

	REQUEST FOR QUOTATION		Form No: RW SCM 00016 F	
			Revision No: 10	
			Effective Date: 1 Aug 2024	

BID NUMBER:	10412879	CLOSING DATE:	06 June 2025	CLOSING TIME:	23:30
DESCRIPTION:	ENHANCEMENT of SAP Budgeting, Planning & Consolidation (BPC) & Activity-Based-Costing (ABC) SOLUTION AT RAND WATER				
NON-COMPULSORY BRIEFING SESSION DATE AND TIME	N/A	BRIEFING SESSION VENUE	N/A		
ISSUE DATE	28 May 2025				

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			
BUYER		SOURCING MANAGER	
CONTACT PERSON	Faith Segwe	CONTACT PERSON	Jabulile Molema
TELEPHONE NUMBER	011 682 7223	TELEPHONE NUMBER	011 682 0393
E-MAIL ADDRESS (Submissions must be made to this address)	fsegwe@randwater.co.za	E-MAIL ADDRESS	jmolema@randwater.co.za

SUPPLIER INFORMATION			
NAME OF BIDDER			
POSTAL ADDRESS			
STREET ADDRESS			
TELEPHONE NUMBER	CODE		NUMBER
CELLPHONE NUMBER			
FACSIMILE NUMBER	CODE		NUMBER
E-MAIL ADDRESS 1			
E-MAIL ADDRESS 2			
VAT REGISTRATION NUMBER			CIDB GRADING
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		CENTRAL SUPPLIER DATABASE No:
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	[TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT (EMEs and QSEs) [TICK APPLICABLE BOX] ☐ Yes ☐ No

BID SUBMISSION:
- Bids must be submitted by the stipulated time to the email address stipulated above. Late bids will not be accepted for consideration. - All bids must be submitted on the official forms provided (not to be re-typed) or in the manner prescribed in the bid document. - 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." <i>Rand Water will provide any clarifications / addenda / extension of closing date by no later than one (1) calendar</i>

day before the closing date.

1. SCOPE OF WORK

1.1. DESCRIPTION

Rand Water invites Service Providers to submit quotations for the enhancement of their existing SAP BPC and ABC solution models. The objective of these enhancements is to improve financial planning, reporting, and reconciliation processes. The scope includes optimising system performance, automating key workflows, enhancing data integration, and ensuring alignment with evolving business and regulatory requirements.

The enhancements also aim to improve accuracy, efficiency, and standardisation across financial operations

SCOPE OF WORK

SYSTEM ENHANCEMENTS

The service provider will be responsible for:

- ☐ Designing and implementing efficient SAP BPC/BW solution aligned with SAP Best Practices.
- ☐ Managing project execution to ensure successful delivery.
- ☐ Eliciting, documenting, and updating business, functional, and technical requirements.
- ☐ Developing, updating, and integrating data sources into SAP BW.
- ☐ Creating and updating SAP BW/4HANA objects, including InfoObjects, ADSOs, Composite Providers, Data Sources, DTPs, Transformations, Process Chains, HANA Scenarios.

Tools to be used:

SAP HANA Studio (Eclipse), SAP GUI, SAP Analysis for Office.

Utilizing ABAP to develop and repair:

- Data transformations within SAP BW.
- Data extractors within SAP ECC.

- ☐ Ensuring real-time synchronization of data across various source systems with SAP BPC and ABC, based on required frequencies.
 - ☐ Troubleshooting and resolving data inconsistencies between source systems and SAP BW/BPC.
 - ☐ Monitoring and executing data extractions (hourly, daily, weekly, monthly).
 - ☐ Developing SAP BPC models using SAP BW objects, while integrating Microsoft Excel functionalities for workbooks.
 - ☐ Implementing FOX coding to develop new calculations and resolve issues in existing SAP BPC models.
 - ☐ Validating SAP BPC Workbooks within SAP A40 to ensure proper functionality of global planning sequences and functions.
 - ☐ Compiling and documenting Disaster Recovery procedures for SAP BPC/BW hosted in the cloud.
- New Developments

The following SAP BPC Model is to be developed:

20 Year Plan Model

- ☐ Draft and obtain stakeholder approval for Functional and Technical Design Specification (FDS/TDS) documents.
- ☐ Develop the 20-Year Plan Model using SAP BPC, BW/4HANA, and SAP Analysis for Office.

ISSUES RESOLUTION FOR EXISTING MODELS

1. Labour Planning Model:

- ☐ Address errors in Data Transfer Processes (DTPs) loading data from ECC to SAP BW.
- ☐ Resolve payroll data seeding issues.
- ☐ Update the temporary input schedule hierarchy (currently not opening).
- ☐ Fix issues with loading Organizational Development (OD) positions.

- ☐ Ensure Vacancy Total Costs appear in reports, including the Trial Balance.
- ☐ Resolve missing Headcount Movement Reports.
- ☐ Fix Cost Seeding Report to display the "Planning Amount" measure.

2. Movable Assets & Depreciation Model

Ensure the summary report balances with the **Review Movable Asset Report**.

Assist with discrepancies identified between BPC and the original budget files when extracting the Other Expense High-Level Report. The issue was caused by inconsistencies in number formats, leading to certain amounts being excluded from the total GL code calculations.

3. Periodic Maintenance Model

Resolve data errors in the Unplanned Maintenance section:

Cost Centre and General Ledger (GL) account values are incorrect.

Ensure accurate data is displayed in reports.

(The period maintenance model consists of 2 sections i.e. Planned and Unplanned maintenance. The planned maintenance functionality works as intended, but there are issues regarding the unplanned maintenance. These need to be resolved.

The unplanned maintenance seeding process executes successfully; however, there are data errors. The cost centre and GL accounts are displayed, but the values are incorrect.)

It is required that the data errors be resolved to ensure that accurate data is displayed.

		Fiscal year	2024									
		Posting period	1	2	3	4	5	6	7	8		
		Fiscal year / period	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024		
Cost Center	G/L Account	Currency	Planning Amount	Planning Amount	Planning Amount	Planning Amount	Planning Amount	Planning Amount	Planning Amount	Planning Amount		
15111PAA	431200	Protective Items	ZAR	615.00	615.00			615.00		615.00		
15111PDF	431000	Supplies & mainten	ZAR	200,561.00	196,092.00	238,651.00	200,456.00	206,458.00	163,969.00	195,264.00	145,931.00	
	431510	Fuel	ZAR		214.00			215.00			215.00	
	431512	Gasses	ZAR	730.00				727.00			727.00	
	431532	Valves	ZAR				12,775.00				12,775.00	
	431534	Tyres Issues	ZAR			295.00						
	431600	Acetylene	ZAR					281.00				
	431613	Oxygen	ZAR		226.00							
	461863	Contract Expenses	ZAR			289,578.00	58,916.00	159,863.00	398,756.00	285,692.00	104,654.00	
	462454	Repairs General	ZAR						0.00			
15121PAA	431200	Protective Items	ZAR			1,000.00					1,050.00	
15121PDF	431000	Supplies & mainten	ZAR	183,607.00	200,000.00	190,000.00	180,000.00	200,000.00	183,607.00	200,100.00	200,000.00	
	431510	Fuel	ZAR		500.00							
	431512	Gasses	ZAR				2,084.00					
	431613	Oxygen	ZAR						134.00			

Employees must be able to capture Period Maintenance Budget data on BPC without disruptions. To ensure this, all internal order groups created in SAP must be correctly linked to BPC. In the event of a linkage issue, resolution must occur within 24 hours. Additionally, all site personnel responsible for internal orders must be trained on updating SAP ECC and integrating the data into SAP BPC.

