



MANAGEMENT OF BIOMEDICAL EQUIPMENT PROCUREMENT

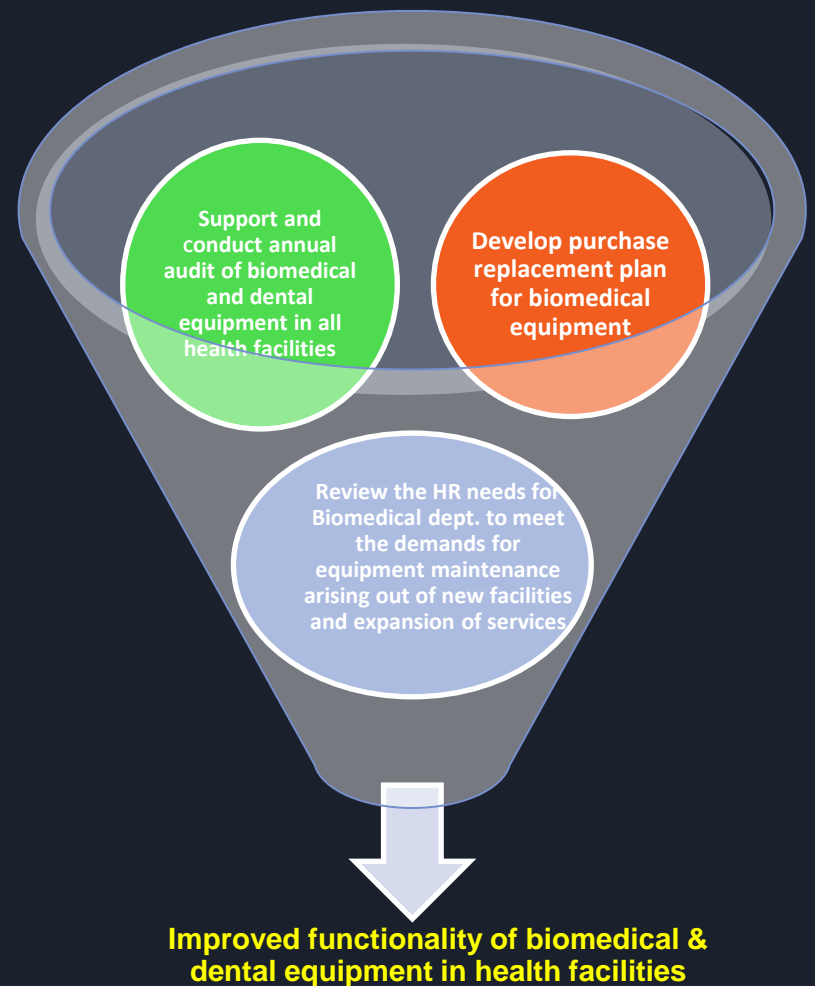
BIOMEDICAL ENGINEERING UNIT - FIJI ISLANDS

Presented By:

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County : Fiji Islands

INTRODUCTION

- ❖ Overview of the procurement of medical equipment – strategic approach
- ❖ List the detail of planned and key components of procurement
- ❖ Works required to successfully execute procurement within the timeframe
- ❖ enable the stakeholders to recognize those procurements and how they interrelate



