

Request for Proposals (RFP)

To undertake Life Cycle Management Capability Maturity Model assessments at ten (10) companies

RFP No. 916/23/01/2020

| Date of Issue | Thursday, 09 January 2020 | | | |
|---------------------|--|--|--|--|
| Closing Date | Thursday, 23 January 2020 | | | |
| Place | Tender box, CSIR Main Reception, Gate 3 (North Gate) | | | |
| Enquiries | Strategic Procurement Unit E-mail: tender@csir.co.za | | | |
| CSIR business hours | 08h00 - 16h30 | | | |
| Category | Professional Services | | | |

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SECTION A - TECHNICAL INFORMATION

1 INTRODUCTION

The National Cleaner Production Centre South Africa (NCPC-SA) was initially established as a joint initiative between the Department of Trade and Industry (the dti), Switzerland, Austria, United Nations Industrial Development Organisation (UNIDO) and the Council of Scientific and Industrial Research (CSIR). The NCPC-SA is currently funded primarily by the dti and aims at assisting South African industry through the adoption of Resource Efficiency and Cleaner Production (RECP) principles. This supports the dti's initiative on promoting South Africa's industry growth and global competitiveness as well as the Department of Environmental Affairs (DEA) National Cleaner Production Policy and Strategy, and is aligned with the Industrial Policy Action Plan (IPAP) and works in partnership with the dti's relevant sector desks.

2 BACKGROUND

The CSIR's NCPC-SA as part of its mandate has been extensively rolling out Resource Efficiency and Cleaner Production assessments across the various priority industry sectors, with the aim of assisting participating companies to gain an understanding of their energy consumption, water management and material utilisation. In addition to this the CSIR's NCPC-SA has introduced the Life Cycle Management Capability Maturity Model (LCM-CMM) project, which is aimed at assisting companies to develop more rigorous methods based on life cycle thinking that could potentially provide both improved environmental performance and competitive edge.

Businesses are increasingly being challenged to accept responsibility the social and environmental impacts of their product and operations. Sustainable development is widely promoted to satisfy the needs of the present without compromising the ability of future generations to meet their needs, and whist there may be broad agreement on the principles of sustainable development, there is much less agreement on how to put those principles into practice. The diverse range of stakeholder issues within the value chain has resulted in a list of performance measures, recommended practices, and desired outcomes that businesses are expected to track and report. The challenge though is that these

requirements can overwhelm the capacity and resources within small to medium businesses, and this could potentially produce very little improvement and stifle positive change.

A more fundamental challenge is that even with the best intentions, there is no guarantee that corporate sustainability programs driven by global principles and standards will solve local environmental problems or achieve the developmental priorities of society.

Communities face many environmental and social challenges on a daily basis, and depending on the region, some will have a mix of industries that is uniquely dependent on its historical path of development. Businesses are driven by global competition to manage its operations to optimise the performance of its value chain, and the impacts on local ecosystems will be dependent on the particular mix of industries located in that particular community. It is therefore not possible that companies within a particular value chain can assess how their operations interact with that of other companies in the region to achieve optimum results for the community. There is absolutely no guarantee that these individual companies within the value chain can optimise its operations to ensure that the resilience of local ecosystems are preserved in such a manner that it will meet the needs to satisfy community development.

The CSIR's NCPC-SA has therefore secured funding to undertake ten (10) LCM-CMM assessments at selected companies located in Kwazulu Natal (5) and Western Cape (5), in order to demonstrate potential strategies to manage its value chain in a responsible manner.

| Western Cape Companies | Industry | Location |
|------------------------|-----------------|------------------|
| Company 1 | Agro-Processing | Montague Gardens |
| Company 2 | Clothing | Maitland |
| Company 3 | Hospitality | Cape Town |
| Company 4 | Plastics | Parow |
| Company 5 | Clothing | Caledon |

| Kwazulu Natal Companies | Industry | Location |
|-------------------------|--------------------|------------------|
| Company 1 | Technical Textiles | Pinetown |
| Company 2 | Textiles | Mooi River |
| Company 3 | Plastics | Pietermaritzburg |

| Company 4 | Company 4 Textiles | |
|-----------|--------------------|------------------|
| Company 5 | Textiles | Pietermaritzburg |

These assessments will be undertaken by a suitably qualified specialist to build capacity within participating companies in their supply chain, by identifying and managing social and environmental issues in a manner that is tailored to their individual business strategies and priorities.