Assist with the balancing challenges are encountered in BPC, specifically during the capture of the supplementary budget. While balance was successfully achieved at the asset class level, discrepancies arose when employees retrieved the overall value.

4. CAPEX Model

The CAPEX Model was partially built and therefore has not been accepted by the users. The FDS for this model has been completed outlining the required functionality.

The following issues must be resolved to enable user testing and acceptance:

BPC Capital Projects Model (AGS System) - Committed Projects Planning:

Ensure full alignment between SAP and BPC by addressing discrepancies in project listings.

Currently, 21 projects exist in SAP, but only 14 are reflected in BPC. The missing projects must be correctly integrated.

Verify data extraction and transformation processes to ensure all projects are accurately imported into BPC.

Conduct validation checks to confirm that committed project data is correctly displayed and consistent across reports.

As per the screenshot below There are 21 projects on SAP, but only 14 listed on BPC

Member(Key)	Business Area (Key)	Business Area (Text)	Changed on	Company Code (Key)	Company Code (Text)	Cost Center (Key)	Cost Center (Text)	Controlling Area (Key)	Controlling Area (Text)	Object Currency (Key)	Object Currency (Text)	Plant (Key)	Plant (Text)
☒ P.03217	#	Not assigned	03.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.04057	0001	0001	07.02.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.04062	0001	0001	06.02.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.04063	0001	0001	29.06.2022	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.04071	0001	0001	22.06.2022	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05065	0001	0001	16.03.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05066	0001	0001	17.04.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05076	0001	0001	15.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05078	0001	0001	15.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05080	0001	0001	15.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05082	0001	0001	15.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05084	0001	0001	24.03.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05117	0001	0001	15.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects
☐ P.05121	0001	0001	15.05.2023	1000	Rand Water	1000#	Not assigned	1000	Rand Water	ZAR	Rand	RW10	RW Projects

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As per the above screenshot, the WBS element description, bucket id, start date and finish date fields do not prepopulate when selecting the project number, resulting in the user to manually select values for each field. Issue with SAP integration and management reporting alignment - If automatic integration with SAP does not occur, there's no value to budget at this level.

Internal Labour:

Select Member

Member(Key)	Member(Text)	Business Area (Key)	Business Area (Text)	Changed on	Company Code (Key)	Company Code (Text)	Cost Center (Key)	Cost Center (Text)	Controlling Area (Key)	Controlling Area (Text)
P.03217	AGS Construct 20ML res at Esselen park	#	Not assigned	30.06.2022	1000	Rand Water	#	Not assigned	1000	Rand Water
P.03217	AGS BWD Install Auto Meter Reading Type1	#	Not assigned	03.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.03580	AGS Upgrade Suction & Delivery Pipeline	#	Not assigned	07.02.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04057	AGS L06 REFURBISH PIPELINE	0001	0001	07.02.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04202	AGS BWD Construct Reservoir at Daleside	0001	0001	29.06.2022	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04203	EKS Construct Soweto Reservoirs	0001	0001	04.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04206	AGS CONSTR ADD 100ML RESERVOIR	0001	0001	08.03.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04340	AGS INSTAL PUMPSET-TOWNLAND PUMP	0001	0001	07.02.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04561	AGS Add 210ML Res at Vlakfontein	0001	0001	09.03.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04742	AGS CONSTRUCT RESERVOIR 2 AT	0001	0001	25.11.2022	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04852	AGS REMOTE MONITORING OF CATHODIC	0001	0001	06.02.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04863	AGS Upgrade Telemetry RW BWD Reservoir	0001	0001	29.06.2022	1000	Rand Water	#	Not assigned	1000	Rand Water
P.04871	AGS INTEGRATION OF SCADA TO DATA	0001	0001	22.06.2022	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05065	PMS (BWS) INSTALL TEMP ANODES FOR CP	0001	0001	16.03.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05066	AGS (BWS) INSTALL TEMP ANODES FOR CP	0001	0001	17.04.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05076	AGS REPLACE 550M OF M7 PIPELINE	0001	0001	15.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05078	AGS REPLACE 300M OF M9 PIPELINE	0001	0001	15.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05080	AGS REPLACE 800M OF M8 PIPELINE	0001	0001	15.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05082	AGS REPLACE 3.9KM OF K2 PIPELINE	0001	0001	15.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05084	AGS REPLACE 1.9KM OF K3 PIPELINE	0001	0001	24.03.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05117	AGS REPLACE SECTION OF H26 PIPELINE	0001	0001	15.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05121	AGS REPAIR MEYERS HILL RESERVOIR	0001	0001	15.05.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05171	EKS RESERVOIRS WATER STORAGE	0001	0001	17.02.2023	1000	Rand Water	#	Not assigned	1000	Rand Water
P.05519	AGS CONSTRUCT NEW RES AT	0001	0001	03.08.2022	1000	Rand Water	#	Not assigned	1000	Rand Water

As per the above screenshot, the WBS element, bucket id, cost centre, job and activity unit fields do not prepopulate when selecting the project number, resulting in the user to manually select values for each field. No activity rate to select on project with "Not Assigned" status in the Business area text column. BPC is linked to SAP Backups not the live system. E.g., P0.4203 was moved to the EKS system in December2022, however it is still listed in BPC.

- When selecting a project number, the WBS element description, bucket ID, start date, and finish date fields do not automatically populate. Users must be able to manually input values for each field.
- SAP Integration & Management Reporting Alignment: If automatic integration with SAP fails, budgeting at this level becomes ineffective, as no values are available for accurate financial planning.

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Conditional Formatting Cell Styles Insert Delete Format AutoSum Fill Clear

Clipboard Font Alignment Number Styles Cells

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5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

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Committed Projects - Internal Labour Planning

Active Cycle Budget 4

Active Scenario 1 - Scenario 1

Bucket ID C-COO-AGS

Copy between Scenarios

Source Scenario 1 - Official Submission

Select Member

Display

Member(Text) Job Group

Not assigned Not assigned

OK Cancel

Project Definition	WBS Element	Bucket ID	Cost Center	Job	Activity unit	Internal Labour rate	Amount	Quantity	Internal Labour rate	Amount	Quantity	Internal Labour rate	Amount	Quantity
P.03217	AGS BWD Install Auto Meter Reading Type1	P.03217.01	C-COO-AGS	113600AA	Not assigned	HR	Hours	10	0.00	0.00	15	0.00	0.00	20
P.04057	AGS L06 REFURBISH PIPELINE	P.04057	C-COO-AGS	113600AA	Not assigned	HR	Hours	10	0.00	0.00	15	0.00	0.00	20
P.04203	EKS Construct Soweto Reservoirs	P.04203	C-COO-AGS	113600AA	Not assigned	HR	Hours	10	0.00	0.00	15	0.00	0.00	20
P.05117	AGS REPLACE SECTION OF H26 PIPELINE	P.05117	C-COO-AGS	113600AA	Not assigned	HR	Hours	10	0.00	0.00	15	0.00	0.00	20

CY TOTALS Internal Labour_CY Internal Labour_OuterYears External Labour_CY External Labour_OuterYears

When entering the project number and related project information, the Job field only allows the option "Not Assigned" to be selected. If no project details are inserted, then the Job field reflects all job title options.