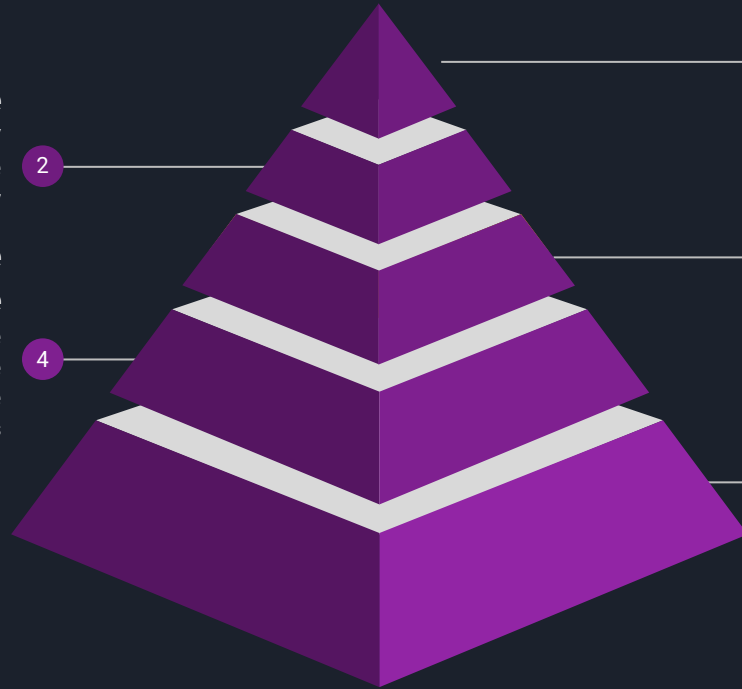
OVERVIEW

Routine Maintenance

To increase longevity of biomedical/dental equipments timely routine maintenance is mandatory

Routine Corrective Maintenance

Readily available parts need to be available to ensure equipments are restored in a timely manner with front line back up for contingencies



Replacement of equipment

Procurement of Biomedical Equipment as per replacement basis according to the Equipment Lifespan.

