



INVITATION TO BID

BID NUMBER: R&D/GER-2026/002

BID DESCRIPTION: REPAIR AND REHABILITATION OF ACCESS ROADS AND PARKING AREAS AT GEROTEK TEST FACILITIES

EXPECTED TIMEFRAME

BID PROCESS	EXPECTED DATES
Bid Issue Date	18 FEBRUARY 2026
Bid Collection Date (if necessary)	N/A
Briefing Session (<i>Compulsory</i>) Date	26 February 2026 AT 10H00
Briefing Session Address and Venue	GEROTEK TEST RANGE, PLOT 171,WF NKOMO STREET, PRETORIA WEST
Bid Closing Date	11 MARCH 2026

TABLE OF CONTENTS

	Number of Pages
RETURNABLE DOCUMENTS CHECKLIST	3
KD17	12
KD18	2
KD21	1
KD22	2
KD24	6
ANNEXURE 1 TO KD24	3
ANNEXURE 2 TO KD24	3
KD25	1
ANNEXURE 1 TO KD25	3
KD26	3
KD27	7
BID SPECIFICATION (RFB):	12
SCOPE OF WORK	56
BILL OF QUANTITIES	9
CIDB	17

PROPRIETARY INFORMATION

- For bids only advertised on Armscor Website, bid documents may **ONLY** be obtained from the Armscor Supply Chain Management Department.
- Bid documents obtained from Armscor may **NOT** be given to a third party.
- Bid proposals received from companies whose bid documents were **NOT** obtained from Armscor will **NOT** be considered.
- A-STD-0020: Armscor General Conditions of Contract:
- A-WI-014: Armscor Security Instruction:
- A-GUID-1003: Industry Guide for Defining the Scope of Work.

*Bids must **ONLY** be submitted in hard copy; electronic bids submissions are **NOT** acceptable.*

Kindly register on the National Treasury's Central Supplier Database (CSD) via www.csd.gov.za

RETURNABLE DOCUMENTS CHECKLIST

1. RFB RETURNABLES

- 1.1 Bidders shall submit the returnable documents together with the Bid on or before the closing time and date of the Bid.
- 1.2 Administrative documents
- 1.2.1 Armscor reserves the right to request the administrative returnable documents after the closing time and date in instances where the bidder has not returned the administrative returnable documents. Please note that Armscor is under no obligation to request such documents or information, if information is requested and not provided in terms of legislative requirements.
- 1.2.2 Bidders must submit the following administrative returnable documents together with the bid.

No.	Administrative Returnable Documents
1	KD17: BID CONDITIONS ACCEPTANCE FORM.
2	Valid proof of BBBEE status for the bidder and its sub-contractor(s).
4	KD 26: BIDDER'S DISCLOSURE.
5	Central Supplier Database Report.

- 1.2.3 Armscor reserves the right to verify all information submitted with the bid.

Kindly note that any misrepresentations of facts will lead to disqualification of bid and also further steps be taken to recover the loss where applicable and list the company and its directors in the list of restricted bidders from doing business with the State with National Treasury,

2. MANDATORY RETURNABLE DOCUMENTS

- 2.1. Bidders must return the mandatory documents together with the bid. Failure to submit mandatory documents will result in disqualification from further evaluation.

No.	Mandatory Returnable Documents
1	Refer to the Bid specification document.
2	Mandatory Evaluation Documents
3	Functional Evaluation Documents if applicable

3. EVALUATION RETURNABLE DOCUMENTS

- 3.1. Bidders must return the evaluation returnable documents together with the bid. Failure to submit the evaluation returnable documents will result in forfeiting points as provided in the evaluation and may not necessarily result in disqualification from further evaluation.

Bidders are required to develop a returnable schedule annexure in accordance with the following table of contents.

Item	List of Documents Required.	Submitted [Yes or No]	
		Yes	No
1.	Central Supplier database (CSD) registration report or Unique Registration Reference Number	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.	SARS issued verification pin code and or proof of application endorsed by SARS.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
3.	Copy of CIPC registration documents listing all members with percentage, see bidding structure for required documents.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.	Copy of the Joint Venture / Consortium Agreement duly signed by all parties	Yes <input type="checkbox"/>	No <input type="checkbox"/>
5.	Copy of the Sub-Contracting Agreement duly signed by all parties	Yes <input type="checkbox"/>	No <input type="checkbox"/>
6.	Valid proof of BBEE status for the bidder and its sub-contractor(s) or Sworn Affidavit	Yes <input type="checkbox"/>	No <input type="checkbox"/>
7.	Designated sectors: Local production and content. (Where applicable) Annexures	Yes <input type="checkbox"/>	No <input type="checkbox"/>
8.	Certified copy of Identity Document for the Company representative	Yes <input type="checkbox"/>	No <input type="checkbox"/>
9.	Copy of latest audited financial statements	Yes <input type="checkbox"/>	No <input type="checkbox"/>
10.	Bid conditions acceptance form on KD17	Yes <input type="checkbox"/>	No <input type="checkbox"/>

received after this period will not be considered

3. BID VALIDITY PERIOD

- 3.1 Bid proposals to remain valid for acceptance for a period of **120 days** counted from the closing date.

NOTE: Bids for the supply of the goods and/or services described in the attached documents are invited in accordance with the provisions of the General Conditions of Contract (A-STD-0020) Issue 5 dated 22 June 2022, as well as any special condition contained in these documents. Copies of the General Conditions of Contract and the Rules of Procedure are available on Armscor's website at www.armscor.co.za.

BID AWARD RESULTS

Result on bid awarding information is not sent to unsuccessful bidders. Particulars of successful bidders are also NOT published on the Armscor Acquisition Bulletin.

4. OBJECTIVE CRITERIA

- 4.1 Armscor will not award the bid or order to any bidder based on the proven poor record or poor performance of the bidder in previous projects within the Armscor.
- 4.2 Armscor will not award order/s or contract/s to the bidders who are blacklisted or restricted or have committed other acts of fraud and misrepresentation of facts e.g., tax compliance, company financials, etc. will be eliminated from the bid process.
- 4.3 Armscor reserve the right not to award this bid to any bidder who fails the financial stability assessment.
- 4.4 Armscor reserves the right to award the bid in part or in full.
- 4.5 Armscor reserves the right to disregard bids that are abnormally low prices compared to the market.

BIDDING STRUCTURE

Indicate the type of bidding structure by marking with an 'X' in an appropriate box.	
Individual Bidder	
Joint Venture	
Consortium	
Using Sub-contractors	
Other	

Only fill the relevant category:

If individual bidder, indicate the following:	
Name of Bidder	
Company / Close Corporation Registration Number	
VAT Registration Number	
National Treasury Supplier Number	
Unique Registration Reference Number	
Contact Person	
Telephone Number	
Primary email address	
Alternative Email Address	
Postal Address	
Physical Address	
NB: Submit with the bid the following documents:	
Copies of the bidder's CIPC company registration documents listing all members with percentages, in case of a CC.	
In case of individual, supply ID document for local and if foreigner supply passport number or identification as applicable in that country.	
Latest copies of all share certificates, in case of a company or any other form of a legal entity.	
Shareholding breakdown per race, gender and percentage shareholding with shareholders of the bidding entity.	

If Joint Venture or Consortium, indicate the following: (To be completed for each JV/Consortium member)	
Name of Joint Venture / Consortium	
Company / Close Corporation Registration Number	
VAT Registration Number	
National Treasury Supplier Number	
Unique Registration Reference Number	
Contact Person	
Telephone Number	
Fax Number	
Email Address	
Postal Address	
Physical Address	
NB: Submit with the bid the following documents:	
Copies of the bidder's CIPC company registration documents listing all members with percentages, in case of a CC.	
In case of individual, supply ID document for local and if foreigner supply passport number or identification as applicable in that country.	
Latest copies of all share certificates, in case of a company or any other form of a legal entity.	
Shareholding breakdown per race, gender and percentage shareholding with shareholders of the bidding entity.	

If using subcontractors, indicate the following:	
Name of Prime -Contractor	
Percentage Value to be subcontracted	
Company / Close Corporation Registration Number	
VAT Registration Number	
National Treasury Supplier	

Number	
Unique Registration Reference Number	
Contact Person	
Telephone Number	
Fax Number	
Email Address	
Postal Address	
Physical Address	
Subcontractor Details:	
Name of Subcontractor	
Company / Close Corporation Registration Number	
VAT Registration Number	
National Treasury Supplier Number	
Unique Registration Reference Number	
Contact Person	
Telephone Number	
Fax Number	
Email Address	
Postal Address	
Physical Address	
NB: Submit with the bid the following documents for both Prime and Sub-Contractors:	
Copies of the bidder's CIPC company registration documents listing all members with percentages, in case of a CC.	
In case of individual, supply ID document for local and if foreigner supply passport number or identification as applicable in that country.	
Latest copies of all share certificates, in case of a company or any other form of a legal entity.	

Shareholding breakdown per race, gender and percentage shareholding with shareholders of the bidding entity.	
Other:	
Name of Bidder	
Company / Close Corporation Registration Number	
VAT Registration Number	
National Treasury Supplier Number	
Unique Registration Reference Number	
Contact Person	
Telephone Number	
Fax Number	
Email Address	
Postal Address	
Physical Address	
NB: Submit with the bid the following documents.	
Copies of the bidder's CIPC company registration documents listing all members with percentages, in case of a CC.	
In case of individual, supply ID document for local and if foreigner supply passport number or identification as applicable in that country.	
Latest copies of all share certificates, in case of a company or any other form of a legal entity.	
Shareholding breakdown per race, gender and percentage shareholding with shareholders of the bidding entity.	

Declaration:

I, as the duly authorized representative of the bidder hereby authorize Armscor to request, investigate and process company information including tax compliance via the SARS website.

.....
 Name ID number

BID CONDITIONS ACCEPTANCE FORM

Bidders shall complete and sign this bid conditions acceptance form

I/We hereby offer to supply all or some of the supplies and/or services described in the Pricing Schedule and /or attached documents on the terms and conditions and in accordance with the conditions set out in A-STD-0020 Issue 5 dated 22 June 2022 (and I/we acknowledge that I/we am/are acquainted therewith) at the price and on the terms of delivery/execution inserted by me/us.

I/We agree -

1. that this bid shall remain binding on me/us and open for acceptance for the period stipulated above;
2. that if my/our bids is accepted, the acceptance will be communicated to me/us by letter or order through the post, and such acceptance shall constitute a contract between me/us and Armscor, subject to the terms and conditions set out in Armscor's General Conditions of Contract (A-STD-0020), Issue 5 dated 22 June 2022, the contents of which I/we acknowledge ourselves to be acquainted with.

I/We choose as domicilium citandi et executandi in the Republic

.....
.....

(no post box or private bag)

IN BLOCK LETTERS ON BEHALF OF -

Complete registered:

Name of bidder:

AUTHORISED SIGNATURE

.....
Signature Date

.....
Name in block letters

.....
Capacity

SUPPLIER REGISTRATION

- 1.1 Bidders must register on the National Treasury Central Supplier Database (CSD) in terms of National Treasury Instruction Note 3 of 2016/17.
- 1.2 Bidders must electronically register for Security on Armscor website to be considered for orders which are administered by Armscor SOC Ltd on Behalf of clients.

For more information on security registration contact: -

The Security Registration

Private Bag X337

PRETORIA

0001

E-mail:- register@armscor.co.za

ALL BIDDERS SHALL COMPLY WITH THE FOLLOWING:

1. The pages of the KD17 document are numbered from one, and the final page bears the words "and last". Bidders should check the numbers of the pages as no liability arising from claims owing to the omission or duplication of pages will be recognised by Armscor. The appendices mentioned in these pages form part of the bids.
2. **All bidders shall -**
 - 2.1. insert their name at the top of each price schedule form used (a rubber stamp may be used);
 - 2.2. insert the information in the spaces provided in the price schedules by writing or typing on the dotted lines only (additional information should be contained in a separate annexure);
 - 2.3. if they wish to make more than one bid against an item, as an alternative, apply for additional copies of the bid documents or photocopy one or more pages, and not retype or redraft any of the forms used;
 - 2.4. indicate the prices quoted in the units shown and quote them per item;
 - 2.5. indicate in respect of each item whether the goods/services quoted comply strictly with the specified requirements, and furnish particulars of deviations if this is not so;
 - 2.6. complete all appendices.
3. **Value-added tax, customs duties, ad valorem customs duties and surcharges**
 - 3.1. Value added tax levied by the Receiver of Revenue must not be included in the prices quoted but be shown as a separate line item.
 - 3.2. Where supplies are quoted which are subject to levying of any customs duty, ad valorem customs or excise duty or surcharge by the Department of

Customs and Excise, such charges must not be included by the bidder in the prices quoted. The applicable customs duty, ad valorem customs or excise duty or surcharge must, however, be indicated separately where provided for on Armscor's Questionnaire (KD18).

4. Security

4.1. Classified bids are to be handled in the manner set out in Armscor's Security Instruction, document number A-WI-014, copies of which are obtainable on request from the Contractor Security Section, P O Box 411, Pretoria, 0001.

4.2. Attention is drawn particularly to the procedure set out in chapter 4 of the manual, which is to be complied with when forwarding classified documents.

5. Advance payments

Bidders shall furnish the price without advance payment.

6. Performance Guarantee

Armscor reserves the right to request the successful bidders to submit a performance guarantee for the proposed contract. Bidders must submit prices without provision for the performance guarantee as well as prices including the cost of such a guarantee.

7. Commissions

If any commission is payable by yourself to any person(s) or body as a result of any order which may arise from this Request for Proposal, you must submit full details of the applicable person(s) or body and the amount payable, with these bids.

8. Compliance with Arms Control and Non-Proliferation requirements

Any bidder responding to this Request for Proposal (RFP) shall comply with the following when dealing with defence matériel:

8.1 All relevant South African legislation, including, but not restricted to, the following:

a) National Conventional Arms Control Act, Act No. 41 of 2002, and its implementing Regulations; and

b) Non-proliferation of Weapons of Mass Destruction Act, Act No. 87 of 1993, as amended, and its implementing Regulations.

8.2 Defence export legislation of supplier countries, i.e. countries from which defence matériel is exported to South Africa as well as countries of origin of the matériel.

8.3 It is the responsibility of the bidder to, when applicable, register with the Directorate Conventional Arms Control (DCAC), Defence Secretariat, in terms of section 13 of the National Conventional Arms Control Act and with the South African Council for the Non-Proliferation of Weapons of Mass Destruction Act.

8.4 If a contract with Armscor is being entered into, the Contractor shall comply with arms control and non-proliferation requirements as prescribed by the contract-

9. Submission of a NCACC Permit

9.1 In terms of the National Conventional Arms Control Act (Act No 41 of 2002, Chapter II, section 13), no person may trade in conventional arms, unless that person is:

- a) Registered with the National Conventional Arms Control Committee (NCACC).
- b) Is in possession of a permit authorised by the NCACC and issued by the Directorate Conventional Arms Control (DCAC).

NOTE: Local bidders who trade in Conventional Arms as set out above are required to submit a certified copy of a valid NCACC permit when submitting a bid.

10. Tax Compliance

The conditions detailed in the Instruction for Application for Tax Compliance (KD 25) must be adhered to. Armscor Suppliers /Bidders must remain tax compliant for the duration of their contracts.

11. Defence Industrial Participation and National Industrial Participation

11.1 The DIP value threshold of foreign content is based on:

Any single agreement of which the foreign content exceeds USD 2 million; Multiple main agreements concluded within two years of each other, within the framework of a specific project or across different projects, for same and or similar products or services, awarded to the same Seller of which the aggregate value of the foreign content exceeds USD 2 million; Extensions or amendments to the main agreement within the active life of the agreement, which result in the aggregate foreign content value of the project exceeding USD 2 million; Where multiple suppliers are used to address a single Defence Acquisition for the same products or services and the value of the foreign content, in total, exceeds USD 2 million, each supplier shall incur pro rata 50% of the total DIP obligation.

11.2 Where a contract to the value of the equivalent of USD10 000 000 or more, is placed on a foreign company, a minimum of 30 % National Industrial Participation (NIP) shall be part of the foreign company's contractual obligations, in addition to the 50 % DIP. This condition is also applicable to all contracts placed on a local company, subcontracting a single foreign company to the aforesaid value or more.

12. Local production and content for designated sectors

12.1 A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.

12.2 If there is no designated sector, Armscor may include as a specific condition of the bid, that only locally produced services or goods or locally manufactured goods with a stipulated minimum threshold for local production and content,

will be considered.

13. Awarding of Bids

The awarding of bids will be in terms of the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2022 and Preference Point System of the Preferential Procurement Regulations, 2022.

The applicable points are:

Price (Pp):	80 Points
Specific Goals:	20 Points
Total:	100 Points

The following formula must be used to calculate the points in respect of a bid up to a rand value of R 50 000 000, 00 (all applicable taxes included).

A maximum of 80 points is allocated for price on the following basis:

80/20

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where:

<i>P_s</i>	= Points scored for price of bid under consideration.
<i>P_t</i>	= Price of bid under consideration.
<i>P_{min}</i>	= Price of lowest acceptable bid.

14. Armscor reserves the right to:

- 14.1 not evaluate and award bids that do not comply strictly with this bid document.
- 14.2 make a selection solely on the information received in the bid and enter into negotiations with one or more of preferred bidder(s) based on the criteria specified in the evaluation of this bid.
- 14.3 contact any Bidder during the evaluation process, in order to clarify any information, without informing any other Bidders. During the evaluation process, no change in the content of the submitted bid shall be sought, offered or permitted.
- 14.4 award a contract to one or more Bidder(s).
- 14.5 accept any bid in part or full.
- 14.6 cancel this bid or any part thereof when necessary.

Should Bidder(s) be selected for further negotiations, they will be chosen on the basis of the greatest benefit to Armscor and not necessarily on the basis of the lowest costs

KD17 **BID NUMBER** : R&D/GER-2026/002
CLOSING AT 11:00 ON : 11 March 2026
VALIDITY PERIOD: 120 DAYS **NAME OF BIDDER** :

ITEM	DESCRIPTION	QTY	SUB-TOTAL
	Repair and Rehabilitation of Access Roads and Parking Areas at Gerotek Test Facilities as per the Bill of Quantities. <u>Transformation Requirements</u> Black Equity Ownership – 35% Applicable Subcontracting – Applicable Specific Goals applicable: Table 2: General Procurement Objective Criteria – not applicable		
	SUBTOTAL EXCLUDING VAT		
	VALUE ADDED TAX: @ 15%		
	TOTAL INCLUDING		
Attachments:			
<ul style="list-style-type: none"> • Bid Specification (RFB) • Scope of Work. • Bill of Quantities (BOQ) • Construction Industrial development Board (CIDB) 			

NOTE: TRANSFER THE TOTAL PRICING FROM SUMMARY PRICING SCHEDULE IN THE BOQ INTO THE KD17

1. Delivery address: Gerotek Test Facilities, WF Nkomo road, Pretoria West, Pretoria.....
 2. * Period required for commencement of delivery, after receipt of order: 30 Days
 3. * Rate of delivery:
 4. * Period required for completion of order, after receipt thereof: 12 months
- * Must be completed by Bidder if not completed by Armscor.

**ARMAMENTS CORPORATION OF SOUTH AFRICA LTD
(ARMSCOR)**

QUESTIONNAIRE

REPLIES

- 1. What is the request for bids number?
- 2. Confirm compliance to price basis.
- 3. Indicate which of the following applies:
 - 3.1 The prices are fixed.
 - 3.2 The prices are not fixed
- 4. The delivery period shall be fixed.
- 5. Are you the accredited agent in the RSA for the manufacturer of the supplies quoted by you? Yes No

WHERE SUPPLIES OFFERED ARE TO BE IMPORTED OR ARE OFFERED EX BONDED WAREHOUSE, THE ATTACHED SECURITY QUESTIONNAIRE (KD 22) MUST BE COMPLETED AND THE FOLLOWING QUESTIONS ANSWERED:

- 6. Is a special import permit required?
If not, state your imports permit number.
- 7. What are the names and addresses of your overseas suppliers? (Give particulars in KD 22)
.....
.....
.....
- 8. Foreign content:
 - 8.1 What amount in foreign currency must be remitted overseas?
.....
 - 8.2 What is the rate of exchange used in converting the ZAR1,00 = amount into SA Rand and the date on which this is based? DATE:

**ARMAMENTS CORPORATION OF SOUTH AFRICA LIMITED
(ARMSCOR)**

SECURITY QUESTIONNAIRE ON THE IMPORTED CONTENT OF BIDS

1. In all cases where the supplies quoted are imported (either in full or in part), bidders shall furnish the following particulars (if space is insufficient, use additional pages):

1.1 COUNTRY OF ORIGIN:

Item No(s).	Country
.....
.....
.....
.....

1.2 NAME OF MANUFACTURER(S)/SUPPLIER(S)/STOCKIST(S):

Item No(s).	Name
.....
.....
.....
.....

1.3 NAME OF INTERMEDIARY (IES) (WHEN THERE IS NO DIRECT CONTACT WITH THE FIRMS LISTED IN 1.2):

Item No(s).	Name
.....
.....
.....
.....

1.4 NAME OF AGENTS RESPONSIBLE FOR SHIPPING AND CLEARANCE:

Item No(s)	Name
.....
.....
.....
.....

1.5 NAME OF BANK ARRANGING TRANSFER OF FUNDS OVERSEAS:

Item No(s).	Name
.....
.....
.....
.....

1.6 IS AN END-USER CERTIFICATE REQUIRED? YES NO

If yes:- Item No. (s).

.....

.....

.....

.....

1.7 ARE THE ITEMS SUBJECT TO ANY SPECIAL EXPORT REQUIREMENTS?

YES NO

If Yes:-

Item No. (s)	Requirements
.....
.....
.....
.....

2. Failure to furnish the information requested may render the bid invalid.

.....

NAME

.....

DATE

.....

BIDDER'S SIGNATURE

BROAD-BASED BLACK ECONOMIC EMPOWERMENT**ACRONYMS AND ABBREVIATIONS**

B-BBEE	Broad-Based Black Economic Empowerment
CIPC	Companies and Intellectual Property Commission
COTS	Commercial Off-The-Shelf
EME	Exempted Micro Enterprises
MOTS	Military Off-The-Shelf
QSE	Qualifying Small Enterprises
SANAS	South African National Accreditations Systems

1 PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000

1.1 The following preference points will be awarded in terms of the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2022; Armscor Preference Point System of the Preferential Procurement Regulations, 2022.

1.2 The 80/20 preference point system is applicable to all bids with a Rand value of up to R50 000 000,00 (all applicable taxes included)

1.3 Preference points for this bid shall be awarded for:

Price: 80

Specific Goals: 20

Total points for Price and Specific Goals must not exceed: 100

1.4 Bidders who do not submit a valid proof as per paragraph 2.2 of KD24 (Principles) will score 0 points for Specific Goals.

2. ALLOCATION OF PREFERENCE POINTS FOR SPECIFIC GOALS

2.1 The preference points that will be awarded in terms of the Specific Goals with regards to procurement processes shall be as follows (one table will be applicable for each bid):

Table 2: Specific Goals for General Procurement

No	Specific Goals for General Procurement	Points for 80/20 PPS
RDP Programme: Promotion of SMMEs		
1	EME or QSE entities which are 100% owned by black people	20 points
2	EME or QSE entities which are at least 51% owned by black people	18 points
3	EME or QSE entities which are 35% owned by black people	16 points
4	EME or QSE entities which are 25% owned by black people	10 points
Total Points Per PPS		20 points

2.2 PRINCIPLES

2.2.1 Valid proof of B-BBEE status is either of the following:

- A) A B-BBEE sworn affidavit fully completed and
- B) Deposed and signed in the presence of the commissioner of oaths (certified true copy not acceptable)
- C) Does not contradict itself (% black ownership matches compliance level)
- D) Commissioner of oaths credentials and signature are reflected.
- E) A B-BBEE certificate issued by either the CIPC or a SANAS accredited verification agency.
- F) An entity submitting an unincorporated joint venture / consortium must attach a consolidated B-BBEE certificate in the name of the joint venture / consortium issued by a SANAS accredited verification agency.
- G) B-BBEE status must be based on the latest financial year-end information, otherwise it is invalid and unacceptable.

2.2.2 Local content and production

- A) The complete list of sectors and sub-sectors which are designated for local production with minimum local content threshold can be found on the website of the department of trade, industry & competition via the link below.

<http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/>

- B) The bidder shall submit with the bid documents a completed annexure c, d & e and an exemption letter from the DTIC.

2.2.3 Locality

- A) The bidder must submit the municipality bill/local councilor letter (must be not be older than 3 months).
- B) In an event where the bidder is the lessee, the municipality bill and the lease agreement must be submitted.
- C) In an event where the bidder owns the property, the municipality bill must be in the name of the owner of the property.

2.2.4 Sub-Contracting

- A) It is a requirement of Armscor that subcontracting must be considered by a bidder. Therefore, where a contract from r10 000 000 (million) and above is awarded, Armscor shall endeavour to advance designated groups where applicable.
- B) A bidder awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the bidder concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contracted activities or work.
- C) A bidder awarded a contract must obtain the approval of Armscor prior to any changes in the subcontracting arrangement.

2.2.5 Ownership

In accordance with the provisions of the defence sector code, it is a requirement of Armscor that all suppliers that do business with Armscor should achieve at least 35% black equity ownership and will be included as a bid condition where applicable.

2.2.6 Verification of bidders information

The Armscor Transformation Division reserves the right to require a bidder and/or its sub-contractor(s) to substantiate any claim at any stage in the bidding process to verify and confirm the specific goals claim of the bidder and/or its sub-contractor(s).

Fronting means a deliberate circumvention or attempted circumvention of the B-BBEE Act and the Codes. Fronting commonly involves reliance on data or claims of compliance based on misrepresentations of facts, whether made by the party claiming compliance or by any other person.

Kindly note that any misrepresentations of facts will lead to disqualification of bid and also further steps be taken to recover the loss where applicable and list the company and its directors in the list of restricted bidders from doing business with the State with National Treasury.

B-BBEE DECLARATION**1. Confirmation of the Bidder's Turnover**

Name of the Bidder		
Registration Number		
Financial Year End		
Turnover (As at the latest financial year end)	R	Period Starting (Day, Month, Year)
		Period Ending (Day, Month, Year)

2. Confirmation of Subcontractors involved in the execution of the order:

Bidder	% Black Ownership	B-BBEE Status	% Value to be Contracted
1.			
Subcontractors	% Black Ownership	B-BBEE Status	% Value to be Contracted
1.			
2.			
3.			

*Percentages of the bid value which will be subcontracted including main contractor must add up to 100%.

3. Confirmation of Suppliers involved in the execution of the order:

Supplier's name	% Black Ownership	B-BBEE status	% Value to be Supplied
1.			
2.			
3.			
4.			
5.			

I, the undersigned, am duly authorised to certify on behalf of the abovementioned entity that the information contained herein above is true and correct.

AUTHORISED SIGNATURE:

.....

.....

Date:

.....

Name in block letters

.....

Capacity

**DEFENCE SECTOR B-BBEE SWORN AFFIDAVIT – EXEMPTED MICRO
ENTERPRISE**

I, the undersigned,

Full name & Surname	
Identity number	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	
Nature of Business:	
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – (a) who are citizens of the Republic of South Africa by birth or descent; or (b) who became citizens of the Republic of South Africa by naturalisation- i. before 27 April 1994; or ii. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"

<p>Definition of "Black Designated Groups</p>	<p>"Black Designated Groups means: (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"</p>
---	--

3. I hereby declare under Oath that:

- a) The Enterprise has _____% Black Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- a) The Enterprise has _____% Black Female Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- b) The Enterprise has _____% Black Designated Group Beneficiaries as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- c) Black Designated Group Owned % Breakdown as per the definition stated above:
 - i) Black Youth % = _____%
 - ii) Black people living with disabilities % = _____%
 - iii) Black Unemployed % = _____%
 - iv) Black People living in Rural areas % = _____%
 - v) Black Military Veterans % = _____%
- d) Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, the annual Total Revenue was R5,000,000.00 (Five Million Rands) or less.

DEFENCE SECTOR B-BBEE SWORN AFFIDAVIT – QUALIFYING SMALL ENTERPRISE

I, the undersigned,

Full name & Surname	
Identity number	

Hereby declare under oath as follows:

- The contents of this statement are to the best of my knowledge a true reflection of the facts.
- I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	
Nature of Business:	
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – (a) who are citizens of the Republic of South Africa by birth or descent; or (b) who became citizens of the Republic of South Africa by naturalisation- i. before 27 April 1994; or ii. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"
Definition of "Black Designated Groups"	"Black Designated Groups means: (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined

	in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"
--	---

Issued in terms of the Defence Sector Code (Gazette 42391 - 12 April 2019)

3. I hereby declare under Oath that:

- a) The Enterprise has _____% Black Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- e) The Enterprise has _____% Black Female Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- f) The Enterprise has _____% Black Designated Group Beneficiaries as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- g) Black Designated Group Owned % Breakdown as per the definition stated above:
 - i) Black Youth % = _____%
 - ii) Black people living with disabilities % = _____%
 - iii) Black Unemployed % = _____%
 - iv) Black People living in Rural areas % = _____%
 - v) Black Military Veterans % = _____%
- h) Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, the annual Total Revenue was between R5,000,000.00 (Five Million Rands) to R50,000,000.00 (Fifty Million Rands)

Please confirm on the table below the B-BBEE level contributor, by ticking the applicable box.

100% Black Owned	Level One (135% B-BBEE procurement recognition)	<input type="checkbox"/>
At Least 51% Black Owned	Level Two (125% B-BBEE procurement recognition)	<input type="checkbox"/>

4. I know and understand the contents of this affidavit and I have no objection to

take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.

- 5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Commissioner of Oaths	Deponent
Credentials and Signature	
	Signature
Date	Date

Issued in terms of the Defence Sector Code (Gazette 42391 - 12 April 2019)

SARS: TAX COMPLIANCE STATUS

NOTE: It is a condition of bids that the successful bidder **MUST** be tax compliant, or that satisfactory arrangements have been made with the South African Revenue Service (SARS) to meet the bidder's tax obligations. **FOREIGN COMPANIES ARE REQUIRED TO COMPLETE QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS OF ANNEXURE 1 TO KD25.**

1. In order to meet this requirement the bidder is required to access SARS e-filing and complete the SARS ONLINE "SARS tax compliance status" under tax status. Tax compliance requirements are also applicable to individuals who wish to submit bids.
2. SARS will then furnish the bidder with a Tax compliance PIN code that will be valid for a period of 1 (one) year from the date of approval.
3. The Tax compliance PIN letter shall be submitted with the bids, with an authorisation letter for Armscor to use the PIN code for verification of tax compliance status of the bidder.
4. In bids where Consortia /Joint Ventures / are involved, each party must submit a separate tax compliance PIN with authorisation letter.
5. In the event of subcontracting, tax compliance PIN letter and authorisation letter for the subcontractor must also be submitted with the bids.
6. Tax compliance is done via e-filing on the SARS website www.sars.gov.za.

NOTE: Armscor Suppliers/ Bidders and Subcontractors must remain tax compliant for the duration of their contracts.

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF ARMSCOR

BID NUMBER:	RFB No: R&D/GER-2026/002	CLOSING DATE:	11 MARCH 2026	CLOSING TIME:	11:00
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DESCRIPTION	REPAIR AND REHABILITATION OF THE ACCESS ROADS AT THE GEROTEK TEST FACILITIES
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BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT :

ARMSCOR BID BOX VISITORS ENTRANCE (BLOCK 8),
370 NOSSOB STREET,

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO	TECHNICAL ENQUIRIES MAY BE DIRECTED TO:
--	---

CONTACT PERSON	Ms M Mphela	CONTACT PERSON	Ms M Mphela
TELEPHONE NUMBER		TELEPHONE NUMBER	
FACSIMILE NUMBER	N/A	FACSIMILE NUMBER	N/A
E-MAIL ADDRESS	abtenders@armscor.co.za	E-MAIL ADDRESS	abtenders@armscor.co.za

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			

SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:	OR	CENTRAL SUPPLIER DATABASE No:	MAAA
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B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No
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[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?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--	--	--

QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> 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 BELOW.

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 IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, 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 VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / 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.
2.7	NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

DATE:

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

3. BIDDER'S DECLARATION

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? YES NO

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? YES NO

2.2.1 If so, furnish particulars:

.....
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? YES NO

2.3.1 If so, furnish particulars:

.....
.....

4. DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the

2. Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

ARMAMENTS CORPORATION OF SOUTH AFRICA LIMITED (ARMSCOR)

INTELLECTUAL PROPERTY REQUIREMENTS

1. INTRODUCTION

4.1 What is Intellectual Property?

Intellectual Property (or "IP") means the result or outcome of human creative effort as typically, but not exclusively, manifested and embodied in or taking the form of data items or documents.

IP typically includes design and mental activities, e.g.:

- a) Bills of Material (BOM's)
- b) Instructions,
- c) Reports,
- d) Specifications,
- e) Interface designs,
- f) Manufacturing processes,
- g) Material Specifications,
- h) Processes,
- i) Product designs,
- j) Re-engineering (maintenance/obsolescence),
- k) Software,
- l) Algorithms,
- m) Source Codes,
- n) System/integration designs,
- o) Test and Evaluation Methods, etc.

IP typically excludes Project Management activities and Hardware created/built according to a design or following a "recipe".

4.2 How is IP manifested?

IP is typically manifested and embodied in Data Items or Documents.

"Data items or Documents" means any recorded information, however recorded, including but not limited to books, manuscripts, reports, studies, algorithms, computer software, invention descriptions, registered patents, drawings, designs, plans, analyses, calculations, standards, data packs, process documents, instructions, specifications, mathematical or simulation models, compositions, photographs, video recordings, audio recordings, reports, holographic recordings, trademarks, graphical images, etc.

NOTE:

- The document itself is not IP
- The contents of a document represent IP
- The document becomes the tangible and recordable carrier of IP

4.3 What is Background IP?

For definition, refer to A-STD-0020 "Armcor General Conditions of Contract". "Background IP" belongs to a contractor because he fully paid for the generation thereof or had bought it at his own cost, which may be used or serve as a basis from which to develop new Foreground IP.

4.4 What is Historic IP?

"Historic IP" is existing IP which was created previously, and which may serve as a basis from which to develop new Foreground IP.

4.5 What is Foreground IP?

For definition, refer to A-STD-0020 "Armcor General Conditions of Contract". "Foreground IP" is new intellectual property that is created during the execution of the order.

4.6 When is IP Shared or Jointly Owned or Co-owned?

For the definition, refer to A-STD-0020 "Armcor General Conditions of Contract".

"Shared" or "Jointly Owned" or "Co-owned" IP is IP which belongs to both the DOD and a contractor, because both contributed to the cost of generation thereof. Ownership is typically (and preferably) proportional to contribution.

Historic and Foreground IP may be either

- a) Wholly owned by the DOD; or
- b) Shared or Jointly Owned or Co-owned between DOD or the contractor

5. IP RECORDAL REQUIREMENTS

It is a requirement that prospective suppliers provide all information about applicable Intellectual Property (IP) to the bid. Armcor will record the information on their IP System that will generate a Statement of IP which will be appended to the order. The Statement of IP will serve as a contractual agreement between Armcor and the contractor in so far as IP related matters are concerned.

The recordal requirements are further described herein and broken down to an appropriate level, as follows:

5.1 Background IP Utilised

For each Background IP Item that will be modified or utilised to generate Foreground IP in the execution of the quoted scope of work, provide the following details:

- a) Short IP description
- b) Original Supplier
- c) Cost of Establishment (If available)

5.2 Historic IP Utilised

For each Historical IP item that will be modified or is required as a prerequisite in the execution of the quoted scope of work, provide the following details:

- a) Armscor IP Number (if available)
- b) Short IP description
- c) The next information is to be provided per order, on which Historic IP was established:
 - i) Order Number on which Historic IP was generated
 - ii) Master record index (MRI) reference
 - iii) Original Supplier
 - iv) Cost of Establishment
 - v) Percentage Ownership (DOD)
 - vi) Associated Milestone / Line item on the order under which the IP was established

5.3 Foreground IP to be generated

For each new Foreground IP item that will be generated in the execution of the quoted scope of work, provide the following details:

- a) IP number of Historic IP, if IP is enhanced (modified/improved/upgraded).
- b) Short IP description
- c) Master record index (MRI) reference with version and date
- d) Original Supplier
- e) Cost of Establishment
- f) Percentage Ownership (DOD)
- g) Associated Milestone / Line item on the order under which the IP will be established.

NOTE: 1 The cost of establishment has always been included in item/milestone prices of order, and will continue to be so included, but will in future become visible by being shown separately in the Statement of IP appended to orders in order to proper manage such IP;

NOTE: 2 To facilitate the easy and correct recording of IP, bidders and contractors will be required to utilise the specially constructed spread sheet

from Armscor's web site. After completion, the spreadsheet must be printed and attached to the bid, which will thus form an integral part of the bid.

6. SAFEGUARDING OF IP

6.1 IP Agreement

The IP agreement which will be embodied in the Statement of IP will be concluded with the main contractor in the name of the main contractor and will apply to the creating sub-contractor(s), who will remain the design authority for his particular IP.

6.2 Management and Safeguarding of IP

The main contractor will be responsible for the management of IP he generated during the execution of the order, as well as the management of IP generated by his sub-contractors. Upon completion of the project or order, the relevant IP will be formally transferred to the main contractor, who will then be responsible for the continued management of such IP.

The main contractor will be responsible for proper safeguarding and configuration control of IP, including off-site back-ups, as further described in various other Armscor documents, e.g. A-STD-0020 "Armscor General Conditions of Contract, K-STD-61 "Armscor Standard for Technical Contract Conditions", A-WI-014 "Armscor Security Instruction" and other documents that may be applicable.

6.3 IP Delivery

Notwithstanding 3.2 above, upon completion of the order, the main contractor will deliver all data items or documents relating to the IP generated during the execution of the order to Armscor ADAC Department.

6.4 IP Audits

Armscor is by law required to conduct an IP or intangible asset audit of all existing DOD IP every financial year. The main contractor will cooperate with Armscor's Intellectual Property Management Division and the Auditor General during the audit period and will make available all relevant information required to conduct the audit.

7. COMPLETION OF THE IP INFORMATION BY MEANS OF THE ELECTRONIC FORM

7.1 Background

The electronic form of the KD27 IP Information.xlsx is available as a Microsoft Excel workbook on the Armscor website

(www.armscor.co.za/Downloads/Download.asp) and must be used as template to provide the relevant IP information.

The workbook consists of the following three spreadsheets:

- a) "Background IP" provides a form to capture all background IP information
- b) "Historic IP" provides a form to capture all historic IP information.
- c) "Foreground IP" provides a form to capture all foreground IP information.

7.2 Electronic Form Definitions

The column definitions as provided in the forms are as follows:

IP Description	An abridged description of the IP Item.
Original Supplier	The name of the supplier at which the IP item exists or was established.
Establishment Cost	The amount paid by Armscor to establish the IP Item (including VAT).
MRI Reference	The Master Record Index (MRI) or other document reference that uniquely describe the IP.
DOD Shareholding	The percentage of the IP that belongs to the DOD through Armscor
Associated Milestone/Item	The contractual milestone or item, which when completed, will define the point in time at which the IP will be established.

8. INTELLECTUAL PROPERTY QUESTIONNAIRE

I/We, the undersigned, who warrant that I/we am/are duly authorised to do so on behalf of the firm certify that the following information is correct and complete in terms of Intellectual Property relevant to the offered scope of work. (Please mark the relevant answer)

Will Background IP be applicable during the execution of the quoted scope of work? Yes No

If yes, state particulars by completing the 'Background IP' worksheet. Indicate each IP item as a separate line.

Will Historic IP be utilised and/or is it required as a prerequisite to execute the quoted scope of work? Yes No

If yes, state particulars by completing the 'Historic IP' worksheet for each IP item. Indicate each IP item as a separate line;

Will any of these Historic IP items be enhanced during the execution of the quoted scope of work? Yes No

If yes, also complete the 'Foreground IP' worksheet for those IP items

Will new Foreground IP be generated during the execution of the quoted scope of work? Yes No

If yes, state particulars by completing the 'Foreground IP' worksheet for each IP item. Indicate each IP item as a separate line.

This completed form, along with all additional information, as requested above where relevant, populated on the KD27 Spreadsheet, have to be attached to the bid.

WITNESSES:

1 _____

2 _____

SIGNATURES OF BIDDER(S)

DATE: _____

ADDRESS: _____

BID SPECIFICATION DOCUMENT

PAGE 1-12



ARMSCOR
Armaments Corporation of South Africa Ltd

**BID SPECIFICATIONS DOCUMENT FOR REPAIR AND
REHABILITATION OF ACCESS ROADS AND PARKING AREAS
AT GEROTEK TEST FACILITIES – R&D/GER-2026-002**

FILE NO. : R&D/GER-2026-002

ISSUE : VERSION 1

DATE : 04 February 2026

1. SCOPE

- 1.1. Gerotek Test Facility, a subsidiary of Armscor SOC, is an internationally accredited multi-disciplinary facility offering various accredited tests, training and corporate events. The Access roads leading to the facilities are characterised by dry and brittle road surface, block cracking reflecting through the surface and isolated potholes and base failures.

The scope of work involves a diverse set of activities aimed at upgrading these access roads. These include saw cutting existing asphalt and pavement layers, treating tree roots with chemical herbicide, and excavating and removing existing pavement material. Additionally, the project includes crack sealing, priming or tacking the cement-treated subbase for curing, constructing a 150mm Emulsion Treated Base (ETB) layer, and laying a 35mm Asphalt Surfacing (AC) layer.

The scope also includes constructing a new cape-seal using either 14mm S-R1 or S-E1 seal & slurry, painting new road markings, installing road studs, and erecting regulatory, warning, and information signboards. For new areas, tasks include constructing kerb and channel stormwater drains, sub-base construction in proposed parking zones, installing segmental block paving, and placing new guardrails.

Refer to the Bill of Quantities for detailed quantities and measurements.

2. APPLICABLE DOCUMENTS

- 2.1 User Requirement Specification for the repair and reseal of the access roads at Gerotek Test Facilities, dated 17 November 2025.
- 2.2 A-DOC-9046: Terms of Reference for the Bid Specification Committee, Issue 02, dated 03 December 2024.
- 2.3 A-PROC-9053: Supplier Sourcing Procedure. Competitive bids. Issue 02, dated 11 August 2025.
- 2.4 Preferential Procurement Policy Framework Act No. 5 of 2000: Preferential Procurement Regulations, 2022.
- 2.5 A-POL-9040: Supply Chain Management Policy, Issue 03, dated 27 January 2025.
- 2.6 Engineering report for the repair and reseal of the access roads at Gerotek Test Facilities dated, 07 December 2023.
- 2.7 A-PRAC- 4011: Practice for Transformation In Armscor Issue 008, dated 29 November 2023.
- 2.8 The Standard for Uniformity, published by Construction Industry Development Board in August 2019.
- 2.9 A-POL-9009: SCM Preferential Procurement Policy, Issue 001, dated 01 August 2025.
- 2.10 The COTO Standard Specifications for Road and Bridge Works for South African Road Authorities (Draft Standard October 2020 edition), issued by the Committee of Transport Officials.
- 2.11 The Conditions of Contract for Construction for Building and Engineering Works Designed by the Employer (1999), published by the Federation Internationale des Ingenieurs-Conseils (FIDIC)

RESPONSIBILITY

2.12 The BSC committee shall ensure that they exercise their responsibility as described in A-DOC-9046.

3. OATH OF NON-DISCLOSURE

3.1 All persons involved in the criteria selection panel shall complete Declaration Form A-FORM-9014.

4. POTENTIAL CONTRACTOR

4.1 This is a competitive bidding sourcing strategy.

5. ADVERTISING PERIOD

5.1 The advertising period will be 21 days

6. BID VALIDITY PERIOD

6.1 The period for which the bid is to be held valid and binding is 120 days. The 120 days shall be calculated from the closing date.

7. BID EVALUATION PROCESS

Each received bid will be evaluated in 4-stages:

STAGE 1	Mandatory Criteria
STAGE 2	Preference Point System: 80 (Price) / 20 (Specific goals)
STAGE 3	Special Contract Conditions
STAGE 4	Special Requirements

8.1. STAGE 1: MANDATORY CRITERIA

8.1.1. Each bid will be assessed against the mandatory criteria requirements.

8.1.2. Should any bid fail to comply with any one of the mandatory criteria, the bid will be eliminated from further evaluation process.

8.1.3. There are Six (06) mandatory criteria as set in the below table 2.

RESTRICTED

Table 1: Mandatory Criteria

Criteria No.	Criteria Description	Compliance Evidence
1	The bidder shall attend the compulsory bidders briefing session and the compulsory site visit.	The bidder's representative shall sign both attendance registers on the day of the bidder's briefing session and the site visit.
2	The bidder shall have a valid Construction Industry Development Board (CIDB) contractor grading designation of at least 6SB or 6CE or Higher.	The bidder shall submit with the bid, proof of valid CIDB registration confirming a grading designation of at least 6SB or 6CE or Higher. If the bidding entity is a Joint Venture, unincorporated Joint Venture (JV) or Consortium then the bidder shall submit with the bid a valid combined CIDB registration certificate indicating the grading designation of at least 6SB or 6CE or higher, determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations.
3	The bidder shall have successfully completed at least two (2) projects with a scope covering any of the following: a) Construction of a Road or Pavement b) Rehabilitation of a Road or Pavement c) Resurfacing of a Road or Pavement The projects must have been executed either on a) Asphalt b) Tar, or c) Concrete surfaces.	The bidder shall submit with the bid document at least two (02) contactable reference letters from their client where the bidder completed any project with the scope covering any of the following: <ul style="list-style-type: none"> • Construction of a Road or Pavement • Rehabilitation of a Road or Pavement • Resurfacing of a Road or Pavement The projects must have been executed either on a) Asphalt b) Tar, or c) Concrete surfaces.

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Each reference letter must be on the client's letterhead and entail the following details:

- Name of the bidder.
- Project Description and make reference to:
 - a) Construction of the Road or Pavement
 - b) Rehabilitation of the Road or Pavement
 - c) Resurfacing of the Road or Pavement

On either

- a) Asphalt
- b) Tar, or
- c) Concrete surfaces.
- Project Value.
- Completion Date.
- Name and contact details of the client.
- Signature of the client.

Armscor reserves the right to verify the legitimacy of the letter submitted. bidders must submit, with the tender document, 2 reference letters or questionnaires to which the abovementioned Experience have been provided. These references letters or questionnaires must be current/most recent, relevant and related to the Experience submitted. The letters must not be older than five (5) years. It is the bidders' responsibility to ensure that the details provided are correct, before submitting tender, and that the references will be available and be able to provide additional feedback, if necessary. If the references are unable to validate, verify or provide additional information on the projects, that particular reference will not be accepted.

RESTRICTED

4	<p>The bidder shall allocate a Construction Manager who holds a valid professional registration with either of the following:</p> <p>i) The Engineering Council of South Africa (ECSA), or an equivalent international body recognised by ECSA, as a Professional Engineer or Professional Technologist.</p> <p>OR</p> <p>ii) The South African Council for the Project and Construction Management Professions (SACPCMP) as a Professional Construction Manager (PrCM).</p>	<p>The bidder shall submit, with the bid, a valid professional registration certificate or confirmation letter as follows:</p> <p>i) A Professional Engineer or Professional Technologist certificate or letter issued by ECSA, or an equivalent certificate from an international body recognised by ECSA,</p> <p>OR</p> <p>ii) A Professional Construction Manager registration certificate or letter confirming registration as a Professional Construction Manager (PrCM), issued by SACPCMP.</p>
5	<p>The bidder shall allocate a Safety Officer registered with the SACPCMP as a Construction Health and Safety Officer or Construction Health and Safety Manager or Professional Construction Health and Safety Agent.</p>	<p>The bidder shall submit with the bid, a copy of their valid SACPCMP registration certificate or letter confirming registration as a Construction Health and Safety Officer or Construction Health and Safety Manager or Professional Construction Health and Safety Agent.</p>

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8.2. STAGE 2: Preference Point System 80 (Price) & 20(Specific Goals)

- 8.2.1. Each bid that complies with the above set of mandatory criteria shall be further evaluated in terms of the 80/20.
- 8.2.2. Bidders must complete the Bill of Quantities (BOQ) in full. **In the event where a bidder is not pricing for a line item in the BOQ, the bidder must provide a zero-rand rate for the unquoted item. This is to ensure that the bidder has accounted for each item on the BOQ.**
- 8.2.3. The subtotal on the BOQ must be transferred to the KD17.
- 8.2.4. The price points allocation will be based on the TOTAL PRICE indicated in the KD17 including VAT.
- 8.2.5. The specific goal points will be added together with price points to determine total PPS points.
- 8.2.6. Each bid will be assessed against the specific goals using the criteria set out under the specific goals listed in the below Table 2.
- 8.2.7. The total points to be allocated for specific goals shall be 20 points.
- 8.2.8. Any bid with evidence documents that are not authentic will be scored zero out of the 20 points for specific goals.
- 8.2.9. All bids with authentic evidence documentation will be allocated points according to the criteria listed in the below table.

Table 2: Specific Goals for General Procurement

No	Specific Goals for General Procurement	Points for 80/20 PPS
RDP Programme: Promotion of SMMEs		
1	EME or QSE entities which are 100% owned by black people	20 points
2	EME or QSE entities which are at least 51% owned by black people	18 points
3	EME or QSE entities which are 35% owned by black people	16 points
4	EME or QSE entities which are 25% owned by black people	10 points
Total Points Per PPS		20 points

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8.2.9.1. PRINCIPLES

8.2.9.1.1. Valid proof of B-BBEE status is either of the following:

- a. A B-BBEE Sworn Affidavit fully completed and
- b. Deposed and signed in the presence of the Commissioner of Oaths (Certified true copy not acceptable).
- c. Does not contradict itself (% black ownership matches compliance level).
- d. Commissioner of Oaths credentials and signature are reflected.
- e. A B-BBEE Certificate issued by either the CIPC or a SANAS Accredited Verification Agency.
- f. An entity submitting an unincorporated Joint Venture / Consortium must attach a Consolidated B-BBEE Certificate in the name of the Joint Venture / Consortium issued by a SANAS accredited Verification Agency.
- g. B-BBEE status must be based on the latest financial year-end information, otherwise it is invalid and unacceptable.

8.2.9.1.2. Local content and production

- a. The complete list of sectors and sub-sectors which are designated for local production with minimum local content threshold can be found on the website of the department of trade, industry & competition via the link below.
<http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/>
- b. The bidder shall submit with the bid documents a completed annexure c, d & e and an exemption letter from the DTIC and a letter from the manufacturer.

8.2.9.1.3. Locality

- a. The bidder must submit the municipality bill/local councillor letter (must be not be older than 3 months).
- b. In an event where the bidder is the lessee, the municipality bill and the lease agreement must be submitted.
- c. In an event where the bidder owns the property, the municipality bill must be in the name of the owner of the property.

8.2.9.1.4. Verification of bidder's information

Armscor reserves the right to require a bidder and/or its sub contractor(s) to substantiate any claim at any stage in the bidding process to verify and confirm the specific goals claim of the bidder and/or its sub-contractor(s).

8.3. STAGE 3: Special Contract Conditions

- 8.3.1.** A bid that will emerge as preferred bidder after the PPS stage above will be subjected to further assessment under the special contract conditions stage.
- 8.3.2.** Should the bid fail to comply with any of the special conditions listed, the bidder will be afforded 14 days to submit the required evidence failing of which the bid will not be eligible for award.
- 8.3.3.** The bid may only be awarded to a preferred bid that complies with all the Special Conditions.

A) Security Clearance of company and staff

The preferred bidder will undergo Facility Security Clearance (FSC) process and obtain a RESTRICTED Facility Security Clearance (FSC) in case the facility complies with the security clearance requirements as per Armscor Security Instruction (A-WI-014) and Armscor General Conditions of Contract (A-STD-0020),

All resources that will be working on the project or access Gerotek Facility, must complete and submit Security Clearance forms and be subjected to the Personnel Evaluation Security Investigation (PES) process before commencement with the project.

No foreign nationals will be allowed to access the facility and or work on the Projects.

All employees of the said supplier must sign the Non-Disclosure -Agreement (NDA) forms before entering the Gerotek Test Facility.

The order must be issued subject to the positive Facility Security Clearance and PESI results as issued by Armscor Vetting Division.

B) Public Liability Insurance

The preferred bidder is required to have proof of current public liability insurance of at least R10 000 000, 00. The preferred bidder must submit proof within 14 working days of the award.

C) Project Schedule

The preferred bidder shall submit a project schedule with an execution plan within 14 days from date of award or as agreed with Gerotek.

D) Safety File

The preferred bidder shall submit a safety file before commencement of the Works.

E) Quality Management Plan

Prior to commencing with any permanent works, the preferred bidder shall submit an updated Quality Management Plan, for acceptance by the Engineer, detailing all checks and hold points relating to the execution of the scope of works.

F) Compensation for Occupational Injuries and Diseases Act (COIDA)

The preferred bidder must submit a valid COIDA certificate with the nature of business in Class V.

8.4. STAGE 4: SPECIAL REQUIREMENTS

8.4.1. Special requirement will be negotiated with the preferred bidder and the bidder will not be disqualified.

8.4.1.1. Black Equity Ownership

In accordance with the provisions of the defence sector code, it is a requirement of Armscor that all suppliers that do business with Armscor should achieve at least 35% black equity ownership and will be included as a bid condition where applicable.

Evidence Required

The bidder shall submit a valid BBBEE certificate (BBBEE certificate issued by SANAS accredited verification agency), or CIPC BBBEE certificate or a completed BBBEE Sworn Affidavit as proof of compliance.

For Joint Ventures: if a bidder is a Joint Venture (JV) or Consortium, the bidder shall submit with the bid, a consolidated proof of BBBEE status.

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8.4.1.2. 30% Sub-Contracting

Bidders are required to sub-contract 30% of the value of the contract to any of the following entities, which are at least 51% black owned:

- EMEs or QSEs owned by Black people
- EMEs or QSEs owned by military veterans
- EMEs or QSEs owned by female(s)
- EMEs or QSEs owned by youth
- EMEs or QSEs owned by people living with disabilities

Evidence Required:

The Bidder should submit with the Bid, the BBBEE Certificate (BBBEE certificate issued by SANAS accredited verification agency), CIPC BBBEE certificate and or a completed BBBEE Sworn Affidavit as a proof of compliance for all sub-contractors. The list of sub-contractors should indicate the percentage of the value of the contract allocated to each sub-contractor including the total percentage of sub-contracting.

8.4.1.3. The allocated Construction Manager shall have experience in the road Construction industry post professional registration as a Construction Manager being responsible for a project.

Evidence Required

The bidder shall submit with the bid the fully completed FORM 1 demonstrating the required experience in the road construction industry as a Construction Manager.

FORM 1: EXPERIENCE OF THE CONSTRUCTION MANAGER

NAME OF CONSTRUCTION MANAGER:

NUMBER OF YEARS AS ROAD CONSTRUCTION MANAGER:

List all projects completed in the road construction industry demonstrating the required relevant experience.

CLIENT	DESCRIPTION OF PROJECT	PROJECT START DATE	PROJECT END DATE	POSITION HELD IN THE PROJECT	WERE YOU THE RESPONSIBLE CONSTRUCTION MANAGER (YES/NO)	NAME AND CONTACT DETAILS OF THE CLIENT

*The bidder may attach additional pages if the space provided is insufficient to fully convey the required information.

I confirm that the information provided herein is true, that the projects reported, and the corresponding responsibilities are truly the experiences of the bidding company's Construction Manager for this project.

Name of duly authorised representative of the bidder:

Signature: Date:

SCOPE OF WORKS

PAGE 1-56

PART C3: SCOPE OF WORKS

PART C3: SCOPE OF WORKS

TABLE OF CONTENTS

PAGE

PART C3:	SCOPE OF WORKS	1
COTO CHAPTER 2:	SERVICES	6
COTO CHAPTER 4:	EARTHWORKS AND PAVEMENT LAYERS: MATERIALS	7
COTO CHAPTER 7:	MAINTENANCE AND REPAIR OF CONCRETE LAYERS	10
COTO CHAPTER 9:	ASPHALT LAYERS	11
COTO CHAPTER 10:	SURFACE TREATMENTS	12
COTO CHAPTER 20:	QUALITY ASSURANCE	13
SECTION B:	SPECIFICATION DATA	14
COTO CHAPTER 1:	GENERAL	15
COTO CHAPTER 2:	SERVICES	18
COTO CHAPTER 3:	DRAINAGE	24
COTO CHAPTER 4:	EARTHWORKS AND PAVEMENT LAYERS: MATERIALS	25
COTO CHAPTER 5:	EARTHWORKS AND PAVEMENT LAYERS: CONSTRUCTION	27
COTO CHAPTER 7:	MAINTENANCE AND REPAIR OF CONCRETE LAYERS	34
COTO CHAPTER 8:	PRETREATMENT AND REPAIR OF EXISTING LAYERS	38
COTO CHAPTER 9:	ASPHALT LAYERS	40
COTO CHAPTER 10:	SURFACE TREATMENTS	42
COTO CHAPTER 11:	ANCILLARY ROAD WORKS	43
COTO CHAPTER 20:	QUALITY ASSURANCE	45
PART C4:	PROJECT INFORMATION	46
C4.1	DESCRIPTION OF THE WORKS	49
C4.2	DRAWINGS	54
C4.4	CONSTRUCTION IN CONFINED AREAS	54
C4.6	TRAFFIC	54
C4.8	CLIMATE	54

COTO CHAPTER 1: GENERAL

SECTION 1.1: GENERAL PREAMBLE

PART C: MEASUREMENT AND PAYMENT

C1.1.3 PAYMENT

C1.1.3.5 Payment for materials on the Site

In the last sentence of the 1st paragraph, delete the following:

" , or, in the case of crushed stone which has not been purchased but has been produced on the site, at 80% of a fair evaluation of such crushed material".

Add the following new subclauses:

"C1.1.3.9 Reduced payments for substandard work

Where provision for reduced payments for sub-standard work is made in the Contract Documentation, acceptance of reduce payment for substandard work may be accepted by the Engineer subject to prior approval by the Employer.

SECTION 1.2: GENERAL REQUIREMENTS AND PROVISIONS

PART A: SPECIFICATIONS

A1.2.3 GENERAL

"A1.2.3.24 Reference Manuals, other specifications and test methods:

In various chapters of this Standard Specification, reference is made to Manuals, other specifications and test methods. If not otherwise indicated in the Contract Documentation, the latest published Manual, other specification and test methods at time of close of tender will apply. Any changes to be implemented on a project as a result of revisions to manuals, other specifications and test methods, will be handled in terms of the Conditions of Contract.

Certain TRH and TMH documents are published as Manuals/TRH or Manuals/TMH publications. Where reference is made to the TRH or TMH document, it shall be read as referring to the latest version of the Manual/TRH publication or Manual/TMH publication, respectively."

A1.2.7 EXECUTION OF THE WORKS

A1.2.7.1 Programme of work

a) General

Add the following new paragraphs:

"The contractor shall note that the examination of a road with a view to rehabilitation is normally undertaken a considerable period of time before the commencement of the contract, and that conditions may subsequently change. The engineer will make further examinations during the period of contract, and, depending on the results of such examinations, the quantities of any items of work may be drastically increased or decreased.

The contractor shall base his initial programme for road rehabilitation on the scope of the work as described in the project specifications on the quantities contained in the Pricing Schedule (Part C2)."

PART C: MEASUREMENT AND PAYMENT

Add the following new pay items:

"Item	Unit
C1.2.11 Quality Control Engineer	Provisional sum

The provisional sum allowed under item C1.2.11 shall be used to pay the actual cost of appointing an independent Quality Engineer to assess the construction works for quality assurance purposes. The quality engineer must be present during the construction of trial sections and shall also inspect the quality of work to ensure that the specifications of the respective works are met.

Item	Unit
C1.2.12 Additional work ordered by the Engineer	Provisional sum

The provisional sum allowed under item C1.2.3.12 shall provide for all work carried out by the Contractor as ordered by the Engineer. The provisional sum shall be paid in accordance with the provisions of the Contract Documentation. Where applicable existing contract rates or accepted day work rates will be used.

C1.2.13 Handling cost, profit and all other charges in respect of item C1.2.12	Percentage (%)
---	----------------

The percentage under item C1.2.13 is a percentage of the amount spent under item C1.2.12 which shall include full compensation for all handling costs, profit and all other charges in connection with arranging and carrying out the work."

SECTION 1.3: CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS

PART C: MEASUREMENT AND PAYMENT

Item	Unit
C1.3.1 The Contractor's general obligations	

Delete subitem C1.3.1.3 and replace with the following:

"C1.3.1.3	Time related obligations:	
	a) Execution of the works	month"

Under the heading "Item C1.3.1.3", delete the 2nd paragraph and replace with the following:

"The contract rate shall include full compensation for that part of the Contractor's general obligations which are mainly a function of construction time. For item C1.3.1.3(b) the contract rate will be paid monthly, until the end of the original Contract Period specified for completion of the Works."

COTO CHAPTER 2:SERVICES

SECTION 2.1: GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES

PART A: SPECIFICATION

A2.1.3 GENERAL

A2.1.3.2 Location, identification, protection and relocation of existing services

b) Location of existing services

The contractor shall make sure that he identifies existing services to avoid damages to these services, payments for this activity will be made under item C2.1.1

COTO CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS

COTO CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS

SECTION 4.1: BORROW MATERIALS

PART A: SPECIFICATIONS

PART C: MEASUREMENT AND PAYMENT

Item	Description	Unit
C4.1.21	Stockpiling the crushed material	

Replace the second, last and last paragraph with the following:

"The tendered rate for item C4.1.21 shall include full compensation for loading the material at the site of works, for off-loading at the stockpile site, spreading, and maintaining the material in the stockpile.

Haul shall be measured from the point where the material is excavated to the stockpile site."

SECTION 4.3: EXISTING ROAD MATERIALS

PART A: SPECIFICATIONS

A4.3.7.6 REMOVAL OF ASPHALT MATERIAL

Replace the second paragraph with the following:

"Where only part of the asphalt is to be milled off, the area to be milled shall be demarcated and the milling depth shall be specified. Milling shall not deviate from the specified widths by more than -20mm (narrower) and +20mm (wider). The milling depth shall not deviate by more than 5mm."

PART C: MEASUREMENT AND PAYMENT

Item	Description	Unit
C4.3.4	Saw-cutting existing materials within the following average depth ranges:	

Replace items "C4.3.4.1 Asphalt material", and "C4.3.4.2 Crushed stone and gravel material" with:

"C4.3.4.1	Asphalt, crushed stone, and gravel material	
(a)	Up to 50mm	metre (m)
(b)	Exceeding 50mm and up to 100mm	metre (m)

Replace the last paragraph of the payment description starting with "Where asphalt and ..." with the following:

"No distinction shall be made between the saw cutting of asphalt material, crushed stone material and/or gravel material"

Item	Description	Unit
-------------	--------------------	-------------

C4.3.7 Milling and removal of existing asphalt layers with an average milling depth (Employer takes ownership):

Replace items "C4.3.4.1 Asphalt material", and "C4.3.4.2 Crushed stone and gravel material" with:

In the first sentence of the 5th paragraph, remove the word "hauling".

SECTION 4.4: COMMERCIAL MATERIALS

PART A: SPECIFICATIONS

A4.4.7 EXECUTION OF THE WORKS

A4.4.7.1 Selection (design) of the stabilising agent content

c) Cementitious stabilising agent for chemical stabilisation

Step 2: Determine the Initial Consumption of Stabiliser (ICS) of the material.

Add the following after the 1st paragraph:

"The ICS shall be determined for more than one stabilizer agent and the stabilizer agent to be utilised in Step 3 shall be selected by the Engineer based on the ICS results."

COTO CHAPTER 5: EARTHWORKS AND PAVEMENT LAYERS: CONSTRUCTION

SECTION 5.3: ROAD PAVEMENT LAYERS

PART A: SPECIFICATION

A5.3.8 WORKMANSHIP

A5.3.8.4 Construction tolerances for pavement layers

Add the following as a new sub-clause:

“f) Surface texture

The maximum volumetric texture depth (measured as described in SANS 3001-BT11) of the base, shall be as specified in Table A5.3.8-7, for the different seal types to be placed on the base.

Table A5.3.8-7: Maximum texture of base

Surfacing type	Max texture depth of the base
Single seal with 10 mm aggregate	0,8
Single seal with 10 mm aggregate (with cover spray)	1,0
Single seal with 14 mm aggregate	0,8
Single seal with 14 mm aggregate (with cover spray)	1,5
Single seal with 14 mm aggregate (with Bitumen rubber)	1,2
Double seal with 10 mm aggregate and sand	1,0
Double seal with 14 mm aggregate and sand	1,5
Cape Seal with 10 mm aggregate and one layer of slurry	1,5
Cape Seal with 14 mm aggregate and one layer of slurry	2,0
Cape Seal with 20 mm aggregate and two layers of slurry	2,5
Double seal with 14 mm aggregate and a layer of 7 mm aggregate	1,5
Double seal with 14 mm aggregate and a layer of 5 mm aggregate	1,5
Double seal with 20 mm aggregate and a layer of 10 mm aggregate	2,0
Double seal with 20 mm aggregate and a layer of 7 mm aggregate	2,0
Double seal with 20 mm aggregate and two layers of 7 mm aggregate	1,5
Other surfacing type (as indicated in the Contract Documentation)	As specified in the Contract Documentation”

A5.3.8.5 Surface regularity

Add the following to the 1st paragraph:

“The surface regularity shall be assessed on the final prepared layer after all excess fines have been swept off the surface.”

c) By using a profiler

*In the paragraph following Table A3.5.8--6, delete the following: " for payment items *** _____"; and replace with the following: "for payment items as specified in the Contract Documentation".*

COTO CHAPTER 7: MAINTENANCE AND REPAIR OF CONCRETE LAYERS

SECTION 7.1: REPLACEMENT OF EXISTING JOINT SEALANT

PART D: GUARANTEES AND COMPLIANCE CERTIFICATES

D7.1.8 WORKMANSHIP

D7.1.8.8 Alternative materials and design

Add the following to the end of the 1st paragraph as part of the 1st sentence:

"and in addition to the postulated tender".

D7.1.8.9 Work on behalf of Employer

In the 2nd sentence of the 1st paragraph delete: "(cost plus 15%)".

COTO CHAPTER 9: ASPHALT LAYERS

There are no amendments to this Chapter

COTO CHAPTER 10: SURFACE TREATMENTS

SECTION 10.1: GENERAL REQUIREMENTS FOR SURFACE TREATMENTS

PART D: GUARANTEES AND COMPLIANCE CERTIFICATES

D10.1.5 VISUALLY ASSESSED PROPERTIES

D10.1.5.4 Acceptance criteria

In note 3 below Table D10.1.5-3, delete "May 2016" and replace with "Latest version".

COTO CHAPTER 20:QUALITY ASSURANCE

SECTION 20.1: TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP

PART A: SPECIFICATION

A20.1.4 PUBLISHED TEST METHODS

A20.1.4.7 Testing of bituminous binders

*Replace: "SABITA PG1 –Series on modified binders " with:
"SABITA TG1 –Series on modified binders ".*

A20.1.7 ACCEPTANCE CONTROL BY STATISTICAL JUDGEMENT PRINCIPLES

A20.1.7.2 Taking samples

a) Stratified random sampling

Add the following new paragraph:

"Where the SARDS Laboratory module is used, the sampling locations must be as per the software. The Engineer may specify additional sampling locations."

b) Minimum samples per lot

Add the following new paragraph:

"Where the SARDS Laboratory module is used, the number of samples per lot must be as per the software, as a minimum. The Engineer may specify additional numbers of samples. The Number of samples must be sufficient to meet the requirements of TMH5."

PART C: MEASUREMENT AND PAYMENT

C20.1.5 Financial contribution for an independent laboratory

Replace reference to: "Independent laboratory" with: "Independent site laboratory ".

Add the following new pay item:

Item	Unit
-------------	-------------

C20.1.6 Payment of independent laboratory

C20.1.6.1	Direct payment by contractor	prime cost (PC) sum
a)	Handling cost and profit in respect of item C20.1.6.1	percentage (%)

The contractor shall pay the appointed site laboratory monthly for the amount as certified by the Engineer.

The charge or mark-up tendered or allowed for is a percentage of the amount actually paid under the prime cost item. The percentage shall cover all the Contractors' sourcing, handling, profit, and payment of the service provider in providing the services. The Contractor shall forfeit his mark-up when the service provider is not paid in time."

GEROTEK TEST FACILITIES

SECTION B: SPECIFICATION DATA

Notes to tenderer:

1. In certain clauses, the Standard Specifications allow a choice to be specified in the Contract Documentation or Project Specifications between alternative materials or methods of construction and for additional requirements to be specified to suit a particular contract. Details of such alternatives or additional requirements applicable to this contract are contained in this Section B: Specification Data.
2. The number of each clause and each payment item in this part of the project specifications follows the numbering format of the COTO standard specifications.

COTO CHAPTER 1:GENERAL

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA												
1			GENERAL													
	A1.1		GENERAL PREAMBLE													
		A1.1.2	DEFINITIONS													
			Conditions of Contract	The Conditions of Contract for Construction for Building and Engineering Works designed by the Employer as published by the International Federation of Consulting Engineers First Edition 1999, shall apply.												
			Site / Site of the Works	The limits of construction is provided in Key Plan drawings												
	A1.2		GENERAL REQUIREMENTS AND PROVISIONS													
		A1.2.3	GENERAL													
			A1.2.3.3 Environmental management	The requirements of the Environmental Officer is indicated in Section C.												
			A1.2.3.4 Extension of time for delays caused by rainfall													
			c) Method 3 (Critical path method without consequential delays)	Method 3 (Critical path method without consequential delays) is specified. The value of "N" is 7 In calculations of payment for approved extensions of time granted for delays caused by rainfall, payment will be made utilising the applicable payment items for which the unit of measurement is "month" but excluding payment items with negative rates and non-applicable payment items such as pay item C1.3.1.4.												
			A1.2.3.5 Handing-over of the Site of the Works	The whole site will be handed over for construction at the same time.												
			A1.2.3.9 Monthly reports	Other information to be included in monthly progress reports are as follows: a) Information as required in terms of Conditions of Contract Clause 4:21												
			A1.2.3.12 Ownership of assets and disposal of non-usable assets	The Non-usable assets to be disposed by the Contractor is listed in the following disposal plan: Disposal plan <table border="1" data-bbox="890 1585 1465 1803"> <thead> <tr> <th>Asset description</th> <th>Estimated quantity</th> <th>Disposal requirement</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Asset description	Estimated quantity	Disposal requirement									
Asset description	Estimated quantity	Disposal requirement														
			A1.2.3.13 Prevention of damage to nearby properties and services	Structures that could be affected by excessive ground vibrations is listed in the following table: <table border="1" data-bbox="890 1915 1436 2049"> <thead> <tr> <th>Structure</th> <th>Type</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Structure	Type	Location									
Structure	Type	Location														

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A1.2.3.20 Road safety audits	A Work zone traffic management audit as well as a Pre-opening stage road safety audit, shall be carried out.
		A1.2.7	EXECUTION OF THE WORKS	
			A1.2.7.1 Programme of work	No additional specifications.
			a) General	A scheme 1 programme shall apply.
			b) Scheme 1	The programme shall be drawn up and updated monthly for the duration of the project.
			A1.2.7.4 Work on, over, under or adjacent to utilities	No additional specifications.
	A1.3		CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS	No additional specifications.
		A1.3.3	GENERAL	No additional specifications.
			A1.3.3.1 Construction camps	No specific areas for construction camps have been identified. Gerotek owns the facilities and a location can be provided to the contractor for them to erect the site camp.
	A1.4		FACILITIES FOR THE ENGINEER	
		A1.4.3	GENERAL	
		A1.4.7	EXECUTION OF THE WORKS	No additional specifications.
	A1.5		ACCOMMODATION OF TRAFFIC	
		A1.5.3	GENERAL	
			A1.5.3.3 Lane width	No additional specifications.
			A1.5.3.14 Vertical clearance	No additional specifications.
		A1.5.6	CONSTRUCTION EQUIPMENT	
		A1.5.7	EXECUTION OF THE WORKS	
			A1.5.7.3 Accommodation of traffic where the road is constructed in half or partial widths	STOP / GO one-way traffic sections shall be in operation on sections agreed with by the client.
			A1.5.7.6 Maintenance of existing roads used as detours	No additional specifications.
			A1.5.7.10 Construction of temporary deviations	No additional specifications.
			d) Earthworks and pavement layers for temporary deviations	No additional specifications.
	A1.6		CLEARING AND GRUBBING	
		A1.6.7	EXECUTION OF THE WORKS	
			A1.6.7.2 Clearing	No additional specifications.
	A1.7		LOADING AND HAULING	

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
		A1.7.7	EXECUTION OF THE WORKS	The Contractor must provide the Engineer with the certified carrying capacity of each vehicle before any construction materials can be transported.

COTO CHAPTER 2:SERVICES

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
2			SERVICES	
	A2.1		GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES	
		A2.1.1	SCOPE	
			A2.1.1.2 Location, identification, protection and relocation of existing services	No additional specifications.
		A2.1.2	DEFINITIONS	
		A2.1.3	GENERAL	
			A2.1.3.1 Installation of new services	No additional specifications.
			b) Location of existing services	No additional specifications.
			d) Protection of services	
			<i>(i) Service owners</i>	No additional specifications.
			<i>(ii) Protection</i>	No additional specifications.
			<i>(iv) Relocation</i>	No additional specifications.
			A2.1.3.3 Safety, Method Statements, safeguarding the works and accommodation of traffic	No additional specifications.
			a) Safety and Method Statements	No additional specifications.
			c) Accommodation of traffic	No additional specifications.
			A2.1.3.5 Programming for services	No additional specifications.
			a) Trenching and installation sequence	No additional specifications.
			A2.1.3.6 Provision of record drawings and details	No additional specifications.
			A2.1.3.9 Limitations and restrictions	
			c) Installation under special conditions	No additional specifications.
			e) Working widths	No additional specifications.
		A2.1.4	DESIGN BY CONTRACTOR / PERFORMANCE BASED SYSTEMS	
			A2.1.4.1 Temporary works	No additional specifications.
			A2.1.4.2 Alternative designs	
			b) Alternative design approvals	No additional specifications.
			A2.1.4.3 Designs	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
		A2.1.5	MATERIALS	
			A2.1.5.1 Trench backfill material	No additional specifications.
			A2.1.5.2 Soil cement and stabilised trench backfill material	
			a) Soil cement backfill	No additional specifications.
			b) Cement stabilised backfill	No additional specifications.
		A2.1.6	CONSTRUCTION EQUIPMENT	
			A2.1.6.1 Excavation equipment	No additional specifications.
		A2.1.7	EXECUTION OF THE WORKS	
			A2.1.7.1 Trenching for Services	
			f) Safe placement of excavated material	No additional specifications.
			h) Excavation	No additional specifications.
			j) Excavation using Labour Enhanced Construction Methods	No additional specifications.
			k) Excavations outside the normal trench profile	No additional specifications.
			l) Timbering and shoring	
			<i>(ii) Contract Specific Shoring Requirements</i>	No additional specifications.
			m) Soil cement backfilling	No additional specifications.
			n) Erosion protection with sandbags	No additional specifications.
			p) Preparation of the bottom of trenches	No additional specifications.
			r) Dealing with water	
			<i>(i) Contractor's obligations for dealing with water</i>	No additional specifications.
			A2.1.7.2 Reinstatement of existing roads and existing road furniture	
			a) General	No additional specifications.
			b) Reinstatement of existing road carriageways and other paved areas	No additional specifications.
			A2.1.7.3 Railway reserves, bridge and other special crossings	No additional specifications.
			A2.1.7.6 Ownership, removal and disposal of existing service materials	No additional specifications. " Contractor shall become the owner of specific recovered service materials and shall be responsible for the disposal of the materials and for providing the Engineer with a full

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
				record of the disposal of the materials for control purposes".
		A2.1.8	WORKMANSHIP	
			A2.1.8.2 Compaction	
			a) Relative density compaction control	No additional specifications.
			(ii) <i>Areas subjected to vehicle traffic loads or within the road prism</i>	No additional specifications.
			c) DCP compaction control	No additional specifications.
	B2.1		GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES PART B: LABOUR ENHANCEMENT	
		B2.1.1	SCOPE	
	C2.1		GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES PART C: MEASUREMENT AND PAYMENT	
			(ii) Notes on measurement and pay items	No additional specifications.
		C2.1.6	Trench excavation (in soft material)	No additional specifications.
		C2.1.8	Excavations outside the normal trench profile	No additional specifications.
		C2.1.9	Trench excavation using labour enhanced construction methods	No additional specifications.
		C2.1.10	Excavation in tunnels exceeding 3,0 m in length in:	No additional specifications.
		C2.1.17	Removal and disposal of spoil material from trench excavations:	No additional specifications.
		C2.1.18	Timbering, strutting and shoring	No additional specifications.
	D2.1		GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	
		D2.1.1.1	Proprietary products and materials (Guarantees and compliance certificates)	No additional specifications.
	A2.2		DRY SERVICES	
		A2.2.1	SCOPE	

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A2.2.1.1 General note	In certain SANS documents referred to in this Section the term "specified in the scope of work" is used. For the purposes of this specification the term shall be deemed to mean "specified in the Contract Documentation".
		A2.2.5	MATERIALS	
			A2.2.5.1 Ducts and sleeves	
			b) High Density Polyethylene (HDPE) ducts	
			<i>(i) HDPE ducts installed by trenching</i>	
			<i>(ii) HDPE ducts installed by drilling</i>	
			A2.2.5.2 Bedding	
			A2.2.5.3 Backfill	
			a) Backfill for trenched (excluding micro or mini trenching)	No additional specifications.
			b) Backfill for micro or mini trenching	No additional specifications.
			A2.2.5.4 Cable duct markers	No additional specifications.
			A2.2.5.5 Concrete	No additional specifications.
			A2.2.5.7 Handhole, manhole and access chamber types and covers	
			a) Handhole, manhole and access chamber	
			<i>(i) Telecommunications handholes, manholes and access chambers</i>	No additional specifications.
			<i>(iv) Other handholes, manholes and access chambers</i>	No additional specifications.
			b) Covers and frames	
			<i>(i) Telecommunications covers and frames</i>	No additional specifications.
			<i>(ii) Other covers and frames</i>	No additional specifications.
		A2.2.7	EXECUTION OF THE WORKS	
			A2.2.7.2 Duct installation by methods other than by micro or mini trenching	
			a) Trench widths for duct installations	No additional specifications.
			b) Bedding and compaction of bedding	No additional specifications.
			A2.2.7.4 Duct markers	
			b) Route markers	No additional specifications.
			c) Road crossing markers	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A2.2.7.6 Duct installation by micro and mini trenching	No additional specifications.
		A2.2.8	WORKMANSHIP	
			A2.2.8.2 Proving ducts	
			a) Standard proving requirements	No additional specifications.
			b) Other duct integrity requirements	No additional specifications.
	C2.2		DRY SERVICES PART C: MEASUREMENT AND PAYMENT	
		C2.2.6	Duct accessories (markers, marking, draw wires and end caps etc.)	No additional specifications.
		C2.2.8	Covers and frames for duct handholes, manholes and access chambers	No additional specifications.
		C2.2.9	Install duct handhole, manhole and access chamber covers and frames provided by others	No additional specifications.
	D2.2		DRY SERVICES PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	
		D2.2.2	WARRANTIES FOR PRODUCT OR ELEMENT DESIGN AND INSTALLATION OF PROPRIETARY SYSTEMS	No additional specifications.
		D2.2.3	PERFORMANCE SPECIFICATIONS	No additional specifications.
		A2.3.7	EXECUTION OF THE WORKS	
			A2.3.7.3 Water mains	
			e) Valve and hydrant chambers and manholes	No additional specifications.
	A2.4		ENERGY AND OTHER SERVICES	
		A2.4.1	SCOPE	<p>The purpose of Section A2.4 is therefore partly to provide a structured framework for the Contract Documentation for civil construction work related to energy services or any other types of services not dealt with elsewhere in Chapter 2.</p> <p>In certain SANS documents referred to in this section the term "specified in the scope of work" is used. For the purposes of this specification the term shall be deemed to mean "specified in the Contract Documentation".</p>

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
		A2.4.5	MATERIALS	
			A2.4.5.1 General	No additional specifications.
			A2.4.5.3 Backfill for electric power cables	No additional specifications.
			A2.4.5.5 Electric power concrete slab protection	No additional specifications.
			A2.4.5.6 Electric power cable markers	No additional specifications.
			A2.4.5.7 Polyethylene pipes for gaseous fuels	No additional specifications.
		A2.4.6	CONSTRUCTION EQUIPMENT	
			A2.4.6.1 General	No additional specifications.
		A2.4.7	EXECUTION OF THE WORKS	
			A2.4.7.1 General	No additional specifications.
			A2.4.7.2 Trenching for electric power cables	
			b) Trench dimensions	
			(i) Trench width	No additional specifications.
			(ii) Trench Depth	No additional specifications.
			A2.4.7.7 Electric power cable concrete bedding	No additional specifications.
			A2.4.7.8 Electric Power cables and markers	No additional specifications.
			A2.4.7.9 Steel supporting structures	No additional specifications.
			A2.4.7.11 Polyethylene pipes for gaseous fuels	No additional specifications.
		A2.4.8	WORKMANSHIP	
			A2.4.8.1 General	No additional specifications.
	C2.4		ENERGY AND OTHER SERVICES PART C: MEASUREMENT AND PAYMENT	
		C2.4.3	Cable laying accessories (warning tape, protection slabs, markers etc.)	No additional specifications.
	D2.4		ENERGY AND OTHER SERVICES PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	
		D2.4.1	Scope (Guarantees and compliance certificates)	No additional specifications.

COTO CHAPTER 3:DRAINAGE

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
3			DRAINAGE	
	A3.1		DRAINS	
		A3.1.4	DESIGN BY CONTRACTOR/PERFORMANCE	No additional specifications.
		A3.1.5	MATERIALS	
			A3.1.5.2 Subsoil Drainage Materials a) Pipes	No additional specifications.
		A3.1.7	EXECUTION OF THE WORKS	
			A3.1.7.4 Subsoil drainage a) Construction of subsoil drainage systems	
			(ii) With polymer film lining to trenches for subsoil drainage systems	No additional specifications.
			(v) With alternative drainage systems	No additional specifications.
			A3.1.7.5 Manholes, outlet structures and cleaning eyes	No additional specifications.
	B3.1		DRAINS	
		B3.1.6	CONSTRUCTION EQUIPMENT	
	D3.1		DRAINS	
	B3.2		CULVERTS	
		B3.2.4	DESIGN BY CONTRACTOR / PERFORMANCE BASED SYSTEMS	No additional specifications.
	D3.2		CULVERTS	No additional specifications.
	A3.3		CONCRETE KERBING AND CHANNELING, ASPHALT BERMS, CHUTES, DOWNPIPES, AS WELL AS CONCRETE, STONE PITCHED AND GABION LININGS FOR OPEN DRAINS	
		A.3.3.4	DESIGN BY CONTRACTOR / PERFORMANCE BASED SYSTEMS	No additional specifications.

COTO CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
4			EARTHWORKS AND PAVEMENT LAYERS: MATERIALS	
	A4.2		CUT MATERIALS	
		A4.2.7	EXECUTION OF WORKS	
			A4.2.7.1 Excavation operations	
			a) Control at the cuttings, designated excavations and box cuts	No additional specifications.
			b) Classes of excavation	No additional specifications.
			h) Excavation of material in cuttings	No additional specifications.
			i) Excavation of material in box cuts	No additional specifications.
			j) Excavation of material in designated excavations	No additional specifications.
			k) Selection and the use of the cut material	No additional specifications.
			n) Finishing of the side slopes of cuttings and designated excavations (<i>para 1</i>)	No additional specifications.
	A4.3		EXISTING ROAD MATERIALS	
		A4.3.3	GENERAL	
			A4.3.3.1 Employer identified existing road materials	No additional specifications.
		A4.3.5	MATERIALS	
			A4.3.5.2 Reclaimed Asphalt Material	No additional specifications.
			A4.3.5.3 Bituminous Seal surfacings	No additional specifications.
		A4.3.7	EXECUTION OF THE WORKS	
			A4.3.7.4 Milling	No additional specifications.
			A4.3.7.7 Excavation of crushed stone, macadam, cemented and gravel materials	No additional specifications.
			A4.3.7.9 Removal of existing pavement blocks	No additional specifications.
			A4.3.7.12 Stockpiling of material	
			a) Preparation of the stockpile site	No additional specifications.
	A4.4		COMMERCIAL MATERIALS	
		A4.4.3	GENERAL	

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A4.4.3.1 Employer identified commercial materials	
			a) Materials from commercial suppliers	No additional specifications.
			b) Materials from private or non-commercial suppliers	No additional specifications.
		A4.4.5	MATERIALS	
			A4.4.5.1 Earthworks and pavement layer materials	No additional specifications.
			A4.4.5.4 Non-traditional stabilising or soil treatment agents (<i>para 1</i>)	No additional specifications.
	C4.4		COMMERCIAL MATERIALS PART C: MEASUREMENT AND PAYMENT	
		C4.4.5	Bituminous stabilising agents	No additional specifications.
	A4.5		ALTERNATIVE MATERIALS	
		A4.5.3	GENERAL	No additional specifications.

COTO CHAPTER 5: EARTHWORKS AND PAVEMENT LAYERS: CONSTRUCTION

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
5			EARTHWORKS AND PAVEMENT LAYERS: CONSTRUCTION	
	A5.1		ROADBED	
		A5.1.2	DEFINITIONS	
			Batter	No additional specifications.
			Roller-pass (high-energy impact compactor or roller HEIC)	No additional specifications.
		A5.1.3	GENERAL	
			A5.1.3.1 Roadbed material investigation	No additional specifications.
		A5.1.5	MATERIALS	
			A5.1.5.2 Topsoil	No additional specifications.
			A5.1.5.3 Collapsing soil material	No additional specifications.
		A5.1.6	CONSTRUCTION EQUIPMENT	No additional specifications.
		A5.1.7	EXECUTION OF WORKS	
			A5.1.7.1 Clearing and grubbing	No additional specifications.
			A5.1.7.2 Removal and conservation of topsoil from roadbed	No additional specifications.
			A5.1.7.3 Normal roadbed treatment	
			a) Construction overview	No additional specifications.
			b) Removal of unsuitable roadbed material	No additional specifications.
			c) Percentage of Max Dry density (MDD)	No additional specifications.
			e) Compaction of collapsible soil	
			<i>(i) General</i>	No additional specifications.
			<i>(ii) Soil collapse construction</i>	No additional specifications.
			<i>(iii) Non wetting-up roadbed collapse</i>	No additional specifications.
			<i>(iv) Wetting-up roadbed collapse</i>	No additional specifications.
			f) Hard material	
			<i>(i) In situ treatment by ripping</i>	No additional specifications.
			g) Inactive clay and normal clay	
			<i>(i) Material modification</i>	No additional specifications.
			<i>(ii) Lime modification</i>	No additional specifications.
			<i>(iii) Removal of material</i>	No additional specifications.
			h) Active Clay	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			<i>(i) Alternative 1 – roadbed construction using lime – Phase 1</i>	No additional specifications.
			<i>(i) Alternative 1 – roadbed construction using lime – Phase 3</i>	No additional specifications.
			<i>(ii) Alternative 2 – Roadbed construction by removal of active clay</i>	No additional specifications.
			i) Construction of a pioneer layer	No additional specifications.
			A5.1.7.4 Special drainage measures, dewatering	No additional specifications.
		A5.1.8	WORKMANSHIP	
			A5.1.8.2 Compaction requirements	No additional specifications.
	C5.1		ROADBED PART C: MEASUREMENT AND PAYMENT	
		C5.1.13	Construction of a levelling layer	No additional specifications.
	D5.1		ROADBED PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	No additional specifications.
	A5.2		FILL	
		A5.2.3	GENERAL	
			A5.2.3.1 Fill Dimensions and shape	No additional specifications.
			A5.2.3.2 Fill adjacent to existing fill	No additional specifications.
			A5.2.3.3 Fill layer thickness	No additional specifications.
			A5.2.3.4 Fill compaction classification	
			a) MDD compaction	
			<i>(i) Sand fill</i>	No additional specifications.
			<i>(ii) Normal fill and Coarse Fill</i>	No additional specifications.
			<i>(iii) Fill widening</i>	No additional specifications.
		A5.2.5	MATERIALS	
			A5.2.5.2 Use of fill materials	No additional specifications.
		A5.2.7	EXECUTION OF THE WORKS	
			A5.2.7.11 Drainage blanket layer in cuttings	No additional specifications.
		A5.2.8	WORKMANSHIP	
			A5.2.8.2 Materials Quality and compaction requirements	No additional specifications.
			Table A5.2.8-1	No additional specifications.
	D5.2		FILL	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	
	A5.3		ROAD PAVEMENT LAYERS	
		A5.3.3	GENERAL	
			A5.3.3.3 Requirements prior to the construction of any pavement layer	
			A5.3.3.4 Compaction of pavement layer material	As specified in COTO, No additional specifications.
			A5.3.3.7 Joints between pavement layers	
			A5.3.3.8 Pavement Layer Drainage	No additional specifications.
		A5.3.5	MATERIALS	
			A5.3.5.1 Material information	No additional specifications.
			A5.3.5.2 Pavement Layer thickness and compaction requirements	
			a) Pavement layer thickness requirements	
			b) Gravel and soil pavement layer compaction requirements (G4B to G9 material)	Used Table A5.3.5-1 in COTO standard specifications and no additional specifications.
			Table A5.3.5-1	No additional specifications.
			c) Crushed stone pavement layer compaction requirements (G1 to G4A and G5A material)	No additional specifications.
			Table A5.3.5-2	10 Mpa for lean mix
		A5.3.7	EXECUTION OF WORKS	
			A5.3.7.1 Controlling pavement layer thickness	
			b) Minimum pavement layer thickness in transition areas	Material thickness shall be as per designs, everywhere.
			A5.3.7.2 Combining Materials	No additional specifications.
			A5.3.7.3 Construction of gravel pavement layers	
			A5.3.7.12 Construction of trial sections	
			a) Trial Sections	
		A5.3.8	WORKMANSHIP	
			A5.3.8.4 Construction tolerances for pavement layers	No additional specifications.
			d) Width tolerances	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A5.3.8.5 Surface regularity	No additional specifications.
			c) By using a profiler	No additional specifications.
	B5.3		ROAD PAVEMENT LAYERS PART B: LABOUR ENHANCEMENT	
		B5.3.5	MATERIALS	
			B5.3.5.1 Material Information	No additional specifications.
			B5.3.5.2 Pavement layer thickness and compaction requirements	
			a) Pavement layer thickness requirements	No additional specifications.
			b) Gravel and soil pavement layer compaction requirements (G4B to G9 material)	No additional specifications.
		B5.3.7	EXECUTION OF WORKS	
			B5.3.7.1 Controlling pavement layer thickness	No additional specifications.
	C5.3		ROAD PAVEMENT LAYERS PART C: MEASUREMENT AND PAYMENT	
		C5.3.1	Compiling and implementing M&U plans for the construction of all the pavement layers	No additional specifications.
	D5.3		ROAD PAVEMENT LAYERS PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	No additional specifications.
	A5.4		STABILISATION	
		A5.4.3	GENERAL	
			A5.4.3.2 Work in restricted areas	No additional specifications.
			A5.4.3.3 Construction limitations	
			e) Traffic limitations	No additional specifications.
		A5.4.5	MATERIALS	
			A5.4.5.1 General	No additional specifications.
			A5.4.5.2 Material for modification or pre-treatment	No additional specifications.
			a) Mechanical pre-treatment of material before stabilization	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			b) Cementitious pre-treatment of material before stabilization	No additional specifications.
			A5.4.5.3 Cementitious stabilising agents	No additional specifications.
			A5.4.5.4: Bituminous stabilising agents	No additional specifications.
		A5.4.6	CONSTRUCTION EQUIPMENT	No additional specifications.
		A5.4.7	EXECUTION OF THE WORKS	
			A5.4.7.1 Construction of a trial section	No additional specifications.
			A5.4.7.2 Mechanical modification of pavement layer material	No additional specifications.
			A5.4.7.3 Chemical pre-treatment and stabilization	
			e) Applying and mixing in the cementitious agent using a recycler	No additional specifications.
			A5.4.7.5 PMPL stabilized material	No additional specifications.
			A5.4.7.7: Protection and curing of chemically stabilised layers	No additional specifications.
			c) Membrane curing	No additional specifications.
			d) Prime coat curing	No additional specifications.
	D5.4		STABILISATION PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	No additional specifications.
	A5.5		RECONSTRUCTION OF PAVEMENT LAYERS	
		A5.5.2	DEFINITIONS	
			Rehabilitation	No additional specifications.
			Uniform pavement sections	No additional specifications.
		A5.5.3	GENERAL	
			A5.5.3.1 Traffic accommodation	No additional specifications.
			A5.5.3.2 Material selection	No additional specifications.
			A5.5.3.3 Existing bituminous seal and/or asphalt layers	No additional specifications.
		A5.5.4	DESIGN BY THE CONTRACTOR / PERFORMANCE BASED SYSTEMS	No additional specifications.
		A5.5.5	MATERIALS	
			A5.5.5.1 Existing crushed stone pavement materials	No additional specifications.
			A5.5.5.5 Materials shortfall and make-up material	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
		A.5.5.7	EXECUTION OF THE WORKS	
			A5.5.7.1 Patching	
			a) Patch demarcation	No additional specifications.
			c) Backfilling patch excavations	No additional specifications.
			A5.5.7.2 Edge break repairs	No additional specifications.
			A5.5.7.3 Treatment of exposed pavement layer	No additional specifications.
			A5.5.7.4 In situ pavement layer reconstruction preparation	
			a) Establishing construction levels – minor level changes	No additional specifications.
			b) Establishing construction levels – significant level changes	No additional specifications.
			c) Pre-milling the seal or asphalt surfacing	No additional specifications.
			d) Preparation of the road surface	No additional specifications.
			e) Pre-pulverising existing pavement layer material	No additional specifications.
			A5.5.7.5 In situ pavement layer reconstruction	
			a) Final recycler construction equipment checks	No additional specifications.
			c) In situ reconstruction using conventional construction equipment	No additional specifications.
	C5.5		RECONSTRUCTION OF PAVEMENT LAYERS PART C: MEASUREMENT AND PAYMENT	*
		C5.5.5	Construction of a trial section using a recycler	No additional specifications.
		C5.5.6	Construction of a trial section using conventional construction equipment	No additional specifications.
		C5.5.10	Roller-pass compaction of an exposed pavement layer	No additional specifications.
		C5.5.13	Cross mixing of material	No additional specifications.
		C5.5.20	Material shortfall or make-up material	No additional specifications.
	D5.5		RECONSTRUCTION OF PAVEMENT LAYERS	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	

COTO CHAPTER 7: MAINTENANCE AND REPAIR OF CONCRETE LAYERS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
7			MAINTENANCE AND REPAIR OF CONCRETE LAYERS	
	A7.1		REPLACEMENT OF EXISTING JOINT SEALANT	
		A7.1.3	GENERAL	The joint filled with sealant detail is indicated on the following Drawings: TP2313-R03PM-005
		A7.1.8	WORKMANSHIP	
			A7.1.8.1 Groove width	The dimensions and positions of the grooves is indicated on the following Drawings TP2313-R03PM-005
	D7.1		REPLACEMENT OF EXISTING JOINT SEALANT PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	
		D7.1.4	DESIGN BY CONTRACTOR / PERFORMANCE BASED SYSTEMS	
		D7.1.5	MATERIALS	The dimensions and positions of the joints for sealant is indicated on the following Drawings:
		D7.1.7	EXECUTION OF THE WORKS	
			D7.1.7.1 Pavement description and extent of joint repairs covered by the PPGS	
			b) Description of the existing pavement, condition and related issues	
		D7.1.8	WORKMANSHIP	
			D7.1.8.5 PROCEDURES TO BE ADOPTED IN THE EVENT OF FAILURE DURING THE GUARANTEE PERIOD	
	A7.2		REPAIR TO EXISTING JOINTS AND UNCONTROLLED CRACKS IN CONCRETE PAVEMENTS	
		A7.2.2	DEFINITIONS Joint types	The construction joint detail is indicated on the following Drawings: TP2313-R03PM-005
		A7.2.5	MATERIALS	
			A7.2.5.4 Epoxy and repair products	
			A7.2.5.5 Bond breaking products	The concrete faces that require the bond breaking product is indicated on the following Drawings: TP2313-R03PM-005

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A7.2.5.6 TIE BARS, DOWELS, CONTINUOUS REINFORCING STEEL AND STEEL MESH	The placing of steel products (tie bars, dowels, reinforcing and mesh) is indicated on the concrete repairs Drawings
		A7.2.7	EXECUTION OF THE WORKS	
			A7.2.7.1 Repairing joints and cracks	The choice of treatment of the joint and details thereof is indicated on the concrete repairs Drawings.
			A7.2.7.2 Repairing joints and cracks by full-depth removal of concrete adjacent to the crack or joint	
			A7.2.7.3 Full depth repairs	The position and dimensions of the repair sections and type of joint preparation, is included on the following Drawings TP2313-R03PM-005
			b) Preparation of repair area	The position and dimensions of the repair sections, use of tie bars and type of joint preparation, is included on the concrete repairs Drawings.
			e) Placing of Concrete	The details of the mesh reinforcing, is included on the concrete repairs Drawings.
	C7.2		REPAIR TO EXISTING JOINTS AND UNCONTROLLED CRACKS IN CONCRETE PAVEMENTS PART C: MEASUREMENT AND PAYMENT	
		C7.2.8	Steel reinforcement in concrete pavements	The details of the mesh reinforcing is included on the concrete repairs Drawings.
	D7.2		REPAIR TO EXISTING JOINTS AND UNCONTROLLED CRACKS IN CONCRETE PAVEMENTS PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	
	A7.3		REMOVAL AND REINSTATEMENT OF EXISTING CONCRETE LAYERS	
		A7.3.2	DEFINITIONS Aggregate	No additional specifications.
		A7.3.5	MATERIALS	
			A7.3.5.4 TIE BARS, DOWEL BARS AND REINFORCING MESH	The placing of tie bar, dowel bars and reinforcing mesh detail is indicated on the following Drawings: TP2313-R03PM-005
		A7.3.7	EXECUTION OF THE WORKS	
			A7.3.7.1 Removal of existing concrete	No additional specifications.

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A7.3.7.2 Preparing the underlying layer/s after concrete has been removed	
			a) Underlying layers remaining in place	
			<i>(iii) Recompaction of existing underlying pavement layers</i>	No additional specifications.
			b) Removal of existing underlying pavement layers	No additional specifications.
			A7.3.7.3 Reinstating underlying layers during rehabilitation work	No additional specifications.
			a) Gravel layers	No additional specifications.
			b) Stabilised layers	No additional specifications.
			A7.3.7.4 Reinstatement of tie bars, dowel bars continuous reinforcing and reinforcing mesh	
			a) Tie bars	
			<i>(i) In new concrete</i>	The placing of tie bars and spacing thereof is indicated on the following Drawings: TP2313-R03PM-005
			b) Dowel bars	
			<i>(i) In new concrete.</i>	The placing of dowels bars and details thereof is indicated on the following Drawings: TP2313-R03PM-005
			<i>(ii) Between existing and new concrete</i>	The reinstatement of dowels bars and details thereof is indicated on the following Drawings: TP2313-R03PM-005
			d) Reinforcing steel mesh	
			<i>(i) In new concrete</i>	
			<i>(ii) In existing concrete</i>	
			A7.3.7.5 Replacing the concrete	
	C7.3		REMOVAL AND REINSTATEMENT OF EXISTING CONCRETE LAYERS PART C: MEASUREMENT AND PAYMENT	
		C7.3.2	Full depth repairs using hand placed concrete with CEM I 52,5	The details of the full depth repairs by hand and joint faces are indicated on the following Drawings: TP2313-R03PM-005
		C7.3.3	Partial Depth Repairs using hand placed fine concrete	No additional specifications
		C7.3.4	Tie-bars and dowels for full depth repairs	The measure of tie bars or dowels are indicated on the following Drawings No.: TP2313-R03PM-005

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
		C7.3.5	Partial Depth Repairs using hand placed acrylic resin grout	No additional specifications
		C7.3.6	Reinstating the subbase with lean mix concrete	No additional specifications
		C7.3.16	Steel reinforcement in concrete pavements	The measure of steel reinforcement and mesh are indicated on the following Drawings No.: TP2313-R03PM-005.
	D7.3		REMOVAL AND REINSTATEMENT OF EXISTING CONCRETE LAYERS PART D: GUARANTEES AND COMPLIANCE CERTIFICATES	No additional specifications
	A7.5		REINSTATEMENT OF RIDING QUALITY	
		A7.5.7	EXECUTION OF THE WORKS	
			A7.5.7.2 Areas to be treated as a result of smoothness deficiencies in the existing concrete.	No additional specifications
		A7.5.8	WORKMANSHIP	No additional specifications

COTO CHAPTER 8:PRETREATMENT AND REPAIR OF EXISTING LAYERS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA				
8			PRETREATMENT AND REPAIR OF EXISTING LAYERS					
	A8.1		PRIME COAT					
		A8.1.3	GENERAL					
			A8.1.3.1 Weather limitations	The limiting moisture contents for treated layers before priming shall be 50% of the optimum moisture content.				
		A8.1.5	MATERIALS					
			A8.1.5.1 Bituminous material	The priming material shall be one of the following as specified in Part C: Measurement and Payment.				
		A8.1.7	EXECUTION OF THE WORKS					
			A8.1.7.5 Opening to traffic	No additional specifications				
	B8.1		PRIME COAT PART B: LABOUR ENHANCEMENT					
		B8.1.8	WORKMANSHIP					
	A8.2		COVER SPRAYS, FOG SPRAYS AND REJUVENATION SPRAYS					
		A8.2.3	GENERAL					
		A8.2.7	EXECUTION OF THE WORKS					
			A8.2.7.1 Preparation and execution	The binder type and application rate shall be SC-E1 at an application rate of 0.5L/m ² on both sealed parking and access roads.				
	A8.5		STANDARD CRACK SEALING	SPECIFICATIONS				
		A8.5.7	EXECUTION OF THE WORKS					
			A8.5.7.1 Preparation and execution	The cracks shall be blown out with hot air herbicides applied then heated and rolled.				
	A8.8		PATCHING AND EDGE BREAK REPAIR					
		A8.8.5	MATERIALS					
			A8.8.5.3 Backfill material					
			Table A8.8.5-2: Backfill material	<table border="1"> <thead> <tr> <th>Backfill material</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>Coarse slurry</td> <td>No additional specifications</td> </tr> </tbody> </table>	Backfill material	Specification	Coarse slurry	No additional specifications
Backfill material	Specification							
Coarse slurry	No additional specifications							
	C8.8		PATCHING AND EDGE BREAK REPAIR PART C: MEASUREMENT AND PAYMENT					

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
		C8.8.2	Excavation in existing pavements for patching (non-milling)	
			C8.8.2.3 Other layers (specify type)	No additional specifications.

COTO CHAPTER 9: ASPHALT LAYERS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
9			ASPHALT LAYERS	
	A9.1		ASPHALT LAYERS	
		A9.1.2	DEFINITIONS	
			Asphalt mix types	
			Aggregate	
		A9.1.3	GENERAL	
			A9.1.3.1 Nominal mix proportions and application rates	
			Table A9.1.3-2: Nominal Mix Proportions of Sand Skeletal Mixes for Tender Purposes Bitumen (type and grade according to Contract Documentation) (%)	5,5% (nominal content) 50/70 penetration grade for surfacing mixes
			Table A9.1.3-2: Nominal Mix Proportions of Sand Skeletal Mixes for Tender Purposes	Nominal mix proportions as per SABITA Manual 35/TRH8
		A9.1.4	DESIGN BY THE CONTRACTOR	
			A9.1.4.1 Mix Designs	As per SABITA MANUAL 35/TRH8, Sandkeletal, Design level 1B
			A9.1.4.2 Mix design requirements	Continuously graded sand skeletal mix, Design Level IB, 14mm NMPS, PG58S-22, 35mm thick,
		A9.1.5	MATERIALS	
			A9.1.5.2 Bituminous binders for asphalt mixes	Asphalt Surfacing - Penetration grade 50/70
			A9.1.5.3 Bitumen bond coat	No additional specifications
			A9.1.5.4 Aggregates	
			a) Aggregate Properties	No additional specifications
			c) Fine aggregate grading	No additional specifications
			A9.1.5.5 Fillers	
			Table A9.1.5-7: Filler requirements	No additional specifications
			A9.1.5.8 Mix properties	No additional specifications
		A9.1.6	CONSTRUCTION EQUIPMENT	
			A9.1.6.3 Paver	No additional specifications
			A9.1.6.5 Rollers	Only oscillating type vibratory compaction equipment may be used on bridge decks.
		A9.1.7	EXECUTION OF THE WORKS	

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			A9.1.7.5 Bond coat	No additional specifications
			A9.1.7.6 Placing the asphalt	No additional specifications
			A9.1.7.11 Surfacing of bridge decks	No additional specifications
		A9.1.8	WORKMANSHIP	
			A9.1.8.8 Sampling	
			b) Coring of completed layers	The Contractor shall provide suitable coring machines capable of cutting 100mm or 150mm diameter cores from the completed asphalt layers.
	D9.1		ASPHALT LAYERS	
		D9.1.8	QUALITY OF MATERIALS AND WORKMANSHIP	
			D9.1.8.2 Permissible deviations	
			e) Layer Thickness	No additional specifications
		D9.1.9	ASSESSMENT CRITEREA	No additional specifications
		D9.1.10	ACCEPTANCE CRITERIA	
			D9.1.10.1 Visual Assessments	No additional specifications
			D9.1.10.2 Deflection	At the end of the Performance Guarantee Period, the structural capacity of the road pavement, as determined in terms of deflection measurements, shall conform to be acceptance criteria presented in Table D9.1.10-2

COTO CHAPTER 10: SURFACE TREATMENTS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA				
10			SURFACE TREATMENTS					
	A10.1		GENERAL REQUIREMENTS FOR SURFACE TREATMENTS					
		A10.1.3	GENERAL					
			A10.1.3.2 Weather limitations					
			Table A10.1.3-1	<table border="1"> <thead> <tr> <th>Bituminous binder type</th> <th>Minimum rising road surface temperature</th> </tr> </thead> <tbody> <tr> <td>S-R1 will be used in this contract</td> <td>25°C</td> </tr> </tbody> </table>	Bituminous binder type	Minimum rising road surface temperature	S-R1 will be used in this contract	25°C
Bituminous binder type	Minimum rising road surface temperature							
S-R1 will be used in this contract	25°C							

COTO CHAPTER 11:ANCILLARY ROAD WORKS

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
11			ANCILLARY ROAD WORKS	
	A11.4		ROAD RESTRAINT SYSTEMS	
		A11.4.1	SCOPE	No Additional Specifications.
		A11.4.4	DESIGN BY CONTRACTOR / PERFORMANCE BASED SYSTEMS	No Additional Specifications.
		A11.4.5	MATERIALS	
			A11.4.5.2 Materials	
			a) Steel guardrails for erection on timber posts	No Additional Specifications.
			c) Guardrail posts	Creosote treated timber posts.
		A11.4.7	EXECUTION OF THE WORKS	
			A11.4.7.2 Construction of guardrails on timber posts	No additional specifications.
	A11.6		ROAD SIGNS	
		A11.6.1	SCOPE	The road signs to be used in this contact are as per standard detail drawings and layout drawings attached.
		A11.6.5	MATERIALS	
			A11.6.5.2 Materials	
			a) Structural steel	D-Section tubes to be used as per typical standard details drawing attached.
			d) Other plate material	Chromadek 1.4mm, Class I
			m) Alternative materials	As per the Client's or Client's Agent approval
		A11.6.7	EXECUTION OF THE WORKS	
			A11.6.7.3 Road sign faces and painting	As per standard detail drawings.
			b) Preparing surfaces and applying paint and retro-reflective sheeting	Surface preparation as per COTO specifications
			A11.6.7.5 Erecting Road signs	
			a) Position	Position of road signs as indicated in layout drawings, the contractor shall identify and record all locations of signs and replace.
			b) Excavation and backfilling	No additional specifications
			A11.6.7.7 Dismantling, storing and re-erecting existing road signs	No additional specifications.
	C11.6		ROAD SIGNS PART C: MEASUREMENT AND PAYMENT	

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
			ii) Notes on measurement and pay items	Measurements for excavations will be taken from the ground surface
	A11.7		ROAD MARKINGS AND ROAD STUDS	
		A11.7.5	MATERIALS	
			A11.7.5.2 Materials	
			a) Marking materials	
			(iii) Thermoplastic road marking material	No additional specifications.
			b) Road studs	Permanent road studs compliant to SANS 1442 (RSA 1(Aluminium)) The typical dimensions of the marker shall be: <ul style="list-style-type: none"> • Height: 15.88 ± 1.27mm • Width: 101.6 ± 12.7mm • Length: 89.2 ± 12.7mm

COTO CHAPTER 20:QUALITY ASSURANCE

CH	SEC	CL	SUB-CLAUSE	SPECIFICATION DATA
20			QUALITY ASSURANCE	
	A20.1		TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP	
		A20.1.3	TESTING METHODS	
			A20.1.3.3 The Costs of Testing	
			a) Material and workmanship for quality control	Testing will be undertaken by an independent laboratory and in the presence of a quality control engineer (pay item C1.2:11)

PART C4: PROJECT INFORMATION

PART C4: PROJECT INFORMATION

TABLE OF CONTENTS

PAGE

C4.1	DESCRIPTION OF THE WORKS	49
C4.2	DRAWINGS	54
C4.4	CONSTRUCTION IN CONFINED AREAS	54
C4.6	TRAFFIC.....	54
C4.8	CLIMATE	54

Information Only

All data and descriptions contained in this section of the contract documents are given for information purposes only and cannot be interpreted as prescriptive or as an instruction despite the fact that the text may give the opposite perspective. If any conflict arises between the content of this section and other sections of the contract documents, the latter take precedence.

C4.1

DESCRIPTION OF THE WORKS

Gerotek test facility, a subsidiary of Armscor SOC, is an internationally accredited multi-disciplinary facility offering various accredited tests. The Access roads leading to the facilities are characterised by dry and brittle road surface, block cracking reflecting through the surface and isolated potholes and base failures.

The description of the works shall inter alia contain the following particulars regarding the work to be constructed and maintained under the contract.

This project is limited to both rigid (concrete) and flexible pavement access roads and the parking areas of the facility as indicated in figure 1 below.



Figure 1: Project Limit

C4.1.1

TRAFFIC ACCOMMODATION

- The following traffic accommodation measures will be required: Where possible works will be undertaken by closing the works section to traffic for the works duration.
- Traffic accommodation may be implemented for half width construction during the construction of seal - but only on the access roads that is utilised daily (Gerotek street). The Client may decide to require half width construction on other streets as well if needed.
- Accommodation of non-motorised and pedestrian traffic; and
- Shoulder closures for short term works (offloading, hauling etc) may also be required and shall be required to obtain specific permission for such closures.

C4.1.2 ACCESS ROADS AND PARKING AREAS WORKS

The contractor's scope of work includes but is not limited to:

- Saw cutting of existing asphalt and pavement layers;
- Cut the tree roots and treat with chemical herbicide;
- Excavate and remove existing pavement material;
- Crack sealing;
- Prime and / or tack cement treated subbase for curing;
- Construct 150mm Emulsion treated base (ETB) layer;
- Construct 35mm Asphalt surfacing (AC) layer;
- Rejuvenate the existing surface;
- Crack seal all the cracks that are still visible once rejuvenation is complete;
- Construction of a new cape-seal using;
- 14mm S-R1 or S-E1 seal & slurry
- Paint new road markings and road studs;
- Installation of regulatory, warning and information sign boards;
- Construction of new kerb and channel stormwater drain (only in new areas should the client feel the need to construct);
- Construction of sub-base in new proposed parking areas;
- Construction of segmental block paving at new parking areas; and
- Installation of new guardrails.

C4.1.3 EXISTING SERVICES

The contractor must locate, identify, and where necessary provide for the protection or relocation of all affected services. Liaison with Gerotek facility managers is critical in this regard.

The location of all traffic signs will be identified by the contractor and re-erect where uv damaged ones are to be repl

C4.1.4 PAVEMENT DESIGN FOR ALL PARTS OF THE TRACK/VARIOUS TRACKS

The pavement is extensively cracked, these cracks are predominantly dry binder (map) cracks, longitudinal and transverse cracks (due to movement of the subgrade). Isolated longitudinal and transverse cracks have spalled are wide (>30mm). base failures that will require patching (where instructed by the engineer).

The below tables show distresses on the access roads.

Table Error! No text of specified style in document.-1: Block Cracking

BLOCK CRACKING					
	Degree 5				
	1	2	3	4	X
	<ul style="list-style-type: none"> • Mostly observed as open cracks (> 5mm) with significant spalling. • Block cracks normally result from chemically stabilized base layers and manifest as reflection cracks through the surfacing layer. However, these block cracks are most likely as a result of the age of the surfacing 				

Table Error! No text of specified style in document.-2: Crocodile Cracks

CROCODILE CRACKS					
	Degree 5				
	1	2	3	4	X
	<ul style="list-style-type: none"> Mostly observed as open cracks (> 5mm) coupled with rutting in the wheel paths. Crocodile cracks form as a result of a base failure and often observed with potholes which result as a secondary distress manifestation. 				

Table Error! No text of specified style in document.-3: Potholes

POTHOLES					
	Degree 3				
	1	2	X	4	5
	<ul style="list-style-type: none"> Mostly observed as < 250mm in diameter and with a depth of less than 30mm. Potholes are a secondary form of distress and develop from cracking, severe ravelling or pavement layer failures. 				

Table Error! No text of specified style in document.-4: Edge Breaks

EDGE BREAKS					
	Degree 3				
	1	2	X	4	5
	<ul style="list-style-type: none"> Mostly observed as > 300mm with the gravel shoulder eroded; The shoulder drop off was mostly less than 50mm Edge breaks are a result of vehicles leaving the surfaced road where there are no edge restraint or edge protection (i.e. edge beams). 				

Table Error! No text of specified style in document.-5: Longitudinal Cracking

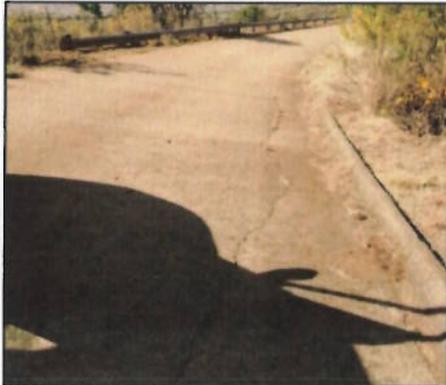
LONGITUDINAL CRACKING					
	Degree 5				
	1	2	3	4	X
	<ul style="list-style-type: none"> • Most often observed as cracks wider than 3mm with spalling. • These cracks often manifest due to incorrect slab dimensions with regards to the length to width ratio or due to loss of support of the supporting pavement layers. 				

Table Error! No text of specified style in document.-6: Shattered Slabs

SHATTERED SLABS					
	Degree 5				
	1	2	3	4	X
	<ul style="list-style-type: none"> • Shattered slabs were recorded infrequently and mostly in an isolated fashion as slabs with 3 or more interconnected cracks. • Shattered slabs occur as a result of repeated loading of the pavement with loss of support of the supporting pavement layers. 				

Table Error! No text of specified style in document.-7: Corner Breaks

CORNER BREAKS					
	Degree 5				
	1	2	3	4	X
	<ul style="list-style-type: none"> • Corner breaks were observed frequently and may result from a dysfunctional joint and with repeated loading. 				

The quality/type of existing pavement materials classification has determined using DCP analysis and the most likely class of material table below indicates the classification.

STREET REF No.	STREET NAME	ROAD TYPE	DCP TEST Point No.	MOST LIKELY MATERIALS CLASSIFICATION ACCORDING TO THE DCP TEST RESULTS (per street per estimated average layer thicknesses of 150mm)				
				Base	Sub-Base	SSG1	SSG2	SSG3
16	GeroTek Street	Road	TP1	G3	G1	G4	G4	G7
			TP2	G4	G4	G4	G5	G4
			TP3	G1	G2	G5	G4	G6
			TP4	G1	G2	G4	G4	G4
			TP5	G4	G4	G4	G6	G6
19	Rough street	Road	TP1	-	G5	G8	G8	G8
			TP2	G1	G2	G5	G3	G5
			TP3	G2	G4	G2	G4	G5
			TP4	G2	G2	G6	G5	G4
20	Gradient street	Road	TP1	G4	G5	G5	G6	G2
			TP2	G1	G1	G4	G4	G4
			TP3	G1	G4	G5	G4	G4
21	Shooting range Street	Road	TP1	G3	G6	G4	G4	G4
			TP2	G1	G1	Refusal	Refusal	Refusal
			TP3	G4	G5	G5	G4	G6
			TP4	G1	G1	Refusal	Refusal	Refusal
			TP5	G1	Refusal	Refusal	Refusal	Refusal
			TP6	G1	G2	Refusal	Refusal	Refusal
			TP7	G3	G5	G5	G6	G5
			TP8	G4	G4	G6	G5	G4
			TP9	G2	G2	Refusal	Refusal	Refusal
			TP10	G4	G1	Refusal	Refusal	Refusal
			TP11	G4	G1	Refusal	Refusal	Refusal
			TP12	G2	G2	G5	G5	G5
22	Restaurant street	Road	TP1	G4	G6	G5	G6	G6
			TP2	G3	G4	G4	G4	G4
			TP3	G1	G3	G4	G4	G4
			TP4	G3	G3	G4	G4	G4
25	Suspension Street	Road	TP1	-	-	G6	G6	G7
26	Camping street	Road	TP1	G4	G5	G4	G4	G4
29	Tank hanger access road	Road	TP1	G4	G5	G6	G7	G4
			TP2	G4	G4	G6	G7	G4
31	Depo street	Concrete Road	TP1	-	G4	G6	G6	G4
			TP2	-	G7	G5	G4	G1
			TP3	-	G7	G6	G2	-
			TP4	-	G6	G7	G8	G8
32	Long Straight Street	Concrete Road	TP1	-	G4	G5	G6	G6
33	Suspension East Street	Concrete Road	TP2	-	G4	G5	G6	G6
			TP6	G2	G4	G6	G4	G5
			TP7	G1	G4	G5	G5	G6

C4.1.5 STRUCTURAL WORKS

No structural work is envisaged, only clearing and/ or cleaning around these structures and installation of danger plates will be implemented.

C4.2 DRAWINGS

The drawings that form part of the tender document are issued for tender purposes only.

The contractor will be supplied with hard copies or an electronic version containing all the construction documentation.

Only figured dimensions may be used and drawings may not be scaled unless so instructed by the engineer. The designer will supply all figured dimensions omitted from the drawings.

C4.4 CONSTRUCTION IN CONFINED AREAS

It will be necessary for the contractor to work within confined areas. In certain cases the width of the fill material and pavement layers may decrease and the working space may be confined. The method of construction in these confined areas largely depends on the contractor's constructional plant.

Regardless, measurement and payment will be in accordance with the specified cross-sections and dimensions only, irrespective of the method used for achieving these cross-sections and dimensions. It is deemed that the rates tendered in the Pricing Schedule include full compensation for all special equipment and construction methods and for all difficulties encountered when working in confined areas and narrow widths, and at or around obstructions. No extra payment will be made nor will any claim for additional payment be considered in such cases. (Refer to standard specification sub-clause C1.1.3.2(b)).

C4.6 TRAFFIC

Traffic varies during the week and / or time of month with no specific volumes obtainable or with reasonable long-term forecast. Lane closures will be implemented during the construction period as specified on the construction drawings or otherwise directed by the Client and / or the Client's Agent.

C4.8 CLIMATE

The climate is temperate and semi-arid. The average daily maximum and minimum temperatures for Brits (30km from Gerotek as the crow flies) are illustrated in **Figure C4.8.1** and range from:

Average daily maximum of 28°C in January to 17°C in June

Average daily minimum of 2°C in June and July and 15°C in January and February

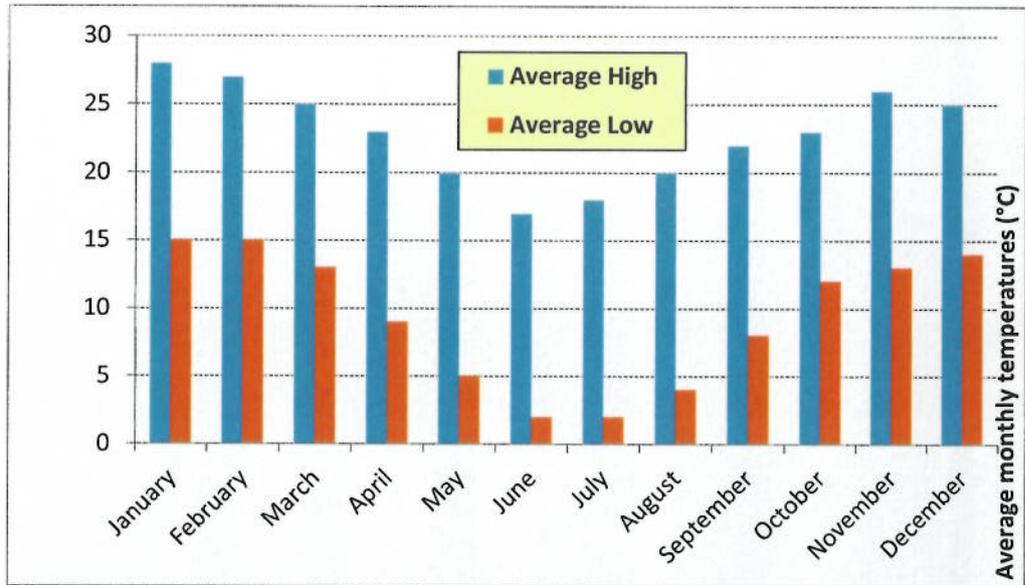


FIGURE C4.8.1: AVERAGE MONTHLY TEMPERATURES FOR BRITS

Rainfall is seasonal, with most rainfall occurring in the summer months between October and April. The average annual rainfall for Brits is 481 mm. The historical monthly averages are displayed in **Figure C4.8.2** and range from 1 mm in June to 111 mm in January. Average rain days are also shown in the figure, ranging from 2 days in June to 10 days in January.

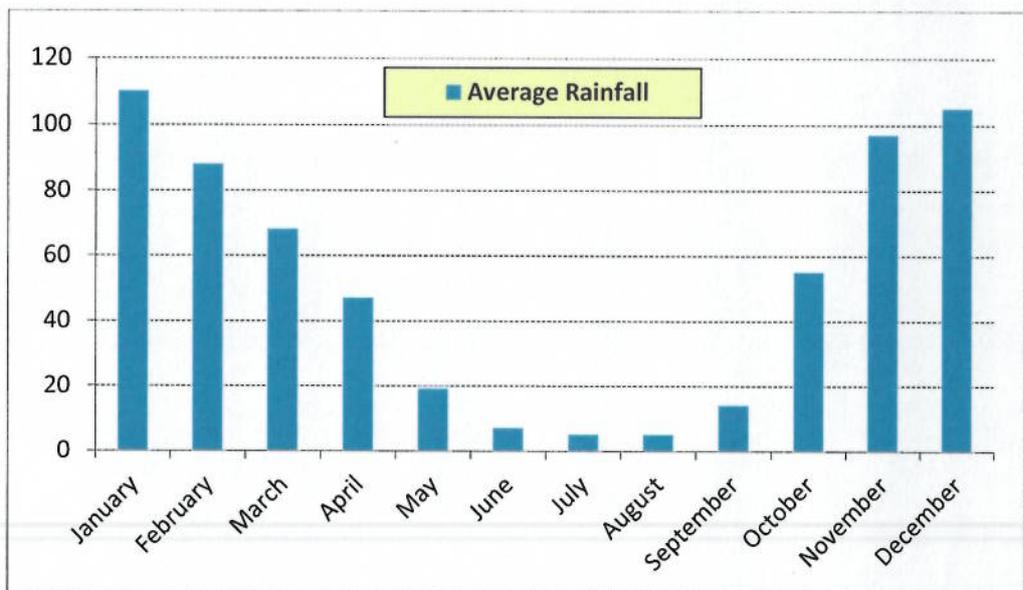


FIGURE C4.8.2: AVERAGE MONTHLY RAINFALL AND RAIN DAYS FOR BRITS

The section under consideration falls within a moderate to dry macro climatic region with a Weinert's N value of 2-5 or higher (see **Figure C4.8.3**). Weinert's N value provides an indication of the mode of weathering of rocks, and the associated variation in performance of the weathered materials.

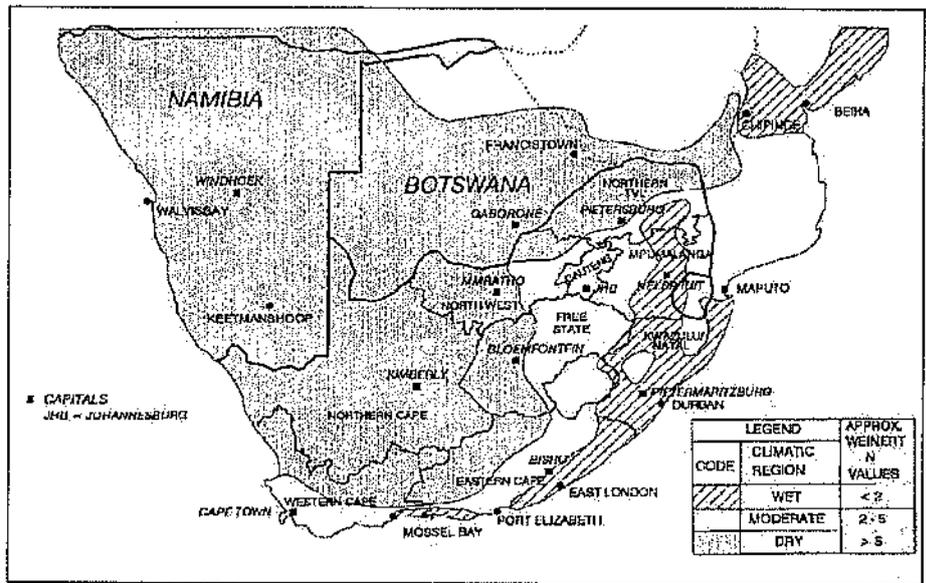


FIGURE C4.8.3: MACRO CLIMATIC REGIONS OF SOUTH AFRICA

BILL OF QUANTITIES

PAGE 1-9

GENERAL REQUIREMENTS AND PROVISIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C1.2.2	Programming and Reporting				
C1.2.2.1	Submission of a Scheme 1 Programme	lump sum	lump	sum	R
C1.2.2.2	Reviewing and updating a Scheme 1 Programme	month	3		
C1.2.5	Safety				
C1.2.5.1	Health and safety plan	lump sum	lump	sum	R
C1.2.5.2	Implementation of health and safety plan	month	3		
C1.2.8	Dayworks				
C1.2.8.1	Personnel				
	(a) Unskilled labourer	hour (h)	20		
	(b) Semi-skilled labourer	hour (h)	20		
	(c) Skilled labourer	hour (h)	20		
	(d) Gang leader	hour (h)	20		
	(e) Foreman	hour (h)	20		
C1.2.8.2	Construction equipment (specify size and/or model number)				
	(c) Pneumatic roller	hour (h)	10		
	(d) Front end loader	hour (h)	10		
	(g) Compressor	hour (h)	20		
C1.2.8.4	Materials				
	(a) Procurement of materials	provisional sum	Prov	Sum	R 100 000.00
	(b) Contractor's handling costs, profit and all other charges in respect of item C1.2.8.4(a)	percentage (%)	R 100 000.00		
C1.2.9	Disposal of non-useable assets				
C1.2.9.1	Disposal of non-useable assets identified in the Contract Documentation at time of tender (list items and quantity)	rate (per asset)			
C1.2.9.2	Disposal of non-useable assets not identified at time of tender	provisional sum	Prov	Sum	R 20 000.00
C1.2.9.3	Handling cost, profit and all other charges in respect of item C1.2.9.2	percentage (%)	R 20 000.00		R
TOTAL CARRIED FORWARD TO SUMMARY					R

CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
PC1.3.1	The Contractor's general obligations				
C1.3.1.1	Fixed obligations	lump sum	lump	sum	R
C1.3.1.2	Value-related obligations	lump sum	lump	sum	R
C1.3.1.3	Time-related obligations				
	(a) Mobilisation period:	month			R
	(b) Execution of the works	month	3	R	R
TOTAL CARRIED FORWARD TO SUMMARY					
					R

C1.5

ACCOMMODATION OF TRAFFIC

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C1.5.2	Accommodation of vehicular traffic	month	3	R	R
TOTAL CARRIED FORWARD TO SUMMARY					
					R

SEGMENTAL BLOCK PAVING LAYERS

C6.2

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C6.2.1	Segmental block paving				
C6.2.1.1	Concrete block paving (indicate class, type and thickness of blocks)	square metre (m2)	30		
TOTAL CARRIED FORWARD TO SUMMARY					
					R

C7.2

REPAIR TO EXISTING JOINTS AND UNCONTROLLED CRACKS IN CONCRETE PAVEMENTS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C7.2.1.5	Saw cutting of cracks and joints in one operation (indicate depth and width)	metre (m)	1250	R	R

PATCHING AND EDGE BREAK REPAIR

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C8.8.1	Saw cutting pavement layers for patching				
C8.8.1.1	Asphalt or bituminous surfacing to an average depth				
	(a) Not exceeding 50mm	metre (m)	300	R	R
C8.8.4.3	Asphalt for a patch with a surface area (state type and density)				
	(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	ton (t)	30	R	R
	(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	ton (t)	100	R	R
TOTAL CARRIED FORWARD TO SUMMARY					
					R

ASPHALT LAYERS

GENERAL REQUIREMENTS FOR SURFACE TREATMENTS					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C8.1.1.5.2	Rehabilitation				
(e)	Sand skeletal mix - continuously graded 35mm, FG58S-22, 10mm MMP'S sand skeletal mix, Level 1A, Grading Class 2)	ton (t)	3200	R	R
C8.1.1.14	Surface regularly testing as described in Clause A8.1.8.4				R
TOTAL CARRIED FORWARD TO SUMMARY					

ROAD SIGNS

C11.6

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
PC11.6.1	Road signboards with painted or coloured semi-matt background, symbols, lettering and borders in semi-matt black or in Class I retro-reflective material, where the sign board is constructed from.				
C11.6.1.7	Regulatory signs, permanent				
	600mm diameter (signboard material, background and symbol retro-reflective class indicated)	number (No.)		R	R
	900mm diameter (signboard material, background and symbol retro-reflective class indicated)	number (No.)	32	R	R
C11.6.1.9	Warning signs, permanent				
	600mm size (signboard material, background and symbol retro-reflective class indicated)	number (No.)	16	R	R
TOTAL CARRIED FORWARD TO SUMMARY					

C11.7

ROAD MARKINGS AND ROAD STUDS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
C11.7.2	Retro-reflective Road marking:				
	White lines broken or unbroken (paint type and width of line indicated)	kilometre (km)	6	R	R
	Yellow lines broken or unbroken (paint type and width of line indicated)	kilometre (km)	1B	R	R
TOTAL CARRIED FORWARD TO SUMMARY					

C20.1

TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMT
PC20.1.6	Payment of independent site laboratory				
C20.1.6.1	Direct payment by contractor	prime cost (PC) sum	Prime	Cost	R 100 000.00
	Handling cost and profit in respect of item: PC20.1.6.1	Percentage (%)	R 100 000.00		R
TOTAL CARRIED FORWARD TO SUMMARY					

C2.3 SUMMARY OF PRICING SCHEDULE

GENERAL

C1.2 GENERAL REQUIREMENTS AND PROVISIONS R

C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS R

C1.5 ACCOMMODATION OF TRAFFIC

DRAINAGE

C3.1 DRAINS R

C3.2 CULVERTS

C3.3 CONCRETE KERBING AND CHANNELLING, ASPHALT BERMS, CHUTES, DOWNPIPES, AS WELL AS CONCRETE, STONE PITCHED AND GABION LININGS FOR OPEN DRAINS

CONCRETE LAYERS

C6.1 PAVEMENT LAID CONCRETE LAYERS R

C6.2 SEGMENTAL BLOCK PAVING LAYERS R

PRETREATMENT AND REPAIR EXISTING LAYERS

C8.5 STANDARD CRACK SEALING R

C8.8 PATCHING AND EDGE BREAK REPAIR R

C8.9 REPAIR OF SURFACE DEFECTS R

ASPHALT LAYERS

C9.1 ASPHALT LAYERS R

SURFACE TREATMENTS

C10.1 GENERAL REQUIREMENTS FOR SURFACE TREATMENTS R

ANCILLARY ROAD WORKS

C11.6 ROAD SIGNS R

C11.7 ROAD MARKINGS AND ROAD STUDS R

QUALITY ASSURANCE

C20.1 TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP R

SUBTOTAL A

SUBTOTAL B

VALUE ADDED TAX:

15% of Subtotal

TOTAL CARRIED TO KD17 PRICE SCHEDULE

R0.00

SIGNED BY TENDERER:

**CONSTRUCTION INDUSTRY
DEVELOPMENT BOARD (CIDB)**

PAGE 1-17

CONSTRUCTION INDUSTRY DEVELOPMENT BOARD

**STANDARD FOR UNIFORMITY IN ENGINEERING AND CONSTRUCTION
WORKS CONTRACTS**

AUGUST 2019

- Annex A: Standard Tender Notice and Invitation to Tender
- Annex C: Standard Conditions of Tender
- Annex F: Record of Addenda to Tender Documents
- Annex G: Compulsory Enterprise Questionnaire

Annex A

Standard Tender Notice and Invitation to Tender

ARMSCOR invites tenders for Repairs and Rehabilitation of Access Roads and Parking Areas at Gerotek Test Facilities

It is estimated that tenderers must have a CIDB contractor grading of 6SB or 6CE or higher.

Queries relating to the issue of these documents may be addressed to Ms M Mphela, Tel No. (012) 428 2199. E-Mail , abtenders@armscor.co.za

A compulsory clarification meeting with representatives of the Employer will take place at Gerotek Test Facilities. on 26 February 2026. starting at 10h00. hrs.

The closing time for receipt of tenders is 11h00 hrs on 11 March 2026
Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted.

Tenders must only be submitted on the tender documentation that is issued.

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

CIDB Annexure B form of offer and acceptance

The Standard Conditions of Tender for Procurement make several references to the Bid Data for details that apply specifically to this bid. The Armscor bid conditions shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the Clause in the CIDB Standard Conditions of Tender to which it mainly applies.

Terminologies	Description
Tender	Tender means "Bid or RFB" in this bid document
Tenderer	Tenderer means a "Bidder" in this bid document
Contract documents	May be referred to as "Scope of Work" in this bid document
Employer	Employer means Armscor
Annexure B, D,E	Not included
Clause number (CIDB)	Bid Data
Annexure C	
C.1.1	The Employer is Armscor
C.1.2	The tender documents issued by the Employer are detailed on the contents page of this bid document.
C.1.4	Each communication to and from the bidder(s) and the procuring entity (Armscor) shall be sent to and received from Aopts@armscor.co.za and not any other Armscor or its official(s) email address, or Armscors' Consulting Engineer
C.1.5.3	Not Applicable to this Bid
C.1.6	The whole of 1.6 is not Applicable to this Bid The Employer shall evaluate this bid in accordance with the evaluation criteria stated in this bid.
C.2.7	The arrangement for a site meeting (where applicable) is as stated in the Notice and Invitation to Bid.
C.2.13.5	Bidders must submit one (1) copy of the bid document and returnables unless stated in the bid document.
C.2.13.9	Bids must be submitted in a sealed envelope marked with this bid reference number. The sealed envelope must be deposited in the bid box at Armscor Head Office, Visitors Entrance (Block) 8 before the bid closing date and time addressed to: The Manager: R&D Procurement Secretariat Armscor SOC Ltd Postal address: Armscor SOC Ltd Private Bag X337 Pretoria, 0001 Delivery address: Armscor Head Office 370 Nossob Street Erasmuskloof Ext 4 Pretoria
C.2.15	The closing time for submission of bid offers is as stated in the Bid Notice and Invitation to Bid NB: No bid submission will be processed after the closing date and time.
C.2.23	List of Returnable Documents for a comprehensive list of certificates and additional documents required for submission with this bid.

C.2.6	Also referred to as Erratum
C.3.4	Not Applicable to this Bid
C.3.11	Armcor's evaluation process comprises of the following steps. Evaluation criteria to be utilised for this bid are contained in the Evaluation criteria of this bid
C3.11.2	Weighting is only applicable when specified in the critical criteria

Annex C

Standard Conditions of Tender

C.1 General

C.1.1 Actions

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in C.2 and C.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

C.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.

2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

C.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

C.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

C.1.3 Interpretation

C.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the tender data and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

a) **conflict of interest** means any situation in which:

- i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
- ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
- iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.

b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;

- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

C.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if-

- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.
- d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised

C.1.5.3 An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

C.1.6 Procurement procedures

C.1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to C.3.13, be concluded with the tenderer who in terms of C.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of C.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2 All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information.

Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

C.1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

C.1.6.3.2 Option 2

C.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

C.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

C.2 Tenderer's obligations

C.2.1 Eligibility

C.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

C.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

C.2.2 Cost of tendering

C.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

C.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

C.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

C.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

C.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

C.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

C.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.

C.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

C.2.10 Pricing the tender offer

C.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable fourteen (14) days before the closing time stated in the tender data.

C.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

C.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

C.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

C.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

C.2.12 Alternative tender offers

C.2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as

a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

C.2.12.2 Accept that an alternative tender offer must be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

C.2.13 Submitting a tender offer

C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

C.2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

C.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

C.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

C.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

C.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

C.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

C.2.15 Closing time

C.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

C.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

C.2.16 Tender offer validity

C.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

C.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).

C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as "SUBSTITUTE".

C.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

C.2.18 Provide other material

C.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment.

Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

C.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

C.2.20 Submit securities, bonds and policies

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

C.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

C.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within twenty-eight (28) days after the expiry of the validity period stated in the tender data.

C.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

C.3 The employer's undertakings

C.3.1 Respond to requests from the tenderer

C.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the Tender Data and notify all tenderers who collected tender documents.

C.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

C.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.

C.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

C.3.4 Opening of tender submissions

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request.

C.3.5 Two-envelope system

C.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time

and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

C.3.5.2 Evaluate functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

C.3.6 Non-disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

C.3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

C.3.8 Test for responsiveness

C.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

C.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

C.3.9 Arithmetical errors, omissions and discrepancies

C.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

C.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with C.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;

- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - (i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - (ii) the summation of the prices.

C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.

C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

C.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

C.3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project.

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures.

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:	
Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers

- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

C.3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

C.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

C.3.13 Acceptance of tender offer

Accept the tender offer; if in the opinion of the employer, it does not present any risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement;
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract;
- c) has the legal capacity to enter into the contract;
- d) is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
- e) complies with the legal requirements, if any, stated in the tender data; and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

C.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents and
- c) other revisions agreed between the employer and the successful tenderer.

C.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

C.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

C.3.16 Registration of the award

An employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the cidb Register of Projects.

C.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

C.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

Annex F

Record of Addenda to Tender Documents

The undersigned confirm that the following communications received from the employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed		Date	
Name		Position	
Tenderer			

Annex G

Compulsory Enterprise questionnaire

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: cidb registration number, if any:

Section 4: CSD number:

Section 5: Particulars of sole proprietors and partners in partnerships:

Name*	Identity number*	Personal income tax number*

** Complete only if sole proprietor or partnership and attach separate page if more than 3 partners*

Section 6: Particulars of companies and close corporations

Company registration number:

Close corporation number:

Tax reference number:

Section 7: SBD4 issued by National Treasury must be completed for each tender and be attached as a tender requirement.

Section 8: SBD 6 issued by National Treasury must be completed for each tender and be attached as a tender requirement.

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the employer to verify the tenderers tax clearance status from the South African Revenue Services that it is in order;
- ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed		Date	
Name		Position	
Enterprise name			