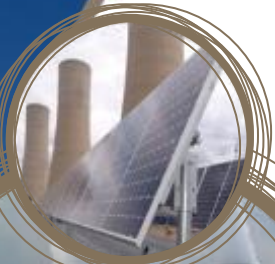


MWP1057CX-R

**PROVISION OF A SOFTWARE AND DEVICES AS A
SERVICE (SAAS & DAAS) FOR BARCODING AND
RFID TURNKEY SOLUTION INCLUDING SUPPORT
AND MAINTENANCE (SUBSCRIPTION) FOR A
PERIOD OF FIVE (5) YEARS AND NINE (9)
MONTHS**



Agenda	Presented by:
Safety and Evacuation	Tamara Mda
Introduction	Tamara Mda
Commercial	Tamara Mda
SDL&I	Rojane Qacha
Safety Requirements	Pumeza Mabunda
Quality Requirements	Sipho Sambo
Scope of Work & Technical evaluation	Sadi Mothoa & Charles Malaka
Closing	Tamara Mda

- Content
 - Point of contact
 - Tender closing Date and Address
 - Submission format.
 - Mandatory Documents
 - Evaluation Method and Criteria
 - Contractual requirements
 - Approach to this tender (Timeline).

Point of contact and the closing Date for MWP1057CX-R



- Single point of contact is Tamara Mda (E-mail: MdaT@eskom.co.za)
011 800 3599
- In terms of Eskom's Corporate Policy, all questions and queries received will be answered in writing to all the bidders.
- Closing date for clarification questions **3 working days before the deadline for tender submission**
- Closing date to submit tender returnables is **19 September 2022**, at 10H00 South African Time.
- Address: Tender office
Eskom Megawatt Park
01 Maxwell Drive, Sunninghill
Northside
- **Late tenders will not be accepted.**

- Introduction
- **Commercial**
- SDL&I
- Safety Requirements
- Quality Requirements
- Scope of Work
- Pricing Model

	<u>Original (Hardcopy) Documents</u>	<u>Duplicate Hardcopy</u>
File A–Commercial response (including SHEQ & SDL&I)	1	1
File B–Technical response	1	1
File C–Pricing response	1	1
Flash Disk (with file A,B & C)	1	

Electronic documents should be in a read only format in MS Word and MS Excel to enable cut and paste of content. The Excel spreadsheets must be in electronic format The spreadsheets are to be completed and sent back as returnable.

Three copies: Two hard copies, being an original and one copy and a flash disk. The copies must be the exact replica of the originals.

Please note: Annexure K (The pricing workbook) MUST be submitted in excel format.

¹ Electronic documents should be in a read only format in MS Word and MS Excel to enable cut and paste of content.

Commercial continue - Mandatory Documents



Description	Annexure
Basic Compliance	One (1) hard copy of the
Acknowledgement Form	Annexure A
Tenderers Particulars	Annexure B
Integrity Pack Declaration Form	Annexure C
CPA for local goods/services	Annexure D
CPA(IG) for imported goods/services (if applicable)	Annexure E
SBD1	Annexure G
SBD 6.1	Annexure H
SBD 6.4	Annexure I
Technical returnables and evaluation criteria	Annexure J
Pricing Schedule	Annexure K
Shareholding	
Additional Documents required in event of JV:-	

All mandatory requirements must be submitted at tender closure. Should these requirements not be met, the tender will be deemed non-responsive, and therefore disqualified

Commercial continue-Evaluation Process and Criteria



Evaluation process will be conducted in accordance with the Preferential Procurement Policy Framework Act, No 5 of 2000 (PPPFA)

The following five (5) steps will be applied during the evaluation of this tender.

- Step 1: Basic compliance;
- Step 2: Mandatory documents;
- Step 3: Functionality (Paper evaluation and DEMO);
- Step 4: Price and Preference scoring;
- Step 5: Contractual requirements.

Pricing and preference

The 80/20 Preference point system will apply to this tender. Proposals will be evaluated on (a) price which will be allocated 80 points and (b) B-BBEE status which will be allocated 20 points

Note: Eskom reserves its right to:

To cancel the tender if agreement cannot be reached on the market-related price.

“Eskom reserves the right to award to a supplier who may not be the highest scoring or highest ranked supplier, in line with Section (2) (1) (f) of the PPPFA

- **Contractual requirements include the following:**
 - Safety;
 - Quality;
 - SDL&I;
 - Financial statements.

Please Note:

Contractual requirements are not evaluation criteria. They are required to be met and assessed after the evaluation and ranking of the tenders. Proof that the highest ranked tenderer is able to meet the contractual requirements, must be submitted prior to contract award.