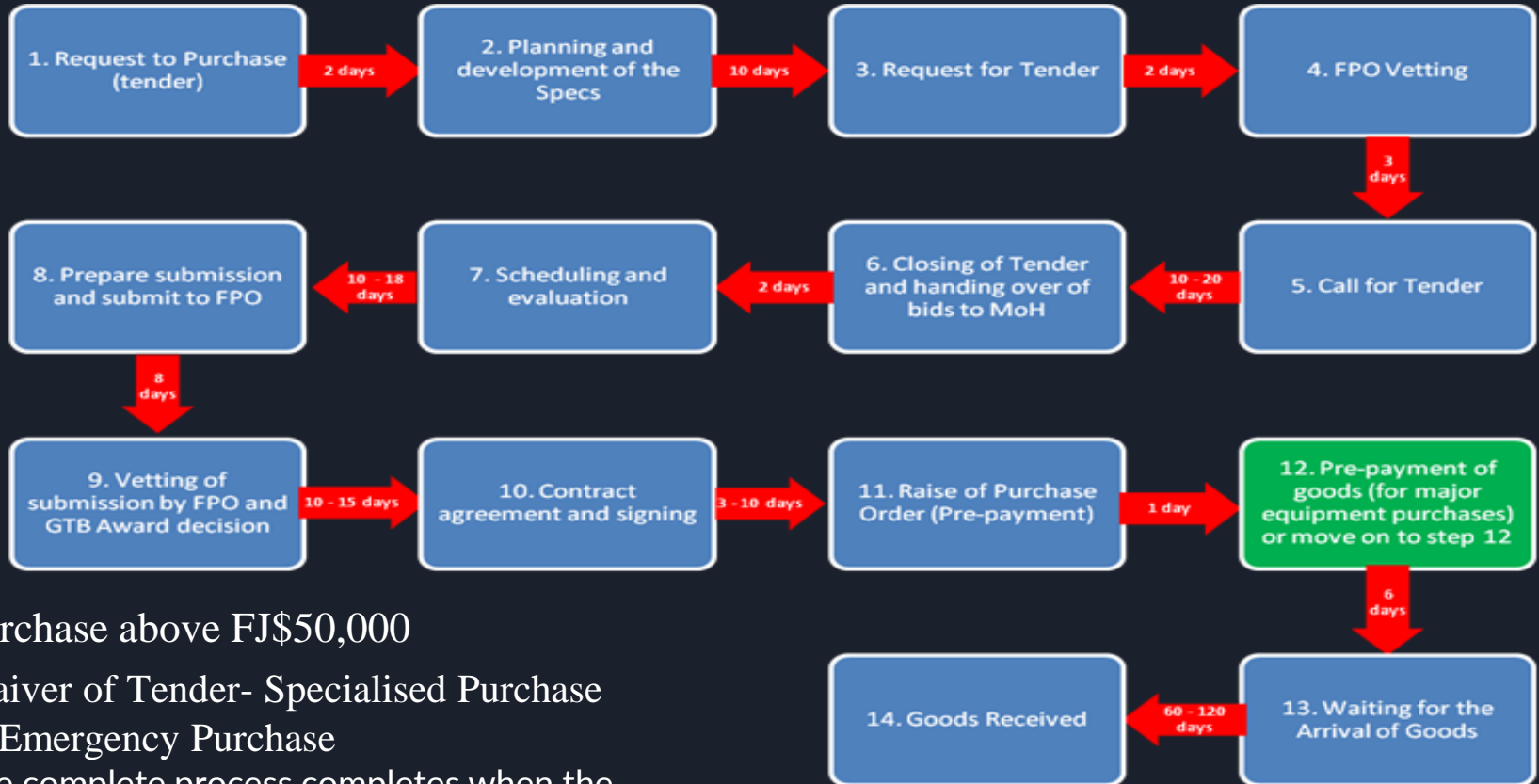
Expansion of services

As a result of population size or increased demand for the services the need to purchase addition equipments

Introduction of new services

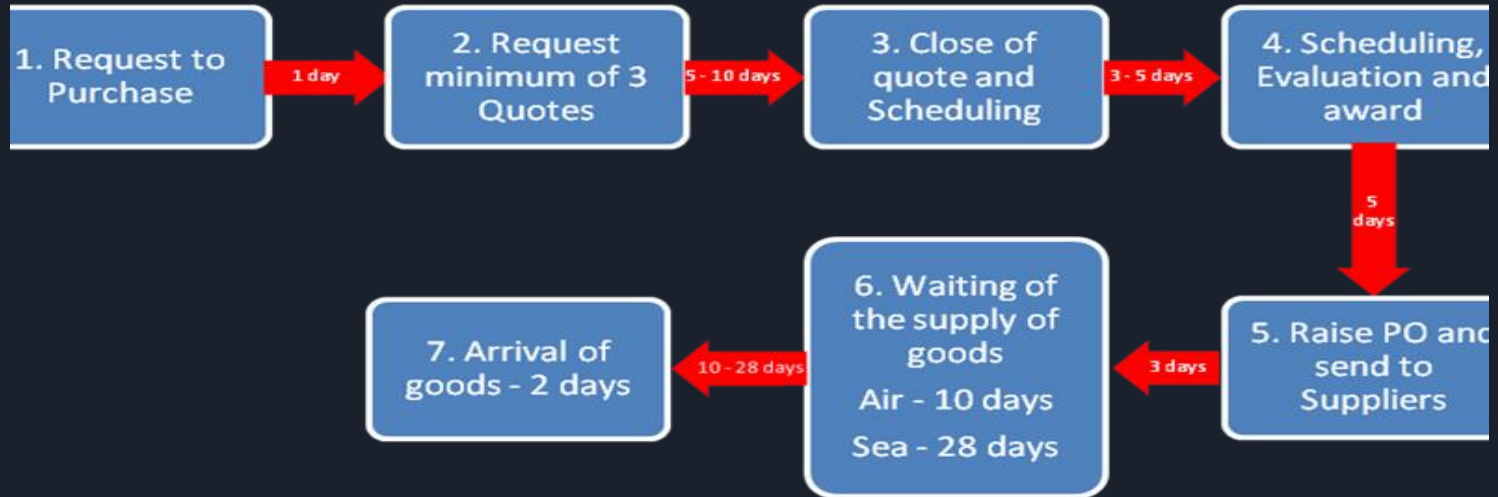
UHC increases the decentralization of health services to the peripheries to increase accessibility

1.0 TENDER PROCESS



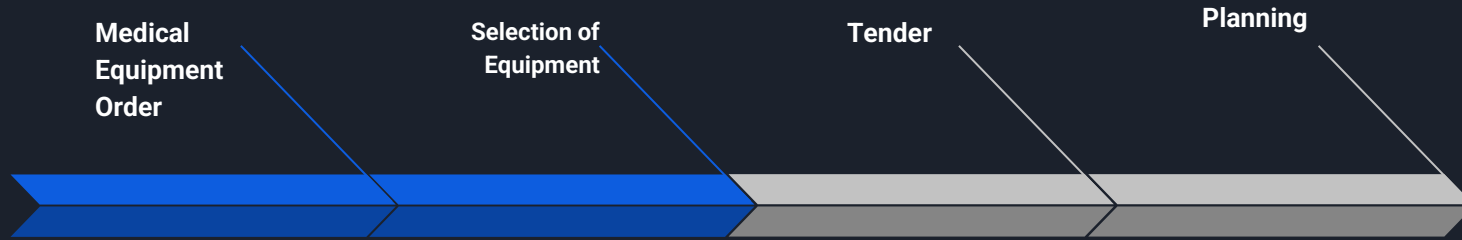
- Purchase above FJ\$50,000
- Waiver of Tender- Specialised Purchase or Emergency Purchase
- The complete process completes when the good is received and paid, 4-6 months

1.1 REQUEST FOR QUOTATION



- Purchase less than FJ\$50,000
- The complete process completes when the good is received and paid, 1-2 months.