Committed Projects - Internal Labour Planning

Project Definition	WBS Element	Bucket ID	Cost Center	Job
P.03217 AGS BWD Install Auto Meter Reading Type1	P.03217.01	C-COO-AGS	113600AA	Not assigned
P.04057 AGS L06 REFURBISH PIPELINE	P.04057	C-COO-AGS	113600AA	Not assigned
P.04203 EKS Construct Soweto Reservoirs	P.04203	C-COO-AGS	113600AA	Not assigned
P.05117 AGS REPLACE SECTION OF H26 PIPELINE	P.05117	C-COO-AGS	113600AA	Not assigned

Message

'Quantity' is not input-ready. Data slices, characteristics relationships (RSPLS_CFR-046, PW 7):

Diagnosis

Restricted key figure or structure element 'Quantity' has been set to input-ready in Query Designer. The restrictions for this element are not in a data slice however, or are invalid according to the characteristic relationships. To find out which of these applies here, see the messages below.

System Response

The input-readiness of 'Quantity' is revoked.

Labour outer years Report

As per the below screenshot, the following error logs appear when executing the template: 'Quantity', 'Price', '2025', '2026', '2027', '2028' is not input-ready, Combination check error. Unable to input info for external labour budget. Data not pulling through to cost report. Data not pulling through to Capex financial planning view report.

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Messages

Message

- 'Quantity' is not input-ready: Data slices, characteristics relationships
- Combination check: Characteristic value 00000000003000119 for OSERVICE char. does not exist
- 'Price' is not input-ready: Data slices, characteristics relationships
- '2025' is not input-ready: Data slices, characteristics relationships
- '2026' is not input-ready: Data slices, characteristics relationships
- '2027' is not input-ready: Data slices, characteristics relationships
- '2028' is not input-ready: Data slices, characteristics relationships

Details

'Quantity' is not input-ready: Data slices, characteristics relationships (RSPLS_CR-046, PW7):

Diagnosis

Restricted key figure or structure element 'Quantity' has been set to input-ready in Query Designer. The restrictions for this element are not in a data slice however, or are invalid according to the characteristic relationships. To find out which of these applies here, see the messages below.

System Response

The input-readiness of 'Quantity' is revoked.

Close

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Committed Projects - Internal Lab

Active Cycle	Budget 4
Active Scenario	1 - Scenario 1
Bucket ID	C-COO-AGS

Copy between Scenarios

Source Scenario 1 - Official Submission

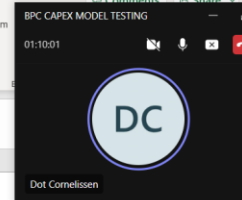
Project Definition	WBS Element
P.03217 AGS BWD Install Auto Meter Reading Type1	P.03217.0
P.04057 AGS L06 REFURBISH PIPELINE	P.04057

CY TOTALS Internal_Labour_CY Internal_Labour_OuterYears External_Labour_CY External_Labour_OuterYears

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Active Cycle Budget 4

Active Scenario 1 - Scenario 1

Bucket ID C-COO-AGS

Copy between Scenarios

Source Scenario 1 - Official Submission

Fiscal year	2024																		
Posting period	1	2	3	4	5	6													
Fiscal year / period	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023													
Project Definition	WBS Element	Bucket ID	Service Master	Sub Service	Currency	Unit of Measure	Quantity	Price	Cost	Quantity	Price	Cost	Quantity	Price	Cost	Quantity	Price	Cost	Quantity

CY TOTALS Internal_Labour_CY Internal_Labour_OuterYears External_Labour_CY External_Labour_OuterYears

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RAND WATER Prompts Refresh

Total Capex Cost Report

Active Cycle: Budget 4
Active Scenario: Scenario 1
Bucket ID: C-COO-AGS

Bucket ID Filter:

No applicable data found

Report

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RAND WATER Prompts Refresh

Capex - Planning View Report

Active Cycle: Budget 4
Active Scenario: Scenario 1
Bucket:

Project	Bucket ID	Current Authorized Vote	Actuals	Commitments	Available	Total	001.2024	002.2024	003.2024	004.2024	005.2024	006.2024	007.2024	008.2024	009.2024	010.2024	011.2024	012.2024
		ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR
P.03217	P.03217 C-COO-AGS	0.00	185,680,862.04	0.00	(185,680,862.04)													
P.04057	P.04057 C-COO-AGS	0.00	93,681,759.81	1,025,221.56	(94,706,981.37)													
P.04203	P.04203 C-COO-AGS	0.00	15,424,611.78	168,559.78	(15,593,171.56)													
P.05074	P.05074 C-COO-ST5	0.00	325,914,733.71	3,897,770.61	(329,812,504.32)	6,750,351.00	250,000.00	250,001.00	250,002.00	250,003.00	250,004.00	250,005.00	250,006.00	250,007.00	250,008.00	250,009.00	250,010.00	250,011.00
P.05102	P.05102 C-COO-ST5	0.00	128,174,987.70	26,589,067.12	(154,764,054.82)	90,000,000.00			90,000,000.00									
P.05103	P.05103 C-COO-ST5	0.00	86,951,731.73	4,623,484.45	(91,575,216.18)	46,454,448.39					15,484,800.00	15,484,816.13	15,484,832.26					
P.05117	P.05117 C-COO-AGS	0.00			0.00													

Report

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Not yet committed projects Planning

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Capex - Not Yet Committed Projects Planning

Active Cycle Budget 4
Active Scenario 1 - Scenario 1
Bucket ID C-COO-AGS

Copy between Scenarios
Source Scenario 1 - Official Submission

Project	Bucket ID	G/L Account	Planned Start Date	Planned Finish Date	Fiscal year / period	Fiscal year / period									
						July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024
PPIR.03771	PPIR.03771	C-COO-AGS Contract Expenses	01.07.2022	10.08.2024	ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR	500,000.00 ZAR
PPIR.03823	PPIR.03823	C-COO-AGS Contingencies	01.07.2022	10.08.2024	ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR	50,000.00 ZAR
PPIR.04021	PPIR.04021	C-COO-AGS Escalation Contracts	01.07.2022	10.08.2024	USD	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00

Planning

Ready Accessibility: Investigate

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Not Yet Committed Labour Planning
Error logs are displayed in the below screenshots.

AutoSave [ON] RW CX - Capex Not Yet Committed Labour Planning.xlsx Search Brad Lamprecht 02:47:11

File Home Insert Page Layout Formulas Data Review View Automate Help EPM Data Manager Power Pivot Analysis Analysis Design

Clipboard Font Alignment

D13

CY Planned Totals

Active Cycle Budget 4
Active Scenario 1 - Scenario 1
Year 2024

Project	Bucket ID	Currency
P.03217	P.03217	USDN
P.03217	P.03217	ZAR
P.04057	P.04057	USDN
P.04057	P.04057	ZAR
P.05074	P.05074	ZAR
P.05102	P.05102	ZAR
P.05103	P.05103	USD
PPIR.03771	PPIR.03771	ZAR
PPIR.03823	PPIR.03823	ZAR
PPIR.04021	PPIR.04021	USD

Messages

Message

- 'Quantity' is not input-ready: Data slices, characteristics relationships
- Combination check: Characteristic value 00000000003000119 for 0SERVICE char. does not exist
- 'Price' is not input-ready: Data slices, characteristics relationships
- '2025' is not input-ready: Data slices, characteristics relationships
- '2026' is not input-ready: Data slices, characteristics relationships
- '2027' is not input-ready: Data slices, characteristics relationships
- '2028' is not input-ready: Data slices, characteristics relationships

Details

'Quantity' is not input-ready: Data slices, characteristics relationships (RSPLS_CR-046, PW7).

Diagnosis

Restricted key figure or structure element 'Quantity' has been set to input-ready in Query Designer. The restrictions for this element are not in a data slice however, or are invalid according to the characteristic relationships. To find out which of these applies here, see the messages below.

System Response

The input-readiness of 'Quantity' is revoked.

Close

CY TOTALS Internal_Labour_CY Internal_Labour_OuterYears External_Labour_CY External_Labour_OuterYears

Ready Accessibility: Investigate

Type here to search

19°C 2:49 PM 5/17/2023

AutoSave On RW CX - Capex Not Yet Committed Labour Planning.xlsx Search Brad Lamprecht 02:50:22

File Home Insert Page Layout Formulas Data Review View Automate Help EPM Data Manager Power Pivot Analysis Analysis Design

Clipboard Font Alignment Number Styles Cells Editing

Verdana B A⁺ Wrap Text General Conditional Formatting Format as Table Cell Styles Insert Delete Format AutoSum Fill Sort & Find & Filter Analyze Data Sensitivity

G26 'HR

A B C D E F G H I J K L M N O P Q

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

 Prompts Refresh Reset Save Copy

Not Yet Committed Projects - Internal Labour Planning

Active Cycle Budget 4
Active Scenario 1 - Scenario 1
Bucket ID C-COO-AGS

Copy between Scenarios
Source Scenario 1 - Official Submission

Project	Bucket ID	Cost Center	Job	Activity unit	2024					2025					2026					2027				
					Fiscal year		Posting period		Fiscal year / period		Fiscal year		Posting period		Fiscal year / period		Fiscal year		Posting period		Fiscal year / period			
					Quantity	Internal Labour rate	Amount	Quantity	Internal Labour rate	Amount	Quantity	Internal Labour rate	Amount	Quantity	Internal Labour rate	Amount	Quantity	Internal Labour rate	Amount					
PP1R.03771	PP1R.03771	113600AA	Not assigned	HR	Hours	20	0.00	0.00	40	0.00	0.00	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00				
PP1R.03823	PP1R.03823	C-COO-AGS	Not assigned	HR	Hours	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00				
PP1R.04021	PP1R.04021	C-COO-AGS	Not assigned	HR	Hours	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00	160	0.00	0.00				

CY TOTALS Internal Labour_CY Internal Labour_OuterYears External Labour_CY External Labour_OuterYears

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Total Capex Cost report

Issue to be resolved = Accommodation budget not pulling through to report, however Security is.

AutoSave On RW CX - Total Capex Cost Report.xlsx Search Brad Lamprecht 3:05 PM 5/17/2023

File Home Insert Page Layout Formulas Data Review View Automate Help EPM Data Manager Power Pivot Analysis Analysis Design

Clipboard Font Alignment Number Styles Cells Editing

Verdana B A⁺ Wrap Text General Conditional Formatting Format as Table Cell Styles Insert Delete Format AutoSum Fill Sort & Find & Filter Analyze Data Sensitivity

D19

 Prompts Refresh

Total Capex Cost Report

Active Cycle Budget 4
Active Scenario 1 - Scenario 1
Bucket ID RW Bucket ID

Bucket ID Filter

Bucket ID	Project	G/L Account	Security Services	Currency	Rand	Overall Result		2024																			
						Fiscal year / period		July 2023		August 2023		September 2023		October 2023		November 2023		December 2023		January 2024		February 2024		March 2024		April 2024	
						Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR	Amount	ZAR
C-COO-AGS	P.04057	P.04057	662500	Security Services	ZAR	Rand	9,500.00	1,500.00	5,000.00	3,000.00																	
				Result			9,500.00	1,500.00	5,000.00	3,000.00																	
	PP1R.03771	PP1R.03771	661863	Contract Expenses	ZAR	Rand	18,000,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00				
				Result			18,000,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00				
	PP1R.03823	PP1R.03823	661870	Contingencies	ZAR	Rand	1,800,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00				
				Result			1,800,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00				
	PP1R.04021	PP1R.04021	661954	Escalation Contracts	ZAR	Rand	33,681.60	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10				
				Result			33,681.60	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10				
	Result						19,843,181.60	552,629.10	556,129.10	554,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10				
C-COO-ST5	P.05074	P.05074	661863	Contract Expenses	ZAR	Rand	6,750,351.00	250,000.00	250,001.00	250,002.00	250,003.00	250,004.00	250,005.00	250,006.00	250,007.00	250,008.00	250,009.00	250,010.00	250,011.00	250,012.00	250,013.00	250,014.00	250,015.00				

Report

Ready Accessibility: Investigate Type here to search 19°C 3:05 PM 5/17/2023

AutoSave [ON]

RW CX - Total Capex Cost Report.xlsx

Search

Brad Lamprecht

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General

Conditional FormattingFormat as TableCell Styles

InsertDelete Format

Cells

AutoSumFillClear

Editing

D19

Total Capex Cost Report

Active CycleBudget 4

Active Scenario1 - Scenario 1

Bucket IDRW Bucket ID

Bucket ID Filter

				Fiscal year		Overall Result		2024											
				Fiscal year / period		Amount		July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024		
Bucket ID	Project	G/L Account	Currency		ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR		
C-COO-AGS	PPIR.03771	PPIR.03771	461863	Contract Expenses	ZAR	Rand	18,000,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00		
		Result			18,000,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00			
	PPIR.03823	PPIR.03823	461870	Contingencies	ZAR	Rand	1,800,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00		
		Result			1,800,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00		
	PPIR.04021	PPIR.04021	461954	Escalation Contracts	ZAR	Rand	33,681.60	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10		
		Result			33,681.60	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10			
		Result			19,833,681.60	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10	551,129.10		
		C-COO-ST5	P.05074	P.05074	461863	Contract Expenses	ZAR	Rand	6,750,351.00	250,000.00	250,001.00	250,002.00	250,003.00	250,004.00	250,005.00	250,006.00	250,007.00	250,009.00	
				Result			6,750,351.00	250,000.00	250,001.00	250,002.00	250,003.00	250,004.00	250,005.00	250,006.00	250,007.00	250,008.00	250,009.00		
	P.05102	P.05102	461954	Escalation Contracts	ZAR	Rand	90,000,000.00			90,000,000.00									
				Result			90,000,000.00			90,000,000.00									
	P.05103	P.05103	461863	Contract Expenses	ZAR	Rand	46,454,448.39				15,484,800.00	15,484,816.13	15,484,832.26						
				Result			46,454,448.39				15,484,800.00	15,484,816.13	15,484,832.26						
				Result			143,204,799.39	250,000.00	250,001.00	90,250,002.00	250,003.00	15,734,804.00	15,734,821.13	15,734,838.26	250,007.00	250,008.00	250,009.00		
Overall Result							163,038,480.99	801,129.10	801,130.10	90,901,131.10	801,132.10	16,285,933.10	16,285,950.23	16,285,967.36	801,137.10	801,138.10	801,139.10		

Report

Ready

Accessibility: Investigate

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19°C

254 PM

5/17/2023

Capex Planning View Report:

Issue to be resolved = PPIR's are pulling through however projects are not.