Failure to not meet the “Contractual Requirements “by the stipulated deadlines, Eskom will not conclude a contract with the recommended tenderer

- Introduction
- Commercial Process
- **SDL&I**
- Safety Requirements
- Quality Requirements
- Scope of Work

- Refer to Annexure L



SDL&I

- Introduction
- Commercial Process
- SDL&I
- **Safety Requirements**
- Quality Requirements
- Scope of Work

- Refer to Annexure M



SHE


- Introduction
- Commercial Process
- SDL&I
- Safety Requirements
- **Quality Requirements**
- Scope of Work

- Refer to Annexure N



Quality

- Introduction
- Commercial Process
- SDL&I
- Safety Requirements
- Quality Requirements
- **Scope of Work**



Inventory optimization Automatic Identification and Data Capture (AIDC) System

Barcoding & RFID Solution Clarification Session

Eskom need a solution for Materials Management that deals with inventory stock which is used for the maintenance, repair, and operation. We have 5 divisions in Eskom that has about 48 warehouses around South Africa.

Our warehousing process is currently paper based, various forms are filled and fed into the SAP Inventory Management System that results in a lot of inefficiency. Eskom took a decision implement SAP Warehouse management / SAP Inventory Management to manage the warehouses.

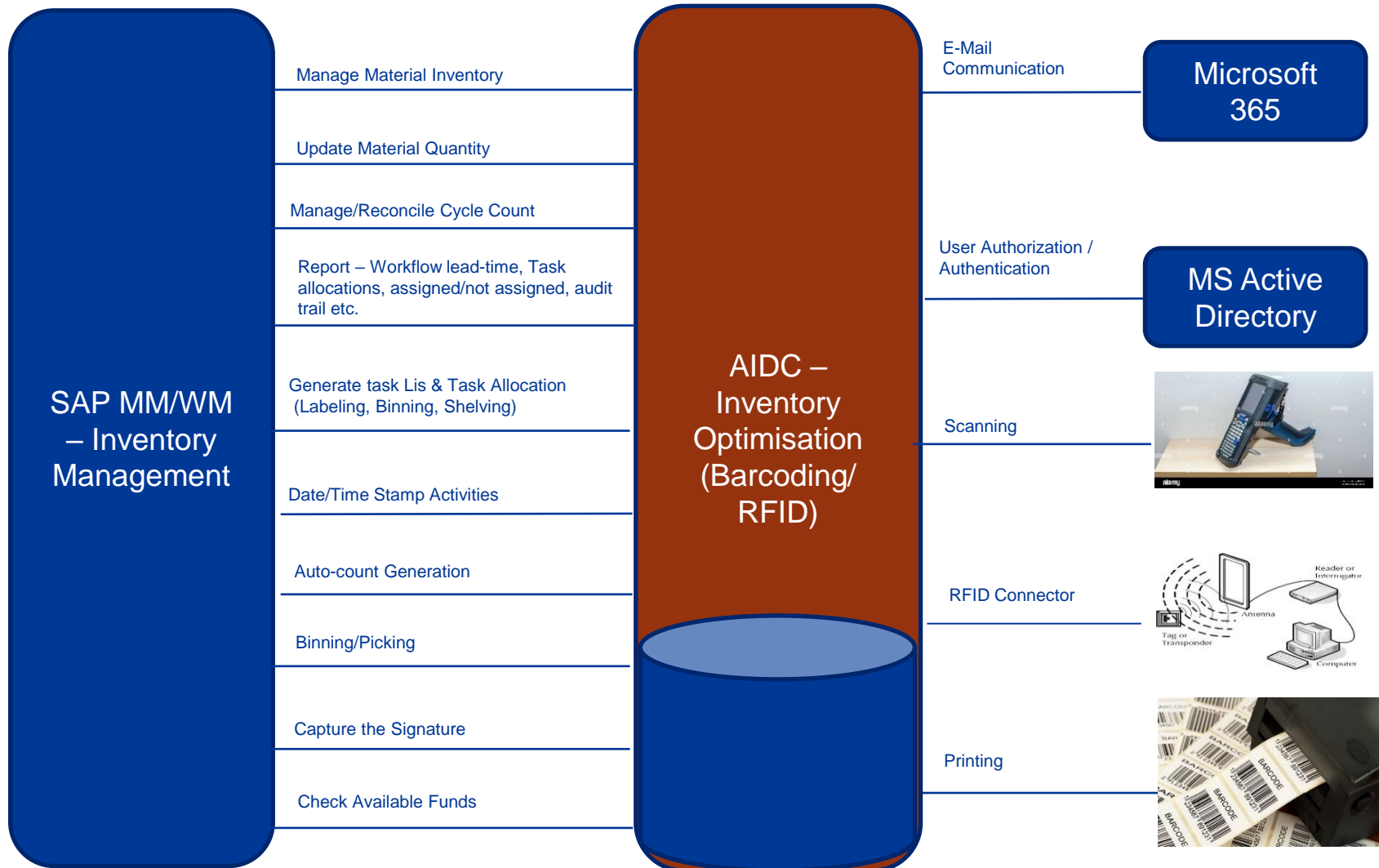
Automatic identification and data capture solution to provide the functionality for scanning the warehouse processes. The AIDC system that will use the Barcode or Radio Frequency Identification (RFID) technology for scanning the items or processes. The solution will integrate with SAP.