1.3 PROCUREMENT ACTIVITIES



Order

- Purchase agreement signed
- Site preparation occurs parallel to these plans and ordering
- order placed with supplier with ETA received
- Payment facilitation as per terms and conditions
- Equipment received verified
- Installation and Commissioning

Evaluation

- Scheduling of Bids
- Administration Evaluation
- Technical Evaluation
- Pricing Evaluation
- GTB Approva

Tender

- Open tender for advertisement
- Close tender for advertisement
- Scheduling of tender Bids

PURCHASE PLAN

- Dialogue with Clinical Service Networks (Clinicians) and Biomed on purchase plan)
- Endorsement by the NBEC
- Finalize specification for Tender advertisement
- Finalize quantification of spare parts with a 1% buffer for contingency
- Secure parts supplies to be part of medical equipment purchase

1.4 CHALLENGES

CHALLENGES	WAY FORWARD
Contracting is a bottle neck	Possibility for an in-house senior legal officer to streamline contacting process
Delayed Negotiation for price variation on contracts	Close monitoring of contracts in place to ensure utilization of funds
GTB approvals takes more than a month	Increased dialogue with FPO to expedite GTB approvals
Implemented Changes by stakeholders like FPO	FPO to share plan on changes to enable timely adoption by their stake holders
Execution of plan within the same fiscal year	Advertise tender in the 4th quarter of the current fiscal year to ensure supplies are received and paid within the same year. <ul style="list-style-type: none">- Approved tenders are available by the next financial cycle
Adhoc Purchasing	Proper Planning and execution
Minimum Equipment Standards	Review of equipment standards to suite the direction of the Ministry

2.0 OPPORTUNITIES & DEVELOPMENTS

Equipment Replacement Plan

- annual audit of health facility
- develop 5 year replacement plan
- Proper inventory database that is consistently updated



Finance

- Develop proposed budget to be aligned with replacement plan
- Must include detail of equipment, facility and location
- Develop the annual procurement plan on how to execute procurement given the proposed budget



Procurement of Medical Equipment

- Proper execution of procurement as per plan
- Monitoring of APP
- Increased Dialogue with stakeholders for ordering, receiving and payment of purchase



2.1 BUDGET CURRENT UTILIZATION

BIOMEDICAL URBAN	DENTAL URBAN	BIOMEDICAL SERVICE	BIOMEDICAL SPARE PARTS
96.4%	23.5%	29%	\$2,000,000
\$3,000,000	1,289,200	1,835,039	75.6%

