualify is 70%. Tenderers who fail to meet the minimum threshold will not be considered for further evaluation.

The following is a statement of similar projects executed by the company/ies in the last TEN (10) years:

Employer, Contact person and telephone number	Description of contract	Value of work inclusive of VAT (Rand) if applicable	Date Completed	Similarities between the completed projects and the specifications of this project

TEM No	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
A	PRELIMINARY AND GENERAL				
1.1	Contractual Requirements:				
1.1.1	Fixed charge contractual requirements	Sum	1		R -
1.1.2	Value related contractual requirements	Sum	1		R -
1.1.3	Time related contractual requirements	Months	9		R -
1.2	Facilities for Contractor				
1.2.1	Site Establishment (Mobilization)	Sum	1		R -
1.2.2	Removal of Site Establishment (Demobilization)	Sum	1		R -
1.2.3	Tools and Equipment	Sum	1		R -
1.2.4	Standard Contract Name Board	Sum	1		R -
1.3	Safety Measures at Excavations:				
1.3.1	Provision of all safety measures required to fully protect all excavations against public access, injury or any other possible incident and/or accident.	Sum	1		R -
1.3.2	Provision of all covid-19 PPE required for the whole construction period.	Sum	1		R -
1.3.3	Provision of CLO required to fully protect all workers against injury or any other possible accident on site.	Months	9	R 7 500,00	R 67 500,00
1.4	PSC Attendance at Site Meeting:				
1.4.1	Provision for the attendance of PSC members if there is any and refreshments.	Sum	1	R 9 000,00	R 9 000,00
1.4.2	Overheads, charges and profit on item 1.4 .1.	%		10%	R -
1.4.3	Overheads, charges and profit on item 1.3.2	%		10%	R -
1.5	SUB TOTAL A (CARRIED TO SUMMARY)				R -

ITEM No	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
1.1	Temporary Works				
1.1.1	(As specified in SABS 1200 A and the Project Specifications.)				
1.1.2	Access Roads to the Works				
1.1.3	Provision and maintenance of construction access to sites. camp or pipeline routes as required by the contractor and the client.	Sum	1	R	-
1.1.4	Safety Measures at Demolition:				
1.1.5	Provision of all safety measures required to fully protect all demolition against public access, injury or any other possible accident.	Sum	1	R	-
1.1.6	Demolish existing boundary precast wall.	Sum	1	R	-
1.1.7	Concrete Demolition, Digging up and removing rubbish, debris, vegetation, hedges. shrubs and trees not exceeding 200mm girth. bush. & general site clearance Etc	m ²	9000	R	-
1.1.8	Transportation of removed rubbish, debris, vegetation, hedges. Shrubs, bush and trees off site to dumping site	Sum	1	R	-
1.2	Brickwork for Foundations				
1.2.1	(All the construction works shall comply to SABS specifications.)				
1.2.2	Approved Nt-X (14 MPa nominal compressive strength) red kiln burnt and/or approved face bricks laid in class 1 mortar and pointed with recessed joints and cleaning down on completion (Note that use of common bricks is not allowed without written instruction from the engineer or project manager)				
1.2.3	Supply, lay and construct a 230mm (face brick either sides) brick wall with brick walls reinforced with brick reinforcement at every course with sufficient laps nicely done all complete to satisfaction. (Face brick only)	m ²	1575	R	-
1.2.4	Fabricate, Supply and install (1200 wide by 2500 High) pedestrain gates all complete to manufacturer's specifications	No.	1	R	-
1.3	Brick Reinforcement for Foundations (Substructure)				
1.3.1	Brick reinforcement 220mm wide built into brick walls at every course with sufficient laps at end points, angles and intersections (measured nett).	m	17150	R	-
1.4	Brick Reinforcement for Superstructure:				
1.4.1	Brick reinforcement 220mm wide built into brick walls after every three courses with sufficient laps at end joints. angles and intersections (measured nett).	m	20580	R	-
1.5	SUB TOTAL B (CARRIED TO SUMMARY)			R	-

ITEM No	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
B1	BOUNDARY EARTHWORKS AND TRENCHES				
1.1	Site Clearance				
1.1.1	Clear vegetation (Provisional)	m ²	1250,00	R	-
1.1.2	Remove 150 mm topsoil.	m ²	1250,00	R	-
1.2	Excavation using Plant				
1.2.1	Excavate in all materials for foundation trench depths up to 800 mm (minimum), 700 mm wide.	m	920,00	R	-
1.2.2	Extra-over items 1.2.1, for excavation in intermediate material.	m ³	10,00	R	-
1.2.3	Extra-over items 1.2.1 and 1.2.2 for excavation in hard material.	m ³	5,00	R	-
1.2.4	Spoil unsuitable backfill material.	m ³	190,00	R	-
1.3	Foundation Ancillaries:				
1.3.1	Termite treatment with approved fumigant to be sprayed over filling and tops of foundations walls (Contractor to provide a written ten year guarantee as to the contents, quality & effectiveness of termite treatment)	m ²	1350,00	R	-
1.4	Backfill and Compaction:				
1.4.1	Backfilling to trenches, holes, etc with approved excavated material, levelled, well watered and compacted in layers not exceeding 150mm thick to 95% MOD. AASHTO density	m ³	343,00	R	-
1.4.2	Approved non-expansive earth filling under solid walls with approved gravel infill, supplied and carted on by Contractor, compacted in layers of 150mm to 95% MOD. AASHTO density	m ³	343,00	R	-
1.5	Demolition of the existing trees exceeding 200mm girth with the client's directive and taking away to a dumping site identified by the contractor	No.	4,00	R	-
1.6	Supply & install spiral coil galvanised razor wire with clips on finished boundary brick wall complete with all accessories (Y supports etc) to satisfaction.	m	1750,00	R	-
1.7	Relocation and/or Protection of Existing Services:				
1.7.1	Provision for relocation and/or protection of existing services.	Sum	1,00	R	-
1.8	Supply and placement of concrete to foundations all complete to satisfaction. [Class 25/19 MPa] Ready Mix	m ³	410,00	R	-
	SUB TOTAL B1 (CARRIED TO SUMMARY)			R	-

ITEM No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C	BOUNDARY WALL BUILDING STRUCTURE WORKS				
1.1	Concrete Works: Ready Mix				
1.1.1	Supply and placement of concrete for R.C. Columns bases (1.2mX1.2m). [Class 25/19 Mpa]	m ³	100,00	R	-
1.1.2	220mm 375 Micron embossed black polyethylene damp-proof course to walls etc. (measured nett).	m ²	570,00	R	-
1.1.3	110mm 375 Micron embossed black polyethylene damp-proof course to walls etc. (measured nett).	m ²	201,00	R	-
1.2	Brick work:				
1.2A	(All the construction works shall comply to SABS specifications)				
1.2B	Approved red kiln burnt and/or approved face bricks laid in class 2 mortar and pointed with recessed joints and cleaning down on completion (Note that use of common bricks is not allowed without a written instruction from the engineer)				
1.2.1	Supply, lay and construct a 220/230mm (face brick either sides) brick wall reinforced with brick reinforcement up to a height of 2.5m above NGL.	m ²	7000,00	R	-
1.2.2	Supply, lay and construct a 110/115mm (face brick) wall around the concrete columns all complete to satisfaction. Construct to a height of 2.5m above NGL.	m ²	180,00	R	-
1.3	Plastering and Painting (Provisional):				
1.3.1	One coat 1 : 4 cement sand plaster, skimmed and finished smooth with a steel float internally on superstructure walls and painting as and when required	m ²	2000,00	R	-
1.4	Reinforced Concrete Columns: Ready Mix				
1.4.1	Supply and placement of concrete for reinforced concrete columns spaced at 5m intervals with construction joints all round the wall. [Class 25/19 MPa].	m ³	60,00	R	-
1.5	Mass Concrete: Ready Mix				
1.5.1	Mass concrete Class 15/19 for blinding.	m ³	105,00	R	-
1.5.3	Fabric Reinforcement:				
1.5.4	Supply and Install Type ref 888 fabric reinforcement in foundations (top and bottom with stools and cover 50mm blocks) all complete	m ²	2896,00	R	-
	SUB TOTAL C1 CARRIED FORWARD TO NEXT PAGE				R -