#	Functional Requirements	Requirement Description
1.	Goods Receipt	<ul style="list-style-type: none"> • Capture order number • SAP retrieve order details and select lines to do goods receipt • Scan delivery note with hand held device and Upload delivery note to SAP transaction • Supplier sign on hand held device • If Serialize materials delivered then Capture / Scan serial number • Capture the warranty information and Scan the warranty document and upload to SAP • Process goods receipt into blocked stock or QI blocked stock or Queue stock • Print label and stick label for binning
2.	Material Binning	<ul style="list-style-type: none"> • System to generate a Binning task in binning list • Supervisor assign a binning task or Storage can claim the task from the binning list • Storage scan the material to see the binning information • Storage scan the Bin location label • Confirm the quantity as per the binning ticket • Stock quantity out of normal block stock into unrestricted stock
3.	Quality Inspection	<ul style="list-style-type: none"> • Generate quality inspection task list • User Scan the label and select quality inspection failed • Print label to return to vendor or change the status to return to vendor • Generate return to vendor task list • Scan the label and supplier sign the handheld device
4.	Material Issuing	<ul style="list-style-type: none"> • Create electronic picking ticket, indicate if funds available in WBS • Generate electronic picking ticket into the task list • Supervisor assign task / storage claim task • Storage scan Material Bin label • Verify bin material with picking ticket • Storage captures available quantities • Print and stick label for final pick • Quantity out of unrestricted into normal blocked stock • Create awaiting task list for collection

#	Functional Requirements	Requirement Description
5.	Material Collection	<ul style="list-style-type: none"> • Issuing scan label and verify reservation number • Assign from the task list • End User sign on the handheld device • Quantity moved out of blocked stock into unrestricted and process goods issue (unless possible to issue directly out of blocked stock in SAP)
6.	Material Cycle Count	<ul style="list-style-type: none"> • The automation of the cycle count process considering multiple storage locations represented in a single bin(to be discussed further during implementation) • Generate the cycle count task list • Storage scan material bin label • Storage count material and capture the quantity • Supervisor recount material if there is stock discrepancies
7.	Task List Creation	<ul style="list-style-type: none"> • The system to allow the supervisor to create list of tasks which will be assigned to various personnel for execution - to be automatically generated through the workflow. The contain the task list, so the supervisor can do the assignment - See the BRS
8.	Task Assignment	<ul style="list-style-type: none"> • The system to allow the supervisor to assign tasks to the users
9.	Signing on Handheld Device	<ul style="list-style-type: none"> • The system to allow users to digitally attach their signature using a handheld device to confirm the material delivery collection • User details to be timestamped on the report. Audit trail requirements - see the BRS
10.	Picking ticket creation	<ul style="list-style-type: none"> • The system to create electronic picking tickets for reserved material/stock
11.	Scanning Function	<ul style="list-style-type: none"> • Handheld device to be able to scan coded labels and be able to print the label • Read the RFID tags or code

#	Functional Requirements	Requirement Description
12.	Camera Function	<ul style="list-style-type: none"> Take picture of different documents and ability upload to SAP
13.	Generate Cycle Counts Document	<ul style="list-style-type: none"> Cycle counting documents will be electronically generated on the handheld unit where a store person will be required to scan the relevant bin location label before manually capturing the count quantity
14.	Reports	<ul style="list-style-type: none"> Different reports will be required for the process for example: <ul style="list-style-type: none"> Reports on list of materials or duration of tasks, waiting time in dispatch, waiting time for QI, waiting time for binning, waiting time for supplier to collect returns or damaged for refurbishment
15.	Labelling	<ul style="list-style-type: none"> The solution to provide different label types for different materials Labels must attach securely to non-flat surfaces and surfaces consisting of different materials. Ability to print labels where required Labels should hold up in an outside yard environment.

Inventory Optimisation – Solution Context



Evaluation Criteria

				Paper Evaluation :50% & Demo 50%	
	Weighting		Total	Paper Evaluation and Demo	Final Score
Paper evaluation	Functional	20%	0,00%	0,00%	0,00%
	Integration & Testing	20,00%	0,00%		
	Network	10,00%	0,00%		
DEMO	Demo	50%	0,00%	0,00%	
	Paper Evaluation (50%) Score				0,00%
	Demo (50%) Score				0,00%



- Introduction
- Commercial Process
- SDL&I
- Safety Requirements
- Quality Requirements
- Scope of Work

Thank You