2.2 PROPOSED BUDGET ESTIMATES

	Actuals	Estimate	Exp'd YTD	Baseline	Change	Proposed	Planned Change		Remarks
	2021-2022	2022-2023	[28.02.23]			Estimate	2024-2025	2025-2026	
Head No. 22 - MINISTRY OF HEALTH AND MEDICAL SERVICES									
Programme 4 - Medical Supplies and Equipment									
Programme 4 - Medical Supplies and Equipment #REF!									
Total SEG 4	798,241	3,835,039	1,480,140	3,835,039	1,900,615	\$5,735,654.25	3,835,039	3,835,039	
Biomedical Spare Parts & Maintenance	524,073	2,000,000	1,055,679	2,000,000	1,900,615	\$3,900,615.25	2,000,000	2,000,000	Contract Renewal of supply of Biomedical and Dental equipment spare parts under CTN108 Spare Parts \$1,992,454.65, CTN 108 Accessories \$1,908,160.60
Service Fees for Biomedical Equipment	274,167	1,835,039	424,461	1,835,039	0	\$1,835,039.00	1,835,039	1,835,039	MRI, CT Scan, Laboratory Equipment, Radiologyequipment, BSC, Ventilator and Eye.This is an on-going activities for highly complex equipments that requires routine and timely maintenance.
Total SEG 9	6,265,625	4,289,200	2,823,806	0	21,105,804	\$21,105,804.26	0	0	..Documents\VIRISILA\1.BIOMED REPORTING\BUDGET 2023\APP_2023_2024.xlsx
Purchase of Bio-Medical Equipment for Urban and Sub-Divisional hospitals	5,130,535	3,000,000	2,767,760	0	19,816,605	\$19,816,604.72	0	0	Approved 5 year replacement plan for CWMHOT 2023/2024 \$388,546.80, Labasa OT 2023/2024 \$2,792,694.92 , Biomedical Test Equipment \$1,390,365.00, Biomedical Medical Equipment \$2,675,800.00, Radiology approved 5 year replacement plan \$10,768,748.00, Laboratory approved 5 year replacement plan \$1,200,450. All replacement plan has accumulated since 2017/2018 fiscal year due to the operation budget availability, OT is a critical area for treatment of diagnosed patients. With the Universal health coverage where there is a need to decentralize there currently with major disruption and the Ministry does not meet its objectives due to unavailability of equipments for effective patient management. Overtime there are internal processes between various stakeholders of the Government that we may need to streamline to enable capital projects to start and finish as projected in the plans. This includes FPO and SG's office. With the current tender strategy we are only limited to advertise according to the capability of the budget, these means we cannot activate process in advance given the various potential risks that is captured in the plans. This means there is no seamless inegration of our internal processes to ensure that project timelines are met and facilitated within the same 0 fiscal year.
Purchase of Dental Equipment for Urban Hospitals and Sub - Divisional Hospitals	1,135,090	1,289,200	56,046	0	1,289,200	\$1,289,199.54	0	0	Contract renewal of Dental Urban Sub-Division CTN91 \$1,209,965.45

2.3 ANNUAL PROCUREMENT PLAN

2.3.1 BIOMEDICAL EQUIPMENT FOR URBAN & SUB-DIVISION

Project Title:	Biomedical Equipment for Urban & Sub- Divisional Hospitals								
Implementing Agency:	Ministry of Health & Medical Services						Annual Procurement Plan 2023 - 2024		
Head/Programme/Activity/SEG:	222/4/1/9								
Budget:	\$21,105,804.26								
Annual Procurement Plan									
Expected Outputs	Planned Activities	Timeframe		Implementation Dates		Potential Risks	Responsible Agency	Is the activity on track? Yes or No. Explain.	General remarks on activities undertaken in achieving outputs
		Start	Finish						
Output 1: Contract for Supply, Installation & Commissioning of Laboratory Equipment RFT 65-2021 for MHMS -	Site Preparation					Potential delays with construction of the facility will delay these activities.	FPBS AMU	Yes	36% Pending to be received
	Receipt of Goods & Payment done	21/01/2022	20/04/2022				FPBS MoF	Partially	
	Installation, Commissioning & Training	17/9/2021	20/04/2022				FPBS Supplier	Partially	
Output 2: Contract for Supply, Installation & Commissioning of Keyasi & Rotuma Hospital for MHMS - CTN 78	Site Preparation					Potential delays with construction of the facility will delay these activities.	FPBS AMU	Partially	Rotuma Hospital infrastructure works is still in progress, advise A/DMOE on the site readiness to allow suppliers to convene installation.
	Receipt of Goods & Payment done	1/1/2022	3/4/2022				FPBS MoF	Yes	
	Installation, Commissioning & Training	1/1/2022	3/4/2022				FPBS Supplier	52% of installation pending	
		3/4/2022	18/3/2022						

2.3.1 BIOMEDICAL EQUIPMENT FOR URBAN & SUB-DIVISION CNTD..

Output 3: Contract for Supply, Installation & Commissioning of Radiology Equipment for MHMS - (CT Scan) RFT 19/2022	Acquire Specifications					Confirmation from clinical reps on the finalized specs.	FPBS	Yes	Site preparation in progress for CWMH in progress
		21/08/2021	25/08/2021						
	Call for Tender	25/08/2021	9/9/2021			Request for extension from bidