



Request for Quotation (RFQ)

For the construction of a 100m pavement structure, including excavation, seal design and supply of material to the CSIR: unbound, bound and ash materials.

RFQ Number: 6273/26/04/2024

Date of issue	Thursday, 4 April 2024	
Compulsory Site Inspection	Date and Time	Date: Monday, 15 April 2024 Time: 10H00
	Address	University of Pretoria – Engineering 4.0 GPS: -25.742266, 28.259338 Off Voortrekker Street Entrance via corner Burnett and Richard Street Pretoria
Last date for submission of enquiries/clarifications	Friday, 19 April at 16h30	
Closing Date and Time	Date: Friday, 26 April 2024 Time: 16h30 (late submissions will not be accepted)	
RFQ Validity Period	90 calendar days (Commencing from the RFQ closing date)	
Enquiries and submission of proposals	For submission of quotations or any other enquiries: Email: tender@csir.co.za (Please use RFQ No and RFQ Description as subject reference)	
CSIR Hours	08h00 – 16h30	

1 INTRODUCTION

The Council for Scientific and Industrial Research (CSIR) is one of the leading scientific research and technology development organisations in Africa. In partnership with national and international research and technology institutions, the CSIR undertakes directed and multidisciplinary research and technology innovation that contributes to the improvement of the quality of life of South Africans. The CSIR's main site is in Pretoria while it is represented in other provinces of South Africa through regional offices.

2 INVITATION FOR QUOTATION

Quotations are hereby invited for the construction of a 100m pavement structure, including excavation, seal design and supply of material to the CSIR: unbound, bound and ash materials.

CSIR Smart Mobility would like to procure the services from service providers for the construction of a 100m pavement structure at the University of Pretoria for a Client Research Project. The service is to include seal design, the excavation and supply of road building material. The material to be used is granular, alternative ash and bound (pavement seal) material.

The research project is per the Client (Eskom RTD) requirements to understand the behaviour of ash-based material using alternative ash material from the power generation process and use in the road industry. Upon the construction of the pavement structure, the Heavy Vehicle Simulator (HVS) would be used to test the performance of the alternative ash-based material, for the development of guidelines for the client. Bidders are not expected to provide quotations for the HVS and guideline development.

Description of the services requested: The construction of a 100m pavement structure, including seal design, the excavation and supply of material to the University of Pretoria – Eng 4.0, unbound (granular and alternative ash material) and bound layers (seal design).

3 SCOPE OF WORK

The project requires that the bidder fulfil the requirements for the two main components below:

- Excavation
- Seal design
- Supply of materials
- Pavement Construction
- Quality Assurance

The detailed scope of work is outlined under **Annexure A**

4 PRICING REQUIREMENTS

- 4.1 Pricing must be provided in South African Rand (including all applicable taxes less all unconditional discounts).
- 4.2 Prices that are subject to escalation and exchange rate fluctuations are to be clearly indicated, with the currency and ROE used in the quotation must be clearly indicated.
- 4.3 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.4 Payment will be according to the [CSIR Payment Terms and Conditions](#).
- 4.5 Please provide a detail pricing using a Pricing Schedule outlined under **Annexure B**.

Bidders are to price their quotations using the Bill of Quantities. Explanatory notes must be provided in the quotation when deviating from the Bill of Quantities

5 RETURNABLES

Returnables are required for evaluation purposes. Bidders' responses will be evaluated based on compliance with the listed administration and mandatory bid requirements. The bidder(s) proposal may be disqualified for non-submission of any of the documents.

5.1 Essential Returnable Documents

Without limiting the generality of the CSIR's other critical requirements for this Bid, bidder(s) must submit the documents listed in Table 1 below. All documents must be completed and signed by the duly authorized representative of the prospective bidder(s).

Please confirm submission of the Essential Returnable Documents detailed below by so indicating [Yes or No] in the table below:

Table 1

ITEM NO.	ESSENTIAL RETURNABLE DOCUMENTS	SUBMITTED [Yes/No]
1	Annexure C: Standard Bidding Document (SBD) 1 Form	
2	Annexure D: Standard Bidding Document (SBD) 4 Form	
3	Annexure E: Preference Points Award Form(Mandatory documents to claim preference points)	
4	Bidder must submit a valid and active proof of all risk insurance cover of a minimum of R10m from a registered financial policy insurer. The preferred bidder would need to submit the proof of cover within 7 days upon request.	
5	Original quotation on company letterhead	
6	CIDB CRS No.	

5.2 Mandatory Returnable Documents

Failure to submit **all** Mandatory Returnable Documents by the closing date and time of this RFQ will result in a Respondent's disqualification. Bidders are therefore urged to ensure that all these documents are returned with their RFQ.

Please confirm submission of the Mandatory Returnable Documents detailed below by so indicating [Yes or No] in the table below:

Table 2

ITEM NO.	MANDATORY RETURNABLE DOCUMENTS	SUBMITTED [Yes/No]
1	In the case of Joint Ventures, bidder must submit a copy of the signed Joint Venture Agreement.	
2	In the case of subcontracting arrangements, bidder must submit a copy of the signed subcontracting agreement.	
3	Annexure B: Completed Bill of Quantities.	
4	Bidder must submit a valid letter of good standing (COIDA) relevant to the scope of work, issued by the Department of Employment and labour Compensation Fund or private assurer.	
5	Bidder must submit proof of registration with South African Council for the Project and Construction Management Professions (SACPCMP), for Construction / Site Manager.	
6	Bidder must submit a minimum of three (3) contactable references for similar projects (road construction work) completed between 2018 and 2024. Purchase orders and appointment letters will not be considered as references.	

6 EVALUATION PROCESS AND CRITERIA

The RFQ will be evaluated as per the following:

Phase 1 – Elimination Criteria

The bidders will be evaluated on the elimination criteria as stated in Point 6.1 below. Bidders that are eliminated during this phase will not be evaluated further on price and preference points.

Phase 2 – Price and Preference Points Evaluation

Bidders will be evaluated as per the preference points system stated in point 6.2 below.

6.1 Elimination Criteria

Bidders will be eliminated if they fail to provide the following information:

- a) Bidder that submit late bids will not be considered.
- b) Bidder that submit to the incorrect location or email address will not be considered.
- c) Bidder that fails to attend the compulsory site inspection will not be considered.
- d) Bidder who does not have a valid and active CIDB of 2CE or higher will not be considered.
- e) Bidder that is listed on the NT database of restricted suppliers will not be considered.
- f) Bidder that is registered on the NT Register of Tender Defaulters will not be considered.
- g) Bidder that did not submit mandatory returnable documents as listed on paragraph 5.2 (**Table 2**).
- h) Bidder that fail to meet the specification requirements will not be considered.

6.2 Preferential Points System Evaluation Criteria

Selection of suppliers will be based on the 80/20 preference point system as stipulated in **Annexure E: Preference Points Award Form**.

7 OBJECTIVE CRITERIA

The CSIR reserves the right to award this tender to a bidder that did not score the highest total number of points in accordance with Section (2) (1) (f) of the PPPFA (Act 5 of 2000)", under the following conditions:

- The directors, shareholders or officers of the bidder must not be formally charged of fraudulent or illegal conduct which could harm the CSIR's reputation by associating with the bidder.

8 SUBMISSION REQUIREMENTS

- 8.1 All quotations must be submitted electronically to tender@csir.co.za
- 8.2 Respondents must use the RFQ number and RFQ Description as the subject reference number when submitting their bids.
- 8.3 The email and file sizes must not exceed a total of 25MB per email.
- 8.4 Documents submitted via cloud solutions such as: WeTransfer, Google Drive, Dropbox, etc. will not be considered.
- 8.5 The naming / labelling syntax of files or documents must be short and simple.

9 CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)

- 9.1 Only those tenderers who are registered with the CIDB or are capable of being so prior to the closing date and time of this RFQ submissions, with a grading of **2CE or higher** class of construction works, will be considered.
- 9.2 Joint ventures are eligible to **submit** proposals provided that:
- Every member of the joint venture is registered with the CIDB;
 - The lead partner has a contractor grading designation in the **2CE or higher** class of construction work; or not lower than one level below the required grading designation in the class of works construction works under consideration and possess the required recognition status;
 - The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to **2CE or higher** class of construction work.

10 MEDIUM OF COMMUNICATION

All documentation submitted in response to this RFQ must be in English.

11 CORRECTNESS OF RESPONSES

- 11.1 The bidder must confirm satisfaction regarding the correctness and validity of their proposal and that all prices and rates quoted cover all the work/items specified in the RFQ. The prices and rates quoted must cover all obligations under any resulting contract.
- 11.2 The bidder accepts that any mistakes regarding prices and calculations will be at their own risk.

12 VERIFICATION OF DOCUMENTS

- 12.1 Bidders should check the numbers of the pages to satisfy themselves that none are missing or duplicated. No liability will be accepted by the CSIR in regard to anything arising.
- 12.2 Pricing schedule and specific goals credentials should be submitted with the RFQ response.

13 PREPARATION COSTS

The Bidder will bear all its costs in preparing, submitting and presenting any response or Tender to this bid and all other costs incurred by it throughout the bid process. Furthermore, no statement in this bid will be construed as placing the CSIR, its employees or agents under

any obligation whatsoever, including in respect of costs, expenses or losses incurred by the bidder(s) in the preparation of their response to this bid.

14 OTHER TERMS AND CONDITIONS

- 14.1 No bidder shall under any circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
- 14.2 Bidders shall not assume that information and/or documents supplied to CSIR, at any time prior to this request, are still available to CSIR, and shall consequently not make any reference to such information document in its response to this request.
- 14.3 Changes by a bidder to its submission will not be considered after the closing date and time.
- 14.4 Bidders confirm that by submitting a tender, they confirm that I am satisfied with regards to the correctness and validity of my quotation; that the price(s) and rate(s) quoted cover all the services specified in the quotation documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
- 14.5 Bidders further confirm that by submitting a tender, they accept to take accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on them under this RFQ as the principal liable for the due fulfilment of this RFQ process.
- 14.6 No goods and/or services shall be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to the supplier.

15 SPECIAL CONDITIONS

The CSIR reserves the right to

- 14.1. Extend the closing date of this RFQ;
- 14.2. Correct any mistakes at any stage of the tender that may have been in the Bid documents or occurred at any stage of the tender process;
- 14.3. Verify any information contained in the bidder's submission;
- 14.4. Request documentary proof regarding the bidder's submission;
- 14.5. Carry out site inspections, product evaluations or explanatory meetings in order to verify the nature and quality of the product/service offered by the bidder(s) or verify any information whether before or after the adjudication of this RFQ;
- 14.6. Award this tender to a bidder that did not score the highest total number of points, only in accordance with Section 2(1)(f) of the PPPFA (Act 5 of 2000);
- 14.7. Request audited financial statements or other documents for the purpose of a due diligence exercise to determine if the bidder will be able to execute the contract;

- 14.8. Award this RFQ as a whole or in part;
- 14.9. Award this RFQ to multiple bidders;
- 14.10. Cancel and/or terminate the tender process at any stage, including after the Closing Date and/or after presentations have been made, and/or after tenders have been evaluated and/or after the preferred bidder(s) have been notified of their status as such;
- 14.11. Post tender negotiate on any elements on the bid, including but not limited to technical, transformation, price, and contractual terms and conditions.;
- 14.12. Not to award a contract to a bidder who is associated with a security breach that materially adversely affects other entities or if any directors or officers of a bidder are formally charged of fraudulent or illegal conduct which, would harm the CSIR's reputation by its continued association with the bidder.

16 CONFIDENTIALITY

Some of the information contained in the Tender Documents may be of a confidential nature and must only be used for purposes of responding to this RFQ. This confidentiality clause extends to bidder partners whom you may decide to involve in preparing a response to this RFQ.

Except as may be required by operation of law, by a court or by a regulatory authority having appropriate jurisdiction, no information contained in or relating to this bid or a bidder's tender(s) will be disclosed by any bidder or other person not officially involved with the CSIR's examination and evaluation of a Tender.

No part of the bid may be distributed, reproduced, stored or transmitted, in any form or by any means, electronic, photocopying, recording or otherwise, in whole or in part except for the purpose of preparing a Tender. This bid and any other documents supplied by the CSIR remain proprietary to the CSIR and must be promptly returned to the CSIR upon request together with all copies, electronic versions, excerpts or summaries thereof or work derived there from.

Throughout this bid process and thereafter, bidder(s) must secure the CSIR's written approval prior to the release of any information that pertains to (i) the potential work or activities to which this bid relates; or (ii) the process which follows this bid. Failure to adhere to this requirement may result in disqualification from the bid process and civil action.

17 PROTECTION OF PERSONAL INFORMATION

- 17.1 Each Party consents to the other Party holding and processing "personal information" (as defined in the POPI Act) relating to it for legal, personnel, administrative and management purposes (including, if applicable, any "special personal information" relating to him/her, as defined in the POPI Act). Notwithstanding the generality of the aforesaid, each Party hereby

undertakes to comply with all relevant provisions of the POPI Act and any other applicable data protection laws. The Client further agrees to comply with all CSIR's reasonable internal governance requirements pertaining to data protection.

- 17.2 Each Party consents to the other Party making such information available to those who provide products or services to such parties (such as advisers, regulatory authorities, governmental or quasi-governmental organisations and potential purchasers of such Party or any part of their business).
- 17.3 The Client consents to the transfer of such information to CSIR's business contacts outside South Africa in order to further its business interests.
- 17.4 While performing any activity where a Party is handling personal information as a "responsible party" (as defined in the POPI Act), each Party undertakes that it will process the personal information strictly in accordance with the terms of the POPI Act, this Contract, and the other Party's instructions from time to time, and take appropriate operational measures to safeguard the data against any unauthorised access.
- 17.5 Each Party acknowledges that in the course of conducting business with each other, each Party intends to maintain and process personal information about the other Party in an internal database. By signing this Contract, each Party consents to the maintenance and processing of such personal information.
- 17.6 Where relevant, the Client shall procure that all of its personnel, agents, representatives, contractors, sub-contractors and mandataries shall comply with the provisions of this clause 17 (Personal Information). The CSIR shall be entitled on reasonable notice to conduct an inspection or audit Client's compliance with the requisite POPI Act safeguards.

18 INDEMNITY

If a bidder breaches the conditions of this bid and, as a result of that breach, the CSIR incurs costs or damages (including, without limitation, the cost of any investigations, procedural impairment, repetition of all or part of the bid process and/or enforcement of intellectual property rights or confidentiality obligations), then the bidder indemnifies and holds the CSIR harmless from any and all such costs which the CSIR may incur and for any damages or losses the CSIR may suffer.

19 TAX COMPLIANCE

No tender shall be awarded to a bidder who is not tax compliant. If a recommended bidder is not tax compliant, the bidder will be notified in writing of their non-compliant status and the bidder will be requested to submit written proof from SARS of their tax compliant status or proof that they have made an arrangement to meet their outstanding tax obligations within seven (7) working days. Should they fail to do so CSIR will reject their bid.

The CSIR reserves the right to withdraw an award made, or cancel a contract concluded with a successful bidder in the event that it is established that such bidder was in fact not tax compliant at the time of the award or has submitted a fraudulent Tax Clearance Certificate to the CSIR, or whose verification against the Central Supplier Database (CSD)

proves non-compliant. The CSIR further reserves the right to cancel a contract with a successful bidder in the event that such bidder does not remain tax compliant for the full term of the contract.

20 LIMITATION OF LIABILITY

A bidder participates in this bid process entirely at its own risk and cost. The CSIR shall not be liable to compensate a bidder on any grounds whatsoever for any costs incurred or any damages suffered as a result of the Bidder's participation in this Bid process.

21 MISREPRESENTATIONS DURING THE LIFECYCLE OF THE CONTRACT

- 21.1 The bidder should note that the terms of its Tender will be incorporated in the proposed contract by reference and that the CSIR relies upon the bidder's Tender as a material representation in making an award to a successful bidder and in concluding an agreement with the bidder.
- 21.2 It follows therefore that misrepresentations in a Tender may give rise to service termination and a claim by the CSIR against the bidder notwithstanding the conclusion of the Service Level Agreement between the CSIR and the bidder for the provision of the Service in question. In the event of a conflict between the bidder's proposal and the Service Level Agreement concluded between the parties, the Service Level Agreement will prevail.

22 DISCLAIMER

This RFQ is a request for Quotations only and not an offer document. Answers to this RFQ must not be construed as acceptance of an offer or imply the existence of a contract between the parties. By submission of its proposal, bidders shall be deemed to have satisfied themselves with and to have accepted all Terms & Conditions of this RFQ. The CSIR makes no representation, warranty, assurance, guarantee or endorsements to bidder concerning the RFQ, whether with regard to its accuracy, completeness or otherwise and the CSIR shall have no liability towards the bidder or any other party in connection therewith.

23 NATIONAL TREASURY CENTRAL SUPPLIER DATABASE

- 23.1 Bidders are required to be registered on the Central Supplier Database and the National Treasury shall verify the bidder's tax compliance status through the Central Supplier Database. Registrations can be completed online at: www.csd.gov.za;
- 23.2 Where Consortia / Joint Ventures / Sub-contractors are involved, each party must be registered on the Central Supplier Database and their tax compliance status will be verified through the Central Supplier Database.

Annexure A

Scope of Work

Request for Quotation for the supply of construction services - For the construction of a 100m pavement structure, seal design, excavation services and supply of material at the University of Pretoria to the CSIR: unbound, bound and ash materials.

(a) Overview

CSIR Smart Mobility would like to procure the services from service providers for the construction of a 100m pavement structure at the University of Pretoria for a Client Research Project. The service is to include a seal design, excavation and supply of road building material. The material to be used is granular, alternative ash and bound (pavement seal) material.

(b) Requirements

The project requires that the bidder fulfil the requirements for the five main components below:

- Excavation
- Seal design
- Supply of materials
- Pavement Construction
- Quality Assurance

(c) Location

The location of the test section in which the demolition and pavement construction is to occur is at the University of Pretoria Engineering 4.0 campus in Hatfield (Koedoespoort, Pretoria). Access to the site for the construction activities will be discussed at the briefing session, as there is a lower security entrance via the N4 highway.

The briefing session is scheduled to take place on the Engineering 4.0 campus (GPS: - 25.742266, 28.259338), access to the site is through the UP entrance of Jan Shoba and Burnett Street.

(d) Excavation Requirements

The removal and disposal of a natural material that is no longer required. Material to be excavated is 300mm in depth next to an existing constructed section. The width of the section to be excavated is 100m x 3m. There is adequate room for manoeuvrability of construction vehicles. The excavation and construction requirements are to align with a level surface. Material disposal sites and use are to be sourced by the bidder. The excavation is to align with 300mm depth of construction activities.

Bidders are to be made aware that this RFQ may be awarded as a whole, in part, or to multiple bidders. Post-tender negotiations on any elements on the bid, including but not limited to technical, transformation, price, contractual terms and conditions.

It is to be noted that the excavation is next to an existing pavement structure, currently used by the CSIR for research. Construction activities, vehicles, manoeuvrability and heavy disturbances of the existing section must be limited. Major disturbances to the section are to be reported to the RE, CSIR or UP representative.

The site at the University of Pretoria (Engineering 4.0) does have an area to temporarily store the material before being hauled. The bidder is requested to complete the process in a safe and environmentally friendly manner. The estimated volume of material to be excavated and hauled is 90m³.

(e) Construction Requirements

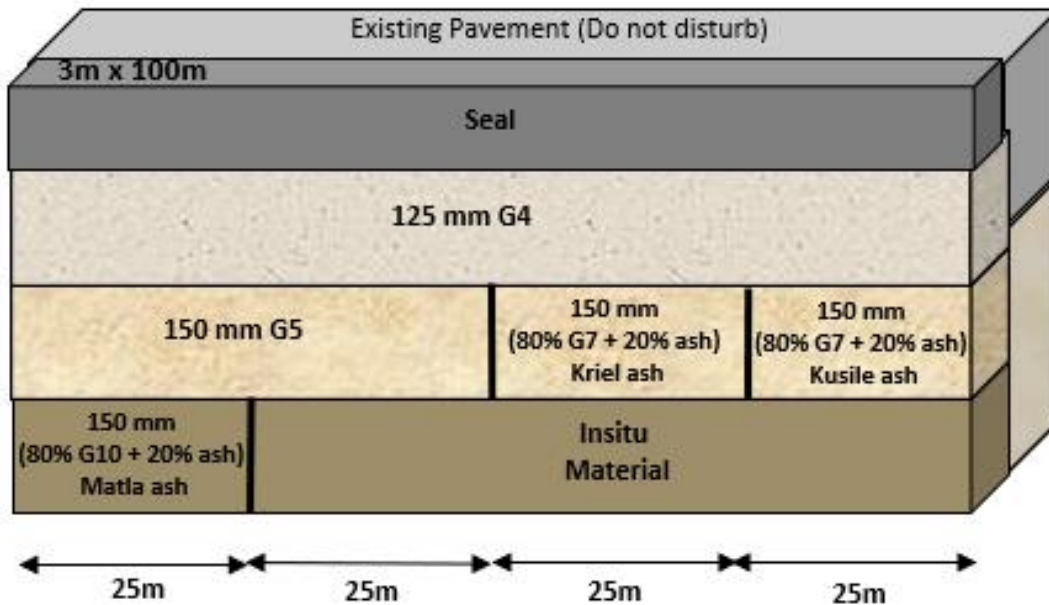
- Pavement Design

The pavement design is as per structures below, consisting of three sections utilising blended ash material as well as a control section. Each section is 25 metres in length and 3 metres width. The design conforms to a paved low volume road (Category C) to accommodate 1.0 MESA.

Pavement structure for construction (1 control section, 3 ash sections)

Seal	Seal	Seal	Seal
125 mm G4	125 mm G4	125 mm G4	125 mm G4
150 mm G5	150 mm G5	150 mm (80% G7 + 20% ash) <i>Kriel ash</i>	150 mm (80% G7 + 20% ash) <i>Kusile ash</i>
150 mm (80% G10 + 20% ash) <i>Matla ash</i>	Insitu Material	Insitu Material	Insitu Material
Section 1	Section 2	Section 3	Section 4
25m	Control 25m	25m	25m

3D representation of the pavement structure



- Seal Design

Service providers are expected to design a pavement seal to protect the granular base and underlying materials. The seal is expected to accommodate the following conditions:

- Traffic Class C to accommodate 700 vehicles / lane / day
- Gradient: 6%
- Texture depth: 0.5mm

- o Environmental conditions: Moderate (N value between 2 and 5)

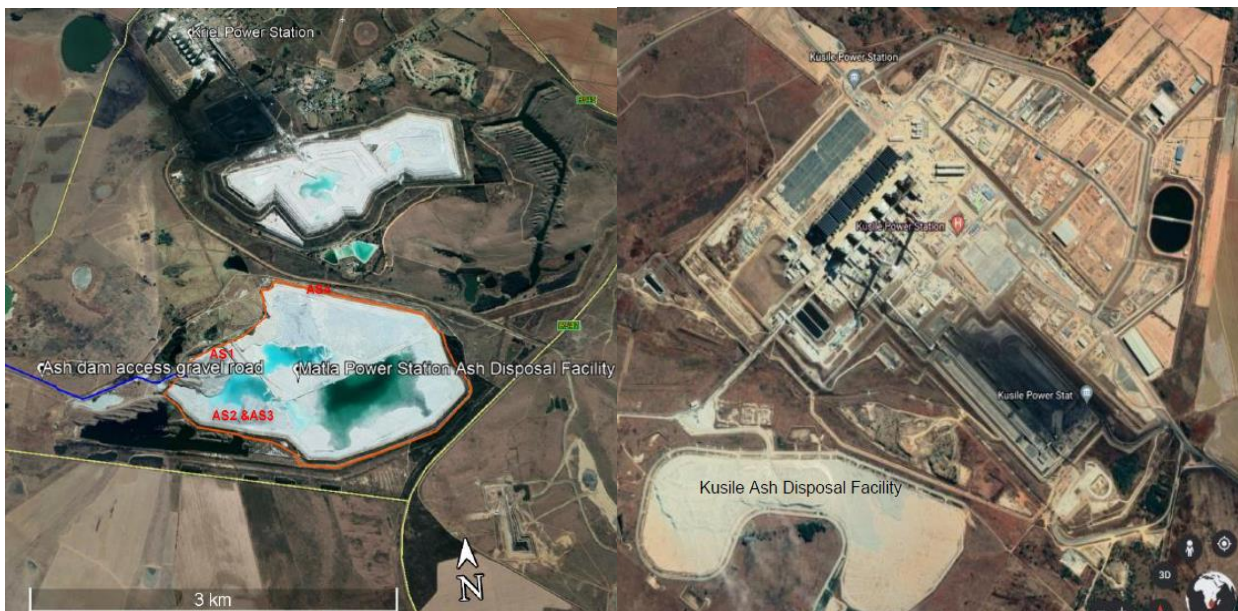
The expected design is to be a double seal S2 (20mm / 10mm) using 70/100 bitumen and aggregate Type B (COTO, 2020), however, other equivalent designs may be accepted based on supplier experience. The bill of quantities reflects an approximate material estimation; however, this may be adjusted as per the final design. Payment to the service provider is to be based on the actual material quantities used.

- Materials

Layer / Material	Description
Seal	The expected design is to be a double seal S2 (20mm / 10mm) using 70/100 bitumen and aggregate Type B (COTO, 2020), however, other equivalent designs may be accepted based on supplier experience. TRH 3 (2007) and Sabita Manual 40 are to be used for the design and construction of surfacing seals. On-site testing is to be completed by the CSIR. The seal is to conform to Road Category C (COTO, 2020).
G4	Natural gravel, or natural gravel & boulders which may need crushing. Maximum particle size: 50mm. CBR > 80% at 100%. Flakiness Index ≤ 35 on all individual fractions above 14 mm. Grading, soil constants, swell, durability and other specifications as per COTO (2020). Material is to be sourced from a reputable local quarry.
G5	Natural gravel, or natural gravel & boulders which may need crushing. Maximum particle size: 50mm. 97 % of MDD. Grading, soil constants, swell, durability and other specifications as per COTO (2020). Material is to be sourced from a reputable local quarry.
G7	Soil, gravel with cobbles, boulders and lumps of hard material that may require crushing or grid rolling, or alternative materials. crushed material: Two thirds of the compacted layer thickness, Crushed material: 100 mm. Grading Modulus: 0.75 – 2.7. Soil constants, strength, swell, durability and other specifications as per COTO (2020). Material is to be sourced from Afrimat Hartebeesfontein (G7): -25.892994, 28.934050. Distance to UP Eng 4.0 (single): 86.0 km
G10	Natural material (soil, sand or gravel). Minimum CBR: 3% @ 93% Mod. AASHTO; Maximum size 2/3 of layer thickness. G10 material is to be sourced from Eskom Matla Power Station [borrow pit]: -26.290827, 29.176562. Distance to UP Eng 4.0 (single): 145.0 km

Eskom Ash / Mixtures	<p>Further details are to be provided in the briefing session:</p> <ul style="list-style-type: none"> • Matla Ash (-26.290827, 29.176562): Estimated dry density (1239 kg/m³) • Kriel Ash (-26.267008, 29.190681): Estimated dry density (1028 kg/m³) • Kusile Ash (-25.928986, 28.906068): Estimated dry density (1263 kg/m³) <p>Compaction to follow DCP-DN catalogue for ash mixtures (MOD – Heavy Compaction).</p>
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The bidder is expected to source, procure, sample and transport all material to site for the construction. An estimation of the required material is as per Bill of Quantities. A request for the CSIR be notified when ash material is being sampled.



Matla (-26.290827, 29.176562) and Kriel (-26.267008, 29.190681) ash disposal facility (left) and Kusile (-25.928986, 28.906068) ash disposal facility (right)

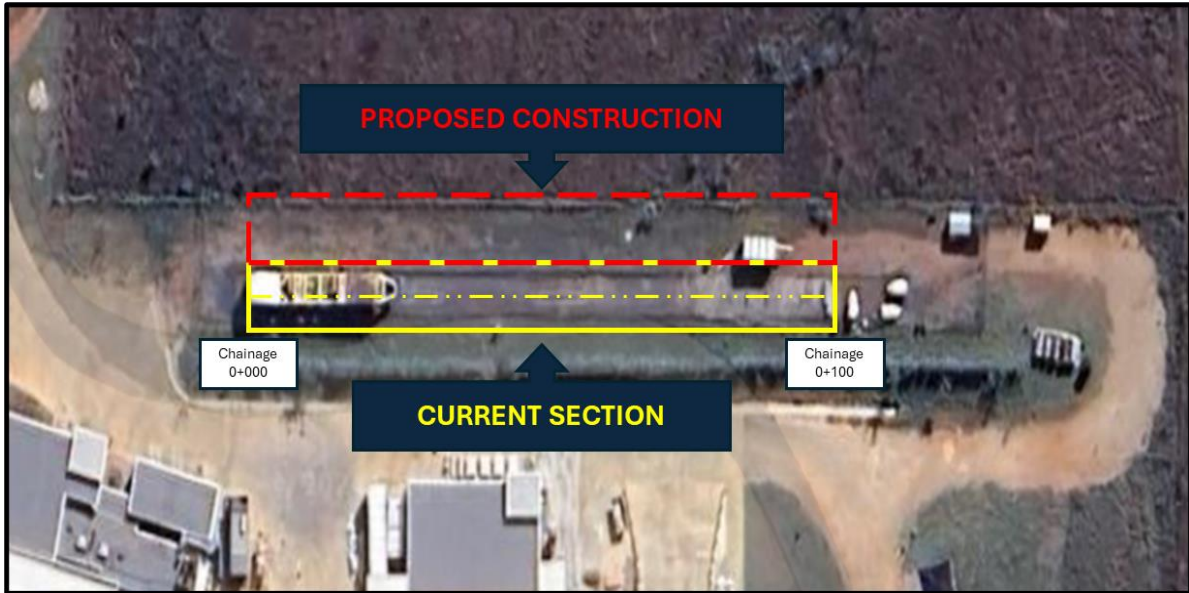
- On-Site Requirements

- Provision of the following items are to be noted and practiced during construction:
 - i. Sampling of materials by the bidder for construction and QC testing.
 - ii. Compaction to follow DCP-DN catalogue for ash mixtures (MOD – Heavy Compaction), and TRH 14 (layer works).
 - iii. Materials are to meet the specifications as per COTO (2020).
 - iv. Provision of water for compaction is available at the University of Pretoria with other applicable sources allowed to be obtained.

- v. Bidders are to be cognisant of the granular requirements (compaction, material hardness, grading, moisture control, etc.)
- vi. Storage will be available at Eng 4.0 for all materials required for construction materials and equipment (further details are to be provided in briefing session).
- vii. Any joints in the bound layer are to be continuous as the section would be utilised for heavy vehicle simulator testing. Distinct joints can create inconsistencies in the results of the HVS.
- viii. For quick access to site, the preferred option is to allow the removal of the concrete barriers, where necessary, along the N4 carriageway to provide access to the site from the N4.
- ix. The contractor shall implement a health and safety management system, in line with the Occupational Health and Safety Act and Construction Regulations of South Africa (further details are to be provided in briefing session).
- o Standards / Process:
 - i. A list of all standards to be used in the construction are to be made available by the bidder.
 - ii. A safety document is to be prepared prior to the construction work and is to be approved by the University of Pretoria.
- o Quality (aspects to note of during construction):
 - i. Temperatures of the material
 - ii. Uniformity of the temperature of the mix placed in the paver.
 - iii. Condition of road surface
 - iv. Temperature of the road surface on which the material is laid.
 - v. Rolling pattern to ensure complete coverages and proximity to the paver.
 - vi. Straightness of the edge of the paved layer.
 - vii. Smoothness of the surface of the layer, and any stop starts that influence the smoothness.
 - viii. Uniformity of the surface of the layer.
 - ix. Neatness of handwork and removal of any edge spillage and loose materials.
 - x. Binder application rate
 - xi. Aggregate spread rate
 - xii. Weather constraints
 - xiii. Safety standards

Poor materials and bad workmanship drastically reduce the service life of the seal. Process control is, therefore, critically important.

The site location is depicted below.



University of Pretoria (Engineering 4.0) site location [GPS: -25.742266, 28.259338]

(f) Quality Assurance (QA) Requirements

Quality Assurance (QA) testing of the materials and the pavement structure are to be completed by the bidder. The bidder is responsible for the transportation, sample collection, supplier procurement, testing, and reporting of the results. The CSIR will be responsible for detailed material testing. At a minimum, the following tests are required by the bidder:

Unbound

- Nuclear Gauge: Moisture and Density
- CBR
 - G4: Target CBR ≥ 80 % at 100 %.
 - G5: Target CBR ≥ 45 % at 95 %.
- Compaction (COTO, 2020)

Bound (Double Surface Treatment)

- The expected design is to be a double seal S2 (20mm / 10mm) using 70/100 bitumen and aggregate Type B (COTO, 2020), however, other equivalent designs may be accepted based on supplier experience.
- The bidder is to verify the results of the pre-delivery of materials (aggregates, binder) from the supplier (S2[20/10]) (TRH 3, 2007), including but not limited to:
 - Sampling pre-delivery and on-site aggregate
 - Sampling pre-delivery and on-site binder
 - Aggregate pre-coating
 - On-site binder verification (Colas Method)
 - Binder application control processes
 - Spray rates, bucket / bakkie test, calibration certificate
- The CSIR will conduct detailed testing of the aggregates, binder and double surface treatment layer.

Granular-ash mixture

- Nuclear Gauge: Moisture and Density
- Density
 - Matla (20% ash, 80% G10): Target MDD – 1923 kg/m³
 - Kriel (20% ash, 80% G7): Target MDD – 2059 kg/m³
 - Kusile (20% ash, 80% G7): Target MDD – 2161 kg/m³
- Compaction (DCP-DN, MOD – Heavy Compaction)

The bidder is required to submit all testing and material QA results to the CSIR in a QA report.

(g) Project Risk Plan

The winning bidder(s) will be required to submit a project risk plan upon signing of the contract agreement. The Principal Contractor shall continuously assess the risks of the activities that are carried out. This may include a project risk management plan with ratings, risk impact and mitigation strategies, the table below may be used in conjunction with the contractor's own plan. Health and safety, on-site, financial and projects specifications are also to be addressed. Critical aspects of the demolition, construction and QA testing are to be included in the project risk plan. Bidders are expected to use the Table below together with a summary of their risk plan to identify mitigation measures.

ID	Risk	Consequences	Risk Analysis			Proposed Mitigation Measures
			Likelihood	Impact	Rating	
1	Defective / improper material	Non-conformance to specification	1	3	Low	
2	Transportation and handling of material	Loss or damage of material	2	1	Low	
3	Material quantity / costing errors	Time delays on project	2	2	Low	
4	Hazards on site	Personal injury	3	4	Med	
5	Environmental conditions on site; rain / extreme heat	Damage of materials	2	3	Med	
6	Service provider / Contractor delays	Time-delays and non-conformance of contract requirements	3	4	Med	
7	Project scope unclear / misunderstood by service provider	Time delays on project to meet specifications	2	4	Med	
8	Incompetent contractor personnel	Non-conformance reports and time delays	2	3	Med	
9	Non-compliant construction equipment	Non-conformance reports and time delays	2	4	Med	
10	Non-conformance during testing / QA	Non-conformance reports and time delays / hinderance of output	3	4	Med	
11	Disposal, spillage of hazardous / ash / waste material	Environmental pollution or damage	3	5	High	
12	Non-conformance during construction or materials	Non-conformance reports and time delays / hinderance of output	3	5	High	
13	Damage to nearby test section	Hindrance of research outputs	4	4	High	
14	Non-compliance with OHS on site	Personal injury / non-conformance reports	3	5	High	

Key

Likelihood and Impact Model			Likelihood				
			Rare	Unlikely	Moderate	Likely	Near Certain
			1	2	3	4	5
Impact	Severe	5	5	10	15	20	25
	Major	4	4	8	12	16	20
	Moderate	3	3	6	9	12	15
	Minor	2	2	4	6	8	10
	Negligible	1	1	2	3	4	5

(h) Disclaimer

- i. The winning bidder(s) is/are required to sign an NDA regarding the work to be undertaken.
- ii. The bidder(s) shall not publish or use any of the work undertaken without the permission of the CSIR.
- iii. All safety requirements are to be adhered to as set out in their Safety Plan, as well as of the CSIR and UP.
- iv. All work is to be carried out in a professional manner, with adherence to the Resident Engineer (RE), CSIR and UP.
- v. Work is to be carried out so as to be cognisant of the environment and its conditions.
- vi. Any variations to the bidders winning quotation are to be notified to the CSIR RE immediately, prior to further commencement.
- vii. The winning bidder(s) is/are to adhere to all non-conformance requirements by the CSIR RE.
- viii. The project risk plan is to be adhered to during the excavation, construction and QC testing.
- ix. The CSIR is to be notified on major activities and timelines as they occur on site.
- x. The CSIR is to be notified on the sampling of ash material from the three power stations.
- xi. The contractor is to cease dangerous or unsafe work immediately when requested by UP or its representatives.
- xii. UP evacuation procedures will be followed in the event of an evacuation emergency.
- xiii. All site staff shall wear adequate PPE (work suits, reflector, safety boots).
- xiv. PPE such as gloves, goggles, ear plugs, hard hats and dust masks shall be used, depending on the activity being performed on Site.
- xv. All site personnel and visitors will wear mandatory PPE.
- xvi. Waste shall be disposed of upon the completion of construction works.
- xvii. In the event of diesel and/or hydraulic spillage during the construction of the test section, the contaminated material shall be taken to a registered landfill for disposal. Details will be recorded in the contractor register.
- xviii. The anticipated noise levels for construction of the test section will be within reasonable limits.
- xix. The CSIR reserves the right to award the winning contract to multiple bidders and/or to engage in post-tender negotiations.
- xx. The expected completion of the scope of works is **6 weeks (1.5 months)** after signing the contract between the CSIR and the winning bidder(s).

Annexure B
Bill of Quantities

Item No	Description	Quantity	Unit Price (VAT Excl)	Total Price (VAT Excl)
1	Excavation (COTO, 2020)			
C4.3.9.4	Excavating material by using conventional road construction equipment: Natural gravel and sand material	90m ³		
2	Pavement Seal Design			
Design by supplier	Design of double seal including a cover spray. Approximate BoQ in Section 4, subject to change as per design The expected design is to be a double seal S2 (20mm / 10mm) using 70/100 bitumen and aggregate Type B (Traffic Class C)	<i>Lump sum</i>		
3	Materials			
C4.4.2.1	Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers Material cost: G4	40m ³		
C4.4.2.1	Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers Material cost: G5	25m ³		
C4.4.1.1	Commercial materials identified by the Employer from commercial, private or other non-commercial suppliers [Afrisam Hartbeesfontein] Material cost: G7	20m ³		
C4.4.1.1	Commercial materials identified by the Employer from commercial, private or other non-commercial suppliers [Matla Borrow Pit] Material cost: G10	11m ³		
C4.5.3.1	Cost to procure alternative materials identified by the Employer: Matla Ash	4.5 m ³		

C4.5.3.1	Cost to procure alternative materials identified by the Employer: Kusile Ash	4.5 m ³		
C4.5.3.1	Cost to procure alternative materials identified by the Employer: Kriel Ash	4.5 m ³		
C10.1.3	Double seals including a cover spray: Approximate quantities	<i>Approximate (max)</i>	-	
C10.1.9.1	Tack and penetration coat: 70 / 100 or equivalent / per design	700 litres		
C10.1.9.4	Cover spray: Cationic emulsion / per design	350 litres		
C10.1.14.	Precoating of aggregate using a frontend loader, per design	100 litres		
C10.1.10.3	Aggregate variations (10mm) Grade B / per design	3 m ³		
C10.1.10.5	Aggregate variations (20mm) Grade B / per design	6 m ³		
4	Construction (COTO, 2020)			
A5.5.7.4	In-situ pavement layer reconstruction preparation	300m ²		
A5.5.7.4	In-situ pavement layer reconstruction: 150mm layer compacted to 93 % of MDD	33.75m ³		
C5.3.2.1 (a)	Construction of layers using conventional construction methods: Lower selected subgrade: 150mm 80% G10 layer compacted with 20% Matla Ash to 93 % of MDD [Matla Borrow Pit]	9m ³		
C5.3.2.1 (c)	Construction of layers using conventional construction methods: Upper selected subgrade layer (150mm) compacted to 95 % of MDD – G7 [Afrisam Hartbeesfontein] 80% G7 + 20% Ash (Kriel and Kusile)	18m ³		
C5.3.2.1 (0)	Construction of layers using conventional construction methods: G5B crushed rock/boulder subbase layer (150mm) compacted to 97 % of MDD	22.5m ³		

C5.3.2.1 (t)	G4A crushed rock/boulder base layer (unstabilised) (125mm) compacted to 97 % of MDD	37.5m ³		
C10.1.3.1	Multiple stone seals including a cover spray, 20 mm and 10 mm aggregate (Aggregate grade type B, conventional binder), as per design	300m ²		
5	Quality Assurance (COTO, 2020)			
C20.1.2.2	Special tests requested by the Engineer Nuclear Gauge (Moisture and Density) (2 x 4 sections x 4 layers)	32		
C20.1.2.2	Special tests requested by the Engineer Sampling and collation of QA / results by supplier on materials, unbound and bound (COTO, TRH 3)	-		
C20.1.2.2	Special tests requested by the Engineer Binder distribution and verification test: bucket / bakkie test and Colas method verification.	-		
Sub - Total (VAT Excl)			R	
Add 10% Contingency			R	
Sub Total plus 10% Contingency			R	
VAT (15%)			R	
Total Price (VAT Incl)			R	

Annexure C
Standard Bidding Document (SBD) 1

PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE CSIR					
BID NUMBER:	6273/26/04/2024	CLOSING DATE:	26 April 2024	CLOSING TIME:	16H30
DESCRIPTION	RFQ for the construction of a 100m pavement structure, including excavation, seal design and supply of material to the CSIR: unbound, bound and ash materials.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT CSIR SCIENTIA					
The CSIR requires that all tender submissions be submitted electronically to tender@csir.co.za . Should tender file size exceed 25MB, bidders submit tender in multiple emails. Use the tender number 6273/26/04/2024 and description of the tender as the subject on your email.					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Strategic Procurement Unit		CONTACT PERSON	Strategic Procurement Unit	
TELEPHONE NUMBER	012 841-2911		TELEPHONE NUMBER	012 841-2911	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	tender@csir.co.za		E-MAIL ADDRESS	tender@csir.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
1 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]		2 ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
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.	

PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR 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.
1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
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 PIN 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:

Annexure D
Standard Bidding Document (SBD) 4

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.

2. 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

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

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.

2.2.1 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:

.....
.....

3 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.
- 3.4 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.
- 3.5 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 institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 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

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.

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

Annexure E

Preference Points Award Form in Terms of the Preferential Procurement Regulations 2022

This preference form must form part of all bids invited. It contains general information and serves as a claim form for the preference points allocated on the basis of specific goals outlined in point 3 below.

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to this bid:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included).
- 1.2 Points for this bid shall be awarded for:
- (a) Price; and
 - (b) Preference Points based on specific goals.
- 1.3 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
Preference Points	20
Total points for Price and Preference Points must not exceed	100

- 1.4 Failure on the part of a bidder to submit proof of preference points together with the bid, will be interpreted to mean that preference points are not claimed.
- 1.5 The CSIR reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the CSIR.

2. POINTS AWARDED FOR PRICE

2.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

Pmin = Price of lowest acceptable bid

3. PREFERENCE POINTS AWARDED

3.1 In terms of Regulation 4 (2) and 4 (2) of the Preferential Procurement Regulations, preference points may be awarded to a bidder for the specific goal specified for the tender in accordance with the table below:

3.2 Specific goals must be determined per tender.

Specific Goals	Preference Points
Black Ownership	10
Reconstruction and Development Programme (RDP) Goals ³	10
- Exempted Micro Enterprise <i>or</i> Qualifying Small Enterprise	
Total	20

3.3 Total preference points per specific goal to be determined per tender.

3.3.1 Total preference points per specific goal to be awarded as follows:

3.3.1.1 Preferential points for black ownership will be awarded as follows:

Black Ownership	% of Preferential points
Bidder with 100% black ownership	100%
Bidder with 51% to 99% black ownership	50%
Bidder with less than 51% black ownership	0%

3.3.1.2 Preferential points for RPD Goals will be awarded as follows:

RDP Goals	% of Preferential points
RDP Goals met	100%
RDP Goals not met	0%

³ RDP Goals: a. The promotion of South African owned enterprises; b. The promotion of export orientated production to create jobs, c. The promotion of SMMEs; d. The creation of new jobs or the intensification of labour absorption; e. The promotion of enterprises located in a specific province for work to be done or services to be rendered in that province; f. The promotion of enterprises located in a specific region for work to be done or services to be rendered in that region; g. The promotion of enterprises located in a specific municipal area for work to be done or services to be rendered, h. The promotion of enterprises located in rural areas, i. The empowerment of the work force by standardising the level of skill and knowledge of workers; j. The development of human resources, including by assisting in tertiary and other advanced training programmes, in line with key indicators such as percentage of wage bill spent on education and training and improvement of management skills; and k. The upliftment of communities through, but not limited to, housing, transport, schools, infrastructure donations, and charity organizations.

3.4 **Joint Ventures, Consortiums and Trusts**

A trust, consortium or joint venture⁴ will qualify for preference points as a legal entity (Incorporated), provided that the entity submits its valid B-BBEE certificate. Only valid BBBEE certificates issued by SANAS accredited verification agency will be considered for allocation of points.

A trust, consortium or joint venture will qualify for preference points as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid. Only valid consolidated BBBEE certificates issued by SANAS accredited verification agency will be considered for allocation of points.

Bidders must submit concrete proof of the existence of joint ventures and/or consortium arrangements. The CSIR will accept signed agreements as acceptable proof of the existence of a joint venture and/or consortium arrangement. Furthermore, in bids where unincorporated joint venture and/or consortium/sub-contractors are involved, each party must submit a separate TCS PIN and CSD number.

The joint venture and/or consortium agreements must clearly set out the roles and responsibilities of the Lead Partner and the joint venture and/or consortium party. The agreement must also clearly identify the Lead Partner, who shall be given the power of attorney to bind the other party/parties in respect of matters pertaining to the joint venture and/or consortium arrangement.

3.5 **Sub-contracting**

A bidder must not be awarded preference points if it is indicated in the tender documents that such a bidder intends sub- contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.

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-contract.

⁴ 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.

4. BID DECLARATION

Bidders who claim points in respect of specific goals **must** submit the following documents:

Mandatory documents to claim preference points	Submitted	
	Yes √	No √
Valid copy of BBBEE certificate/ sworn affidavit to claim Black Ownership and RDP (EMEs or QSEs) preference points ⁵		

DECLARATION WITH REGARD TO COMPANY/FIRM

Name of company/firm:.....

VAT registration number:.....

Company registration number:.....

I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the documents submitted to claim preference points based on the specific goals are valid, and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 3 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 3, the contractor may be required to furnish further documentary proof to the satisfaction of the CSIR that the awarded are correct;
- iv) If any document is obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the CSIR may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person’s conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution.
 - v) If the CSIR is of the view that a bidder submitted false information regarding a specific goal, it must—

⁵ In case of unincorporated trust, consortium or joint venture, they must submit their consolidated B-BBEE scorecard with submitting their **individual B-BBEE Certificate or Sworn Affidavit**, and each party must submit a separate TCS PIN and CSD number.

- (a) inform the bidder accordingly; and
 - (b) give the bidder an opportunity to make representations within 14 days as to why the tender may not be disqualified or, if the tender has already been awarded to the bidder, the contract should not be terminated in whole or in part.
- vi) After considering the representations referred to in subregulation (v)(b), the CSIR may, if it concludes that such information is false—
- (a) disqualify the bidder or terminate the contract in whole or in part; and
 - (b) if applicable, claim damages from the bidder.

WITNESSES
1.
2.

..... SIGNATURE(S) OF BIDDERS(S)
DATE:
ADDRESS.....