ITEM No	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
C	BOUNDARY WALL BUILDING STRUCTURE WORKS				
	SUBTOTAL OF SECTION C: BROUGHT FORWARD FROM PREVIOUS PAGE				
1.6	High Security Galvernised Gates				
	Supply and install high security main entrance wrought iron steel gate (8m long) with all accessories required (including gate motors) all complete to satisfaction and perfection. The main entrance gate shall match the				
1.6.1	hieght of the walls (2.5m above natural ground level) with razor wire on top. The gate shall have handles, locks, stoppers etc and shall be user friendly all times without difficulties. Contractor is to take note of the length of the main entrance.	Sum	1,00	R	-
1.6.2	Provision for the fabrication of the main entrance gate including workshop welding & accessories all complete to satisfaction	Sum	1,00	R	-
1.6.3	Supply and install high security other entrance wrought iron steel gates (8m long) with all accessories required (incl. gate motors) to completion, satisfaction & pefect. All other entrance gates should be secured and it should match the hieght of the walls (2.5m above natural ground level) with razor wire on top. The gates should have locks and should be user friendly all times without difficulties. Contractor is to take note of the length of all other entrance gates and maintain quality work ..	No	1,00	R	-
1.6.4	Provision for the fabrication of the other entrance gates including workshop welding and all materials & accessories all complete to satisfaction	No	2,00	R	-
1.6.5	Fabrication, supply & install small galvernised gates (1.2mX2.5m) including installation and painting and repainting all to the satisfaction.	No	2,00	R	-
1.6.6	Provision for the fabrication of all other entrance gates and pedestrain gates including workshop welding all complete to satisfaction	No	2,00	R	-
1.7	High Yield Steel Reinforcement to Structural Concrete:				
1.7.1	12mm Diameter bars	t	1,80	R	-
1.8	Mild Steel Reinforcement to Structural Concrete				
1.8.1	8mm Diameter bars	t	0,50	R	-
1.8.2	10mm Diameter bars	t	0,80	R	-
1.8.3	Provision for the bending of reinforcement	Sum	1,00	R	-
	SUB TOTAL C2 CARRIED FORWARD TO NEXT PAGE				R -

TEM No	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
C	BOUNDARY WALL BUILDING STRUCTURE WORKS				
SUBTOTAL OF SECTION C: BROUGHT FORWARD FROM PREVIOUS PAGE					
1.9	FENCING: Invincible Clearvu or similar approved Post shall be 2.7m long Taper Locking Post. Post width shall be 85mm - tapering to 45mm with a depth of 85mm. Post shall include 'Locking Recess Mechanism' to secure panel edge. Post shall be sealed with a UV stabilized polymer cap. Post finish shall be galvanized, then Polymetic 6000 coated. Panel:Panel shall be of 3,305m width and 2.1m in height.Panel aperture size (centers) shall be 76.2mm x 12.7mm.Wire diameter will be 3.5mm. The panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands (rigidity) Panel shall have 2 x 70° flanges along sides (internal fixtures- all fixtures shall be on the inside of fence line) Panel shall have 1 x 90° flange along top and 1 x 30° flange along toe (integrated rigid angle). Panel post shall have a flush panel post finish with no climbing aid. Panel shall be affixed to post over 48 line wires using 8 x Double bolt comb clamps and 8 x Single bolt comb clamps using 24 x Anti vandal bolts. Panel and fixtures shall be galvanized, then Polymetic 6000 coated. Make provision for necessary support, excavations, concrete foundations, backfilling, concrete ramps, etc. 100mm high toughened steel Shark Tooth spike shall be affixed to panel edges on top of the fence, internally intervals using Anti-vandal bolts.Spike finish shall be Galvanized, then Polymetic 6000 coated.				
1.9.1		m	100,00		R -
	SUB TOTAL C (CARRIED TO SUMMARY)				R -

ITEM No.	DESCRIPTION			AMOUNT
A	SUB TOTAL (A)	R	-	
B	SUB TOTAL (B)	R	-	
B1	SUB TOTAL (B1)	R	-	
C	SUB TOTAL (C)	R	-	
D	SUB TOTAL (A+B+B1+C)	R	-	
E	ADD 15% VAT	R	-	
F	TOTAL AMOUNT	R	-	