This project is strategic for the Centre, as this customized decision-making process is expected to better balance the tension between the economic logic of global value chains and the localized logic of sustainability, which will yield stronger suppliers and more vibrant communities. It will also assist participating companies and suppliers in identifying where and how to start and continue their journey towards sustainability.

This document serves to provide Terms of Reference for the work to be undertaken at the ten (10) companies by the specialist.

3 INVITATION FOR PROPOSAL

Proposals are hereby invited for consultants to undertake life cycle management assessments at five (5) companies located in the Western Cape and five (5) located in Kwazulu Natal, by using the Capability Maturity Model and Framework to communicate life cycle management to businesses within a global value chain context.

It is requested that proposals include costings for the two (2) regions separately, in order for allocations to be made to the top two service providers who qualify, top meet the timeframe expectations.

4 PROPOSAL SPECIFICATION

All proposals are to be submitted in a format specified in this RFP. However, tenderers are welcome to submit additional / alternative proposals over and above the originally specified format.

This Request for Proposals requires interested Service Providers to submit a portfolio of evidence, outlining activities and experience in the field of life cycle management, in order for the National Cleaner Production Centre of South Africa to establish their competence to perform and deliver the required Capability Maturity Model training and assessment services. Use the information in the Table below as a guide for the portfolio of evidence required:

| Criteria | | Elements of Detail | | |
|----------|---|--|--|--|
| 1. | Organisational Profile and Service Offering | Provide a summary of key services and offerings. Attach relevant supporting as appendices. | | |
| 2. | No. of Project / Technical members | State project team (i.e. no of technical staff) | | |
| 3. | Period Company in Existence | State number of years in existence | | |
| 4. | Life Cycle Management Experience | i. Indicate knowledge and experience in transferring knowledge on life cycle related activities | | |
| | | ii. Indicate knowledge and exposure to specialised concepts (i.e. life cycle management, life cycle assessments, etc.) | | |
| | | iii. State number of life cycle management interventions undertaken and the success of individual projects. | | |
| | | iv. Indicate competence and capability with regards to software and tools for life cycle management activities and consulting support. | | |
| 5. | Consultant Qualifications | Provide overview of qualifications i.e. life cycle management related qualifications, United Nations Environmental Programme (UNEP) Certification, and attach CV's of key technical staff. | | |
| 6. | Industry Experience | List experience of industry sectors supported by | | |

| Criteria | Elements of Detail | | |
|--|--|--|--|
| | the NCPC-SA | | |
| 7. Training and Capacity Building Competency | Briefly outline where applicable: i. Experience and evidence of training capability ii. Experience and evidence of coaching and mentoring iii. Registration as recognised trainer / facilitator, assessor, and/or moderator. Please state disciplines or subjects of expertise iv. Experience and evidence of Training programme and / or training material development (indicate level of complexity) | | |
| Life Cycle Management Capability Maturity Model approach and methodology | In detail outline how the LCM-CMM project will be rolled out | | |
| 9. BBBEE Rating | Specify BBBEE level contributor, include copy of certificate | | |
| 10. Financial Costing | Briefly outline Costing structure and approach. Indicate tariff rates for key technical staff Provide indication of reimbursive expenses costs recovery approach (i.e. travel and accommodation expenses) | | |
| 11. References | Provide a min of 3 contactable references | | |

In addition to the above generic portfolio guide, the application submission will be assessed against following competencies and skill sets, to determine the suitability of Service Provider to meet the requirements of the NCPC-SA:

- i. Good written communications and presentation of facts
- ii. Well versed in report writing (technical)
- iii. Good command of the English language.

PROJECT OUTCOMES AND DELIVERABLES

The CSIR / NCPC-SA will be responsible for securing the ten (10) companies, and the Consultant will be responsible for undertaking the following activities as part of the Life Cycle Management Capability Maturity Model deliverables:

- Conducting the assessment at each participating company by developing a shared responsibility approach to support sustainable consumption and production.
- Develop material specific to the LCM-CMM Framework and methodologies to present to companies
- Collect and analyse inventory data
- Implement supplier evaluation processes within the value chain of companies
- Assess the environmental impacts of suppliers within the value chain
- Assess opportunities to optimize the environmental and social impacts within the value chain

It is anticipated that the following deliverables will be key to the successful completion of the Life Cycle Management Capability Maturity Model assessments:

- Development of a project activity plan and schedule for the Life Cycle Management Capability Maturity Model assessments to be undertaken
- Preparations for engaging with companies to define individual scope and collect data for life cycle inventory quantification purposes
- To complete the LCM-CMM assessment for each participating company
- Final LCM-CMM Report to the ten (10) participating companies that interprets the results of each individual assessment and make recommendations

COMMENCEMENT AND COMPLETION DATES

It is anticipated that the work will commence upon acceptance and signing of a contract with an appropriate specialist appointed by the CSIR's NCPC-SA, and it is expected that the project will be completed within 6 months of commencement of the project, depending on the extent of the project.

The specialist consultant will provide the CSIR's NCPC-SA with a projected schedule of the proposed activities with projected times scales and reporting deadlines to keep the CSIR's NCPC-SA informed of progress. The CSIR's NCPC-SA is to be informed of all meetings scheduled with companies and all the necessary arrangements should be made to ensure that the CSIR's NCPC-SA is present during these sessions. All reports issued and presented will be completed under the CSIR's NCPC-SA brand.

ALLOCATE BUDGET FOR THE CONTRACTED SERVICES

This project will be managed by the CSIR's NCPC-SA and staffed by the appointed specialist, and the cost of the project will be subsidised through the CSIR's NCPC-SA

5 FUNCTIONAL EVALUATION CRITERIA

5.1 The evaluation of the functional / technical detail of the proposal will be based on the following criteria:

| Criteria | Weight |
|---|--------|
| Proposal Structure | 20% |
| Scheduling | 10% |
| Life Cycle Management Capability Maturity Model | 50% |
| Experience | 30% |
| Industry Experience | 20% |

5.2 Proposals with functionality / technical points of less than the pre-determined minimum overall percentage of **70%** and less than **50%** on any of the individual criteria will be eliminated from further evaluation.

Refer to Annexure A for the scoring sheet that will be used to evaluate functionality.

6 ELIMINATION CRITERIA

Proposals will be eliminated under the following conditions:

- Submission after the deadline;
- Proposals submitted at incorrect location

7 NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD) REGISTRATION

Before any negotiations will start with the winning bidder it will be required from the winning bidder to:

- be registered on National Treasury's Central Supplier Database (CSD). Registrations can be completed online at: www.csd.gov.za;
- provide the CSIR of their CSD registration number; and
- provide the CSIR with a certified copy of their B-BBEE certificate. If no certificate can be provided, no points will be scored during the evaluation process. (RSA suppliers only)

SECTION B - TERMS AND CONDITIONS

8 VENUE FOR PROPOSAL SUBMISSION

All proposals must be submitted at:

CSIR GATE 03 - Main Reception Area (in the Tender box) at the following address

Council for Scientific and Industrial Research (CSIR)

Meiring Naudé Road

Brummeria

Pretoria

9 TENDER PROGRAMME

The tender program, as currently envisaged, incorporates the following key dates:

Issue of tender documents: 09 January 2020

Last date for submission of queries:
 16 January 2020

Closing / submission Date:
 23 January 2020

• Estimated contract duration (in months/years) 3 months

10 SUBMISSION OF PROPOSALS

- 10.1 All proposals are to be sealed. No open proposals will be accepted.
- 10.2 All proposals are to be clearly marked with the RFP number and the name of the tenderer on the outside of the main package. Proposals must consist of two parts, each of which is placed in a separate sealed package clearly marked:

PART 1: Technical Proposal: RFP No.:916/23/01/2020

PART 2: Pricing Proposal, B-BBEE and other Mandatory Documentation:

RFP No.: 916/23/01/2020

- 10.3 Proposals submitted by companies must be signed by a person or persons duly authorised.
- 10.4 The CSIR will award the contract to qualified tenderer(s)' whose proposal is determined to be the most advantageous to the CSIR, taking into consideration the technical (functional) solution, price and B-BBEE.

11 DEADLINE FOR SUBMISSION

Proposals shall be submitted at the address mentioned above no later than the closing date of 23 January 2020 during CSIR's business hours. The CSIR business hours are between 08h00 and 16h30.

Where a proposal is not received by the CSIR by the due date and stipulated place, it will be regarded as a late tender. Late tenders will not be considered.

12 AWARDING OF TENDERS

12.1 Awarding of tenders will be published on the National Treasury e-tender portal or the CSIR's tender website. No regret letters will be sent out.

13 EVALUATION PROCESS

13.1 Evaluation of proposals

All proposals will be evaluated by an evaluation team for functionality, price and B-BBEE. Based on the results of the evaluation process and upon successful negotiations, the CSIR will approve the awarding of the contract to successful tenderers.

A two-phase evaluation process will be followed.

- The first phase includes evaluation of **elimination** and **functionality criteria**.
- The second phase includes the evaluation of price and B-BBEE status.

Pricing Proposals will only be considered after functionality phase has been adjudicated and accepted. Only proposals that achieved the specified minimum qualification scores for functionality will be evaluated further using the preference points system.

13.2 Preference points system

The 80/20 preference point system will be used where 80 points will be dedicated to price and 20 points to B-BBEE status. If all tenders received are more than R50m, the proposal will be cancelled and re-issued.

14 PRICING PROPOSAL

- 14.1 Pricing proposal must be cross-referenced to the sections in the Technical Proposal. Any options offered must be clearly labelled. Separate pricing must be provided for each option offered to ensure that pricing comparisons are clear and unambiguous.
- 14.2 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.

- 14.3 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable.
- 14.4 Only firm prices* will be accepted during the tender validity period. Non-firm prices** (including prices subject to rates of exchange variations) will not be considered.

*Firm price is the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax which, in terms of a law or regulation is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;

**Non-firm price is all prices other than "firm" prices.

14.5 Payment will be according to the CSIR Payment Terms and Conditions.

15 VALIDITY PERIOD OF PROPOSAL

Each **proposal** shall be valid for a minimum period of three (3) months calculated from the closing date.

16 APPOINTMENT OF SERVICE PROVIDER

- 16.1 The contract will be awarded to the tenderer who scores the highest total number of points during the evaluation process, except where the law permits otherwise.
- 16.2 Appointment as a successful service provider shall be subject to the parties agreeing to mutually acceptable contractual terms and conditions. In the event of the parties failing to reach such agreement CSIR reserves the right to appoint an alternative supplier.
- 16.3 Awarding of contracts will be announced on the National Treasury website and no regret letters will be sent to unsuccessful bidders.

17 ENQUIRIES AND CONTACT WITH THE CSIR

Any enquiry regarding this RFP shall be submitted in writing to CSIR at tender@csir.co.za with "RFP No 916/23/01/20202 - Request for Proposals (RFP) To undertake Life Cycle Management Capability Maturity Model assessments at ten (10) companies as the subject.

Any other contact with CSIR personnel involved in this tender is not permitted during the RFP process other than as required through existing service arrangements or as requested by the CSIR as part of the RFP process.

18 MEDIUM OF COMMUNICATION

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

19 COST OF PROPOSAL

Tenderers are expected to fully acquaint themselves with the conditions, requirements and specifications of this RFP before submitting proposals. Each tenderer assumes all risks for resource commitment and expenses, direct or indirect, of proposal preparation and participation throughout the RFP process. The CSIR is not responsible directly or indirectly for any costs incurred by tenderers.

20 CORRECTNESS OF RESPONSES

- 20.1 The tenderer 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 RFP. The prices and rates quoted must cover all obligations under any resulting contract.
- 20.2 The tenderer accepts that any mistakes regarding prices and calculations will be at their own risk.

21 VERIFICATION OF DOCUMENTS

- 21.1 Tenderers 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 from the fact that pages are missing or duplicated.
- 21.2 One hard copy and one electronic copy (CD or USB memory key) of each proposal must be submitted. In the event of a contradiction between the submitted copies, the hard copy shall take precedence.
- 21.3 Pricing schedule and B-BBEE credentials should be submitted with the proposal, but as a separate document and no such information should be available in the technical proposal.

21.4 If a courier service company is being used for delivery of the proposal document, the RFP description must be endorsed on the delivery note/courier packaging to ensure that documents are delivered to the tender box, by the stipulated due date.

22 SUB-CONTRACTING

- 22.1 A tenderer will not be awarded points for B-BBEE status level if it is indicated in the tender documents that such a tenderer 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 tenderer qualifies for, unless the intended sub-contractor is an exempted micro enterprise that has the capability and ability to execute the sub-contract.
- 22.2 A tenderer 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 person concerned, unless the contract is sub-contracted to an exempted micro enterprise that has the capability and ability to execute the sub-contract.

23 ENGAGEMENT OF CONSULTANTS

The consultants will only be remunerated at the rates:

- 23.1 Determined in the "Guideline for fees", issued by the South African Institute of Chartered Accountants (SAICA); or
- 23.2 Set out in the "Guide on Hourly Fee Rates for Consultants", by the Department of Public Service and Administration (DPSA); or
- 23.3 Prescribed by the body regulating the profession of the consultant.

24 TRAVEL EXPENSES

- 24.1 All travel expenses for the CSIR's account, be it directly via the CSIR's travel agent or indirectly via re-imbursements, must be in line with the CSIR's travel policy. The following will apply:
- 24.1.1 Only economy class tickets will be used.
- 24.1.2 A maximum of R1300 per night for accommodation, dinner, breakfast and parking will be allowed.
- 24.1.3 No car rentals of more than a Group B will be accommodated.

25 ADDITIONAL TERMS AND CONDITIONS

- 25.1 A tenderer 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.
- 25.2 Copies of any affiliations, memberships and/or accreditations that support your submission must be included in the tender.
- 25.3 In case of proposal from a joint venture, the following must be submitted together with the proposal:
 - Joint venture Agreement including split of work signed by both parties;
 - The original or certified copy of the B-BBEE certificate of the joint venture;
 - The Tax Clearance Certificate of each joint venture member;
 - Proof of ownership/shareholder certificates/copies; and
 - Company registration certificates.
- 25.4 An omission to disclose material information, a factual inaccuracy, and/or a misrepresentation of fact may result in the disqualification of a tender, or cancellation of any subsequent contract.
- 25.5 Failure to comply with any of the terms and conditions as set out in this document will invalidate the Proposal.

26 CSIR RESERVES THE RIGHT TO

- 26.1 Extend the closing date;
- 26.2 Verify any information contained in a proposal;
- 26.3 Request documentary proof regarding any tendering issue;
- 26.4 Give preference to locally manufactured goods;
- 26.5 Appoint one or more service providers, separately or jointly (whether or not they submitted a joint proposal);
- 26.6 Award this RFP as a whole or in part;
- 26.7 Cancel or withdraw this RFP as a whole or in part.

27 DISCLAIMER

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

DECLARATION BY TENDERER

| Only tenderers who completed the declaration below | w will be considered for evaluation. |
|--|---|
| RFP No: | |
| I hereby undertake to render services described in the at accordance with the requirements and task directives / p No | roposal specifications stipulated in RFP remains binding upon me and open for |
| I confirm that I am satisfied with regards to the correctner price(s) and rate(s) quoted cover all the services specific price(s) and rate(s) cover all my obligations and I accept the rate(s) and calculations will be at my own risk. | ed in the proposal documents; that the |
| I accept full responsibility for the proper execution and full devolving on me under this proposal as the principal liable | • |
| I declare that I have no participation in any collusive pr person regarding this or any other proposal. | actices with any tenderer or any other |
| I accept that the CSIR may take appropriate actions, conflict of interest or if this declaration proves to be false. | deemed necessary, should there be a |
| I confirm that I am duly authorised to sign this proposal. | |
| NAME (PRINT) | WITNESSES 1 |
| DATE | |

28 ANNEXURE A

| 28 ANNEXURE A Scores | | | | | | |
|----------------------|--|--|--|--|---|--|
| Weight | Criteria | 2 | 4 | 5 | 8 | 10 |
| 20% | Proposal Structure (Including Proposed Methodology and Approach) | Proposal contains <u>less</u> information about the service provider and technical experiences as specified in the RFP | Proposal contains detailed information about the service provider, technical capabilities, capacity building experiences and industry interventions as specified in the RFP | Proposal contains detailed information about the service provider, project team, technical capabilities, capacity building experience, industry experiences, life cycle management exposure, as well as the methodology and approach to be used. | Proposal contains extensive detail on the service provider, actual project team and qualifications, industry and life cycle management experience, competencies in training and capacity building, references, life cycle management exposure, as well as outlining the methodology and approach to be used. | Excellent proposal displaying extensive evidence of the service provider, actual project team and qualifications, industry and life cycle management experience, competencies in training and capacity building and references as requested in the RFP. Furthermore it contains other relevant information/content beyond the specified RFP structure, such as exposure to concepts of LCM-CMM, water footprinting, life cycle assessments, as well as the methodology and approach that will be used. |
| 10% | Scheduling | Scheduling not provided | Provides sequencing of events with timing e.g. including a basic Gantt chart | Provides logical sequencing of events with acceptable timing e.g. including a Gantt chart | Provides logical sequencing of events with acceptable timing e.g. including a Gantt chart with team resource allocated | Provides logical sequencing of events with desirable timing e.g. including advanced Gantt chart with timing of individual resources allocated |
| 50% | Life Cycle Activities and Life Cycle Management Capability Maturity Model Experience | Project team provides very little indication of knowledge and experience on life cycle related activities | Project team provides some indication of knowledge and experience in life cycle related activities | Project team has extensive knowledge and experience on life cycle related activities and has been exposed to specialised concepts such as LCM, LCA's, Waterfootprinting, etc | Project team has extensive knowledge and experience in life cycle related activities and has been exposure to specialised concepts such as LCM, LCM-CMM, LCA's, Waterfootprinting. The project team also provides an indication of competence and capabilities to software and tools related to LCM activities | Project team has extensive knowledge and experience in life cycle related activities and has been exposed to specialised concepts such as LCM, LCA's, Waterfootprinting. The project team also indicates competence and capability to software and tools to LCM activities, and has extensive experience on LCM-CMM specific projects and training |
| 20% | Industry Experience | Project team provides an indication of less than 5 industry related interventions on Life Cycle Management, Life Cycle Assessments, RECP Assessments, etc | Project team provides an indication of between 5-10 industry related interventions on Life Cycle Management, Life Cycle Assessments, RECP Assessments, etc | Project team provides an indication of between 11-15 industry related interventions on Life Cycle Management, Life Cycle Assessments, RECP Assessments, etc | Project team provides an indication of between 16-20 industry related interventions on Life Cycle Management, Life Cycle Assessments, RECP Assessments, etc | Project team provides an indication of more than 20 industry related interventions on Life Cycle Management, Life Cycle Assessments, RECP Assessments, etc |