AutoSave [ON]

RW CX - Capex Financial Planning View Report.xlsx

Search

Brad Lamprecht

FileHomeInsertPage LayoutFormulasDataReviewViewAutomateHelpEPMData ManagerPower PivotAnalysisAnalysis Design

CutCopyFormat PainterClipboardFontAlignmentNumberStylesCells

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H18ZAR



RAND WATERPromptsRefresh

Capex - Planning View Report

Active CycleBudget 4

Active Scenario1 - Scenario 1

Bucket ID

			Current Authorized Vote	Actuals	Commitments	Available	Total	001.2024	002.2024	003.2024	004.2024	005.2024	006.2024	007.2024	008.2024	009.2024	010.2024	011.2024	012.2024
Project	Bucket ID		ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR	ZAR
P.03217	P.03217	C-COO-AGS	0.00	185,680,862.04	0.00	(185,680,862.04)													
P.04057	P.04057	C-COO-AGS	0.00	93,681,759.81	1,025,221.56	(94,706,981.37)													
P.04203	P.04203	C-COO-AGS	0.00	15,424,611.78	168,559.78	(15,593,171.56)													
P.05074	P.05074	C-COO-ST5	0.00	325,914,733.71	3,897,770.61	(329,812,504.32)	6,750,351.00	250,000.00	250,001.00	250,002.00	250,003.00	250,004.00	250,005.00	250,006.00	250,007.00	250,008.00	250,009.00	250,010.00	250,011.00
P.05102	P.05102	C-COO-ST5	0.00	128,174,987.70	26,589,067.12	(154,764,054.82)	90,000,000.00			90,000,000.00									
P.05103	P.05103	C-COO-ST5	0.00	86,951,731.73	4,623,484.45	(91,575,216.18)	46,454,448.39					15,484,800.00	15,484,816.13	15,484,832.26					
P.05117	P.05117	C-COO-AGS	0.00			0.00													
PPIR.03771	PPIR.03771	C-COO-AGS					18,000,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00
PPIR.03823	PPIR.03823	C-COO-AGS					1,800,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
PPIR.04021	PPIR.04021	C-COO-AGS					33,681.60	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10

Report

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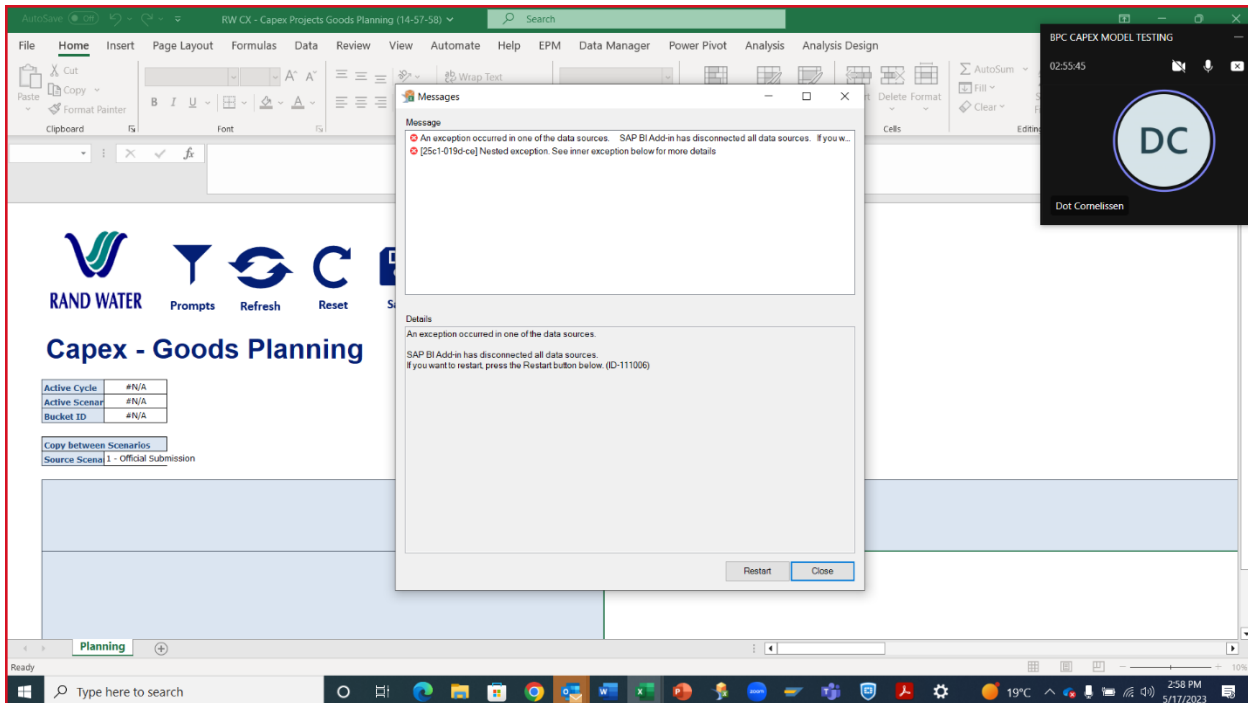
BPC CAPEX MODEL TESTING

02:52:11

254 PM5/17/2023

Capex Projects Goods planning

As per the below screenshot, exception error occurred in one of the data sources



Capex planning view report

Note, security budget figures pulled through.

Issue to be resolved = contract, contingency and escalation figures do not pull through.

Project	Bucket ID	Current Authorized Vote	Actuals	Commitments	Available	Total	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
P.03217	P.03217 C-COO-AGS	0.00	185,680,862.04	0.00	(185,680,862.04)													
P.04057	P.04057 C-COO-AGS	0.00	93,681,759.81	1,025,221.56	(94,706,981.37)	9,500.00	1,500.00	5,000.00	3,000.00									
P.04203	P.04203 C-COO-AGS	0.00	15,424,611.78	168,559.78	(15,593,171.56)													
P.05074	P.05074 C-COO-STIS	0.00	325,914,733.71	3,897,770.61	(329,812,504.32)	6,750,351.00	250,000.00	250,001.00	250,002.00	250,003.00	250,004.00	250,005.00	250,006.00	250,007.00	250,008.00	250,009.00	250,010.00	250,011.00
P.05102	P.05102 C-COO-STIS	0.00	128,174,987.70	26,589,067.12	(154,764,054.82)	90,000,000.00			90,000,000.00									
P.05103	P.05103 C-COO-STIS	0.00	86,951,731.73	4,623,484.45	(91,575,216.18)	46,454,448.39					15,484,800.00	15,484,816.13	15,484,832.26					
P.05117	P.05117 C-COO-AGS	0.00																
PPIR.03771	PPIR.03771 C-COO-AGS					18,000,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00
PPIR.03823	PPIR.03823 C-COO-AGS					1,800,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
PPIR.04021	PPIR.04021 C-COO-AGS					33,681.60	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10	1,129.10

5. Finance Model

The Finance model consolidates all the BPC models and creates the Balance Sheet and Income statement. The process executes but results in errors. It is required that the Finance model executes successfully without any data errors and inconsistencies.

Financial Reporting & Integration Issues

Issues within the Balance Sheet (Balance Sheet Discrepancies) :

The Balance Sheet does not balance, due to various data integration issues.

BPC cannot recognize periods 13 to 16.

CAPEX additions not reflecting to increase the assets.

Accumulated depreciation movements not reflecting.

Income Statement to Balance Sheet mapping assumes that every GL will impact the Balance Sheet. A need to assess recovery GLs and whether this should not be mapped to the IS (IS to IS) exists.

Difficulty to identify imbalances as there is not report that shows what has been transferred into the BS in values. (as the Balance Checks)

Cash Flow Alignment:

Cash Flow format must be as per the Actual cash flow: Copy Cash flow Report format into the finance Model and ensure integration into the final Planned Income statement and Planned Balance sheet.

Balancing of the Cash Flow (Closing Cash Flows = BS). Movement in Cash (Operating + Financing + Investing).

Final Check, Closing Balance = Opening + Movement. This must match the BS's Closing Balance.

Missing the indirect methods which will ensure the numbers are integrated to the BS movements.

Journal & Source Data Issues - Journal and Source Data not showing zero and all movements unassigned.

Issues in the Income Statement (Income Statement to Balance Sheet Mapping):

Cost Of Sales

Energy, Depreciation, Abstraction, and Labour data not extracting.

Non-potable Water data not extracting.

Indirect Labour not showing on the comparative report.

The cash flow structure/skeleton/functionality needs to be copied to the Finance model so that it can run to make a planned cash-flow reading from a planned Balance Sheet and planned IS.

Issues with Retractions:

The retraction process retracts all cost center objects e.g. Cost centers, WBS, Internal orders, Revenue and networks from SAP BPC to SAP ECC.

The retraction process has been developed, but testing was not successful. The retraction process executes successfully but the results either do not display or are inaccurate if displayed in SAP ECC.A

retraction process guide has been developed by the implementor which details the various steps required to execute the processes.

This never ever worked before, retract cost objects, cost center, wbs , internal orders , revenue , networks. The process works. All cost objects are not retracting.

In the below screenshot, the Journal ID and Source ID fields are blank.

								Amount
G/L Account		Cost Center		Order		WBS Element		ZAR
Contingencies	461870	#	1000/Not assigned	#	Not assigned	#	Not assigned	7 800.00
Contract Expenses	461863	#	1000/Not assigned	#	Not assigned	#	Not assigned	78 000.00
Escalation Contracts	461954	#	1000/Not assigned	#	Not assigned	#	Not assigned	3 900.00
Lethabo Non-Potable	811100	#	1000/Not assigned	#	Not assigned	#	Not assigned	-20 130 748.10
Non Pot Water Sale	801020	#	1000/Not assigned	#	Not assigned	#	Not assigned	-152 782 989.34
Pot_Sales_Non Crush	801049	#	1000/Not assigned	#	Not assigned	#	Not assigned	-25 107 306.15
Pot_Wat_Sales_Ind	801047	#	1000/Not assigned	#	Not assigned	#	Not assigned	-246 258 096.98
Potable Water Sales	801046	#	1000/Not assigned	#	Not assigned	#	Not assigned	-371 443 835.12
PotWaterSalesDomesti	801051	#	1000/Not assigned	#	Not assigned	#	Not assigned	-150 347 164.10
PotWaterSalesMuni	801045	#	1000/Not assigned	#	Not assigned	#	Not assigned	-14 999 906 782.05
PotWaterSalesSpoor	801050	#	1000/Not assigned	#	Not assigned	#	Not assigned	-32 947 646.33
Overall Result								-15 998 834 868.17

MANAGEMENT REPORTS ENHANCEMENTS

Income statement

Values in report are not updating correctly after process chains have successfully been executed.

Trial Balance/Balance Sheet

The values in the report are not extracting the correct values.

Cash Flow Statement

Actual cashflow values do not balance.

The Planned cashflow values have not been tested yet due to dependency on the Finance model.

Performance Information

The actual and Plan values in the report are not correct.

The report retains blank fields and ratios not calculating correctly.

Notes to Management Accounts

Values in the report are not correct - sales volumes and other values

Statistical Trend Report

The data has matched before, but now the values are incorrect. The volumes are not pulling correctly (sales and abstraction)

Stats Report

The values in the report are incorrect.

MANCO Reports:

Water Revenue – The values in the report are incorrect.

Manco Report Water Purchases. The values in the report are incorrect.

Segment Report

The data has matched before, but now the values are incorrect.

Secondary Activities

The model functions correctly, but some reports show incorrect values.

CAPEX Reporting

- ☐ No CAPEX reports have been developed.
- ☐ Requirements gathering and report development will be initiated once the CAPEX model is completed.

Budget Report Issues

- ☐ MTEF Report: Previously matched, but values are now incorrect.
- ☐ ENE Report: Previously matched, but values are now incorrect.
- ☐ Budget Cost Centre Comparison Report: Previously matched, but values are now incorrect.
- ☐ Budget Income Statement Comparison Report:
 - Dependent on the completion of the Finance Model.
 - COS Transfer is yet to reflect after Finance Model completion.
 - Special Projects settlement must be reflected in BPC.
 - Statistical training orders are not working.

RETRACTIONS & ECC INTEGRATION ISSUES

☐ BPC Final Push to ECC:

Internal Orders and WBS Elements do not appear in Cost Centre Elements.
Due to balancing issues, manual uploads are required.
Some Internal Orders lack Cost Centres/WBS in BPC, preventing linking.
Cost Centre information is needed to correctly update Profit Centres in SAP.

☐ Audit Trail Functionality

A new report needs to be developed in SAP BPC Production to display audit trails for tracking changes.

SKILLS TRANSFER & KNOWLEDGE MANAGEMENT

☐ Conducting SAP BPC skills transfer sessions for super users and technical support personnel on system functionality enhancements.

☐ Providing updated documentation and maintaining a skills transfer log to track knowledge-sharing activities.

☐ Delivering comprehensive system manuals for the finance and IT teams to facilitate a smooth transition and adoption of the enhanced SAP BPC functionalities.

☐ Plan for user training sessions to familiarize users with the new features and changes

☐ Develop standard processes for new users. This includes training of new users by DTIM.

Deliverables:

☐ Enhancement and configuration of the current SAP BPC model

☐ Customization documentation, detailing tailored configurations and enhancements specific to Rand Water's requirements.

☐ System manuals and end-user guides to support training and operational use.

☐ Service-level agreements (SLA) for ongoing support and maintenance of the upgraded SAP BPC environment.

TESTING & INTEGRATION:

☐ Conducting unit testing, UAT signoffs, and deployment of system changes.

☐ Supporting existing SAP BPC integrations to maintain system integrity.

☐ Ensuring a seamless interface between SAP BPC, SAP ECC and 3rd party systems, aligning with the current financial consolidation and reporting processes.

☐ Updated technical and functional documentation for all configurations and enhancements.

TECHNICAL REQUIREMENTS:

☐ Full compatibility with SAP ECC 6 and future readiness for SAP S/4HANA.

☐ Seamless integration with existing SAP modules, including FI (Financial Accounting) for financial statement consolidation, CO (Controlling) for cost and profitability analysis., BW (Business Warehouse) for enhanced data modelling and reporting, HR (Human Resources) and MM (Materials Management) for budgeting and forecasting.

☐ Ability to interface with third-party financial and reporting systems, ensuring smooth data exchange.

☐ Configuration and Enhancement of the SAP BPC models

DATA MANAGEMENT & SECURITY:

To ensure a governance, risk, and compliance (GRC)-aligned approach to data management and security, the following measures must be implemented within the SAP BPC environment:

☐ Implementation of automated data validation and reconciliation processes.

Develop and integrate automated validation rules to ensure data integrity before, during, and after data loading into SAP BPC.

Ensure that real-time reconciliation mechanisms between SAP BPC and source systems (SAP ECC, SAP BW, and external data sources) to detect and prevent discrepancies are enhanced.

Exception reporting to flag data inconsistencies for timely resolution.

Ensure automated workflow approvals for data corrections and updates, ensuring accountability and auditability.

☐ Role-based access control (RBAC) to ensure data security and compliance.

Ensure role-based access controls (RBAC) for users to have the appropriate level of access based on their responsibilities.

Definition of task profiles and data access profiles within SAP BPC to restrict access to sensitive financial data.

Enforcement principle of least privilege (PoLP) to minimize the risk of unauthorized access.

Ensure regular user access reviews is conducted to ensure compliance with GRC policies and prevent segregation

of duties (SoD) conflicts.

Establishment of multi-level approval workflows for user access requests, modifications, and removals.

□ Adherence to IFRS, PFMA, and other regulatory standards for financial reporting.

Ensure financial data accuracy and transparency by enforcing IFRS (International Financial Reporting Standards) and PFMA (Public Finance Management Act) compliance.

Ability to align reporting structures and financial disclosures with statutory and regulatory requirements.

Enhancement of the automated reporting templates to reduce manual adjustments and enhance compliance.

Ensure controls and approval mechanisms for financial data adjustments and budget amendments.

Enhancement of GRC audits to ensure continuous compliance with financial and governance standards.

□ Audit trail functionality for tracking system changes and user activities.

Availability of comprehensive audit logging system to track user activities, data modifications, and system configuration changes within SAP BPC.

Availability of timestamped logs for every financial transaction, user login, and administrative action implemented.

Provide reporting capabilities for audit trails, allowing finance teams and auditors to review historical changes.

Integrate alert mechanisms for suspicious activities, unauthorized access, or policy violations.

□ Assistance with SAP BPC Authorization Issues such as task profiles and data access profiles

Identify and resolve authorization conflicts related to task profiles and data access profiles in SAP BPC.

Ensure that end users and administrators have appropriate access rights without compromising data security.

Have the Ability to perform access control testing and validation to prevent unauthorized financial data modifications.

Enhancement of emergency access procedures for resolving critical authorization issues while maintaining compliance

N.B. The tenderer must provide hourly rates for resources required for support and use the table below as a guideline (add relevant resources

2. AWARDING STRATEGY

The maximum number of suppliers to be awarded this RFQ is 1

3. EVALUATION CRITERIA

The RFQ will be evaluated based on the criterion below:

3.1. Test for Responsiveness/ Pre- qualification

3.1.1. Pricing Schedule in 3.3.1 should be fully completed

3.1.2. Official letter from OEMs confirming that the service provider is an SAP partner

Responses that fail to meet pre-qualifying criteria stipulated will not be further evaluated.

3.2. FUNCTIONALITY CRITERIA

3.2.1. The functionality evaluation criteria are as follows:

ADJUDICATION CRITERIA		WEIGHT
1.	Previous Related Experience (Similar to current RFQ Scope/Work) The rating of this item is based on a four-point scale: • None = 0 % - No submission • Weak = 33.3% - 1 Company reference • Moderate = 66.7% - 2 Company references • Good = 100% - 3 Company references	30
2.	Human Resource Capacity Adjudicated based on Human Resource Capacity Schedule required for the execution of the scope of work. The purpose is to establish an overall picture of the company's human resource capacity and ability to undertake the work. The rating of this item is based on a four-point scale: None = 0 % - No submission Weak = 33.3% - 2 CVs of SAP BPC & ABC consultants, with 3 years' experience Moderate = 66.7% - 3 CVs of SAP BPC & ABC consultants, with 3 or more years of experience Good = 100% - More than 3 CVs of SAP BPC and ABC consultants with 3 or more years of experience	70
3.		
4.		
TOTAL		100

Responses are required to meet a **minimum of 70 percent** to be further evaluated.

3.3. PREFERENTIAL POINT SYSTEM

The (80/20) Preferential Point System will be used to evaluate price and specific goal on received written price quotations. Where 80 will be allocated for Price and 20 for the Specific goals.

3.3.1. PRICING SCHEDULE

The Supplier must complete the following pricing schedule:

	MILESTONES / LINE ITEMS	Estimated delivery period (where applicable)	UNIT PRICE (where applicable)	QUANTITY (where applicable)	COSTING
1.	Project Manager	As and when required	Hourly Rate	1	
2.	SAP BPC Resource	As and when required	Hourly Rate	1	
3.	SAP BW4Hana Resource	As and when required	Hourly Rate	1	
4.	SAP Basis Resource	As and when required	Hourly Rate	1	
5.	SAP Authorisations Resource	As and when required	Hourly Rate	1	
6.					
7.	The Supplier can add additional Skills-set where necessary				
TOTAL					
VAT					
TOTAL [VAT INCLUDED]					

Failure to price all items will result to disqualification

3.3.1. SPECIFIC GOALS

Rand Water specific goals is to empower previously disadvantaged designated groups. This specific goal will be evaluated and measured by using the SANAS accredited B-BBEE certificate or sworn affidavit for QSE or EME or the dtic B-BBEE certificate.

Points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Bidders will not be disqualified from the bidding process for not submitting a SANAS accredited B-BBEE certificate or sworn affidavit for QSE or EME or the dtic B-BBEE certificate substantiating the B-BBEE status level of contribution or is a non-compliant contributor. Such a bidder will score zero (0) out of maximum of 20 for B-BBEE.

4. RETURNABLE DOCUMENTS

4.1 Returnable Document/s Used for Scoring

Failure to provide all Returnable Documents used for purposes of scoring a RFQ, by the closing date and time of this RFQ will not result in a disqualification. However, Bidders will receive an automatic score of zero for the applicable evaluation criterion.

- 4.1.1 B-BBEE Status Level Verification Certificate (SANAS Approved) / Sworn Affidavit (For EMEs& QSEs)/ the dtic B-BBEE Certificate
- 4.1.2 Functionality evaluation supporting documents.

4.2 Essential Returnable Documents

- 4.2.1 Completed and signed SBD 4 Form (Declaration of Interest)
- 4.2.2 Company Resolution Letter (proof of authority).

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

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

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

2.2.1 If so, furnish particulars:

.....

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

2.3.1 If so, furnish particulars:

.....

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

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.

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 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

5. GENERAL TERMS AND CONDITIONS

The following terms and conditions shall apply to the award. The Supplier agrees to adhere to the terms and conditions.

5.1. DEFINITIONS

- 5.1.1. In the General Conditions of Purchase, the terms below shall have the following meanings, unless it is inconsistent with the context of the Purchase Order:

"PURCHASE ORDER"	means the order between Rand Water and the Supplier;
"DELIVERY"	means delivery in accordance with the conditions of the Purchase Order at the stated delivery point;
"SUPPLIES"	means any services, equipment, goods, items or materials to be delivered by the Supplier in terms of the Purchase Order;
"SUPPLIER"	means the party appointed by Rand Water and with whom Rand Water places the Purchase Order.

5.2. FIXED PRICE

The price stated in the Purchase Order shall be regarded as fixed and is invariable and not subject to adjustments unless otherwise agreed between the parties in writing.

5.3. DELIVERY TIME OR DATE

The delivery time or date stated in the Purchase Order shall be regarded as fixed and the Supplier shall adhere strictly thereto. Rand Water reserves the right to cancel any order issued if delivery is not made as agreed and the Supplier will not be entitled to any cancellation fees.

5.12. FORCE MAJEURE

Any Force Majeure event experienced by the Supplier that is likely to affect the timeous delivery of any items on the Purchase Order shall be communicated to Rand Water in writing within forty-eight (48) hours of the Supplier becoming aware of such circumstance. Force Majeure event means:

- natural disasters
- war, act of foreign enemies
- riot, civil commotion
- strike, lockout, other labour disturbance (including those involving the Supplier's employees) or any other circumstances beyond the control of the Supplier and which in the absence of this paragraph will operate to frustrate the timeous delivery of the item and/or service.

5.13. WARRANTY

- 5.13.1. The Supplier warrants that all goods and Services supplied under this Purchase Order will be in accordance with all contract requirements and free from defects or inferior materials, equipment, and workmanship for twelve (12) months after final acceptance of the goods or Services.
- 5.13.2. If Rand Water finds the warranted goods or Services need to be repaired, changed or re-performed, Rand Water shall so inform the Supplier in writing and the Supplier shall promptly and without expense to Rand Water replace or satisfactorily correct the goods or Services.
- 5.13.3. Any goods, services or parts thereof so corrected, shall also be subject to the provisions of this Clause, and the warranties for such goods, Services or part thereof shall be for twelve (12) months from the date of Rand Water's final acceptance of such corrected goods or Services.
- 5.13.4. The Supplier further warrants the goods/services will meet and are suitable for the purpose intended. These warranties shall survive inspection, acceptance, and payment. Goods/services that do not conform to the above warranties may, at any time within 12 months after delivery to Rand Water, be rejected and returned to the Supplier, and if Rand Water has incurred any expenses as a result thereof, Rand Water will be entitled to recover same from the Supplier.

5.14. TERMINATION FOR CONVENIENCE

Rand Water reserves the right, at any time, in its own best interest,

5.4. PURCHASE ORDER

- 5.4.1. In terms of this order Rand Water undertakes to procure, and the Supplier undertakes to supply the products and/or services as contained on the Purchase Order. This however, does not prohibit Rand Water to procure additional products/services, and or to procure the same/similar products/services, from any other Supplier.
- 5.4.2. The Purchase Order number stated in the Order shall be indicated clearly on all documentation to be issued by either party to the other.

5.5. CANCELLATION OF ORDER

- 5.5.1. Should the Supplier fail to deliver the goods at the time agreed to, or should it not comply with any other essential condition of the Purchase Order, Rand Water shall be entitled in writing to cancel the Purchase Order, without any adverse cost implications for Rand Water.
- 5.5.2. The aforesaid cancellation shall not prevent Rand Water from exercising any of its rights available in terms of the Purchase Order.

5.6. DISPATCH OF SUPPLIES

Rand Water shall not be responsible for any risk in and to the goods before delivery of such goods has taken place.

5.7. SPECIFICATIONS

- 5.7.1. The Supplier shall ensure that the service to be rendered shall in all respects be in accordance with the requirements and stipulations set out in the Purchase Order. All materials and consumable items if applicable shall be new and unused, unless otherwise agreed to in writing.
- 5.7.2. Rand Water shall be entitled to return any goods with defects or deviations from the agreed specification within 7 days after date of delivery and will not be liable for any cost.

5.8. GUARANTEE

Save for consumables, the Supplier guarantees the workmanship and materials and any components thereof will be free of any defects for a period of at least 12 (twelve) months after the acceptance thereof by Rand Water, reasonable wear and tear will be accepted.

5.9. PAYMENT

Rand Water does not allow advance payments to the Supplier.

- 5.9.1. Payment of an invoice shall not prevent Rand Water from subsequently disputing all or any of the fees in good faith whether during or after the term of the Purchase Order.
- 5.9.2. Payments shall be effected within 30 days after submission of monthly statement.
- 5.9.3. Rand Water shall endeavour to make payment within 30 days from date of monthly statement, date of the aforesaid monthly statement should reflect the last day of the month wherein the services being invoiced were rendered.

5.10. LIABILITY FOR COSTS, DAMAGES OR EXPENSES

Rand Water may deduct all costs, damages or expenses, or any other amount for which the Supplier is liable in terms of the Purchase Order, from moneys due to or becoming due to the Supplier in terms of any subsequent Purchase Orders or the contract between the Supplier and Rand Water. Rand Water is herewith irrevocably and *in rem suam* authorized.

5.11. PENALTY AND PERFORMANCE CLAUSE

- 5.11.1. Should the Supplier fail to perform and make delivery in terms of the Purchase Order, exception of Force Majeure specified in Clause 8.13, Rand Water shall be entitled to impose a penalty, which shall be deducted from the payment statement. The imposition of such penalty shall not relieve the Supplier from its obligation to complete the services or from any of its obligations and liabilities under the Purchase Order.
- 5.11.2. Every day, following the day on which a Failure arose ("day 1"), that a Failure persists without being rectified, shall be deemed a new incidence of a Failure for which the Supplier shall incur a penalty deduction.

and without liability, to terminate a Purchase Order in whole or in part, by written notice of termination for convenience to the Supplier. If the Purchase Order is so terminated, then, within thirty (30) days following the Supplier's receipt of the termination notice, the Supplier shall submit a claim for equitable adjustment. If the termination involves only services, Rand Water shall be obligated to pay only for services performed satisfactorily before the termination date.

5.15. TERMINATION FOR DEFAULT

Rand Water may, without liability, and in addition to any other rights or remedies provided herein or by law, terminate a Purchase Order in whole or in part by written notice of default if the Supplier:

- fails to deliver in terms of the Purchase Order or perform the services within the time specified;
- fails to make sufficient progress with the work, thereby endangering completion of performance within the time specified; or
- fails to comply with any of the other instructions, terms, or conditions. Rand Water's right to terminate for default may be exercised if the Supplier does not cure the failure within ten (10) days after receiving the notice of such failure.

5.16. AMENDMENT OF ORDER

- 5.16.1. No amendment or variations to the Purchase Order shall be permitted without the written approval of Rand Water.
- 5.16.2. No price adjustments shall be accepted unless stipulated in the quotation document received. The Supplier shall be obliged to supply the goods and services on the quoted prices, if the Purchase Order was placed within valid time of quotation.

5.17. CESSION OF CONTRACTS

The Supplier may not, cede, delegate, relinquish or transfer to anyone his rights and/or obligations without the prior written consent of Rand Water.

5.18. DISPUTE RESOLUTION

All disputes between the parties shall, when all efforts to resolve such dispute by negotiation have failed shall be resolved by way of arbitration under the auspices of the Arbitration Foundation of Southern Africa ("AFSA") as per AFSA's rules, in Sandton, Johannesburg. Either party shall however be entitled to proceed to the South Gauteng High Court (to which jurisdiction the parties hereby consent) for any urgent, interim or interdictory relief, as that party may deem necessary in the circumstances in order to protect its rights or interests under a Purchase Order or these terms and conditions.

5.19. DOMICILIUM CITANDI ET EXECUTANDI AND NOTICES

- 5.19.1. The Parties hereto respectively choose as their *domicilium citandi et executandi* for all purposes of, and in connection with this Agreement, the physical addresses as they appear on the Purchase Order.
- 5.19.2. Any notice to be given hereunder shall be given in writing and may be given either personally (i.e. per hand or courier) or may be sent by registered post and addressed to the relevant party at its domicilium or to such other address as shall be notified in writing by either of the parties to the other from time to time. Any notice given by registered post shall be deemed to have been served on the expiry of 7 (seven) calendar days after same is posted. Any notice delivered personally shall be deemed to have been served at the time of delivery.

5.20. LAW

The Purchase Order shall be governed and interpreted in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the South African courts to which the Supplier hereby irrevocably submits but without prejudice to Rand Water's right to take proceedings against the Supplier in other jurisdictions.

SIGNED at _____ on _____

For and on behalf of Supplier

Who warrants being duly authorised

Name:

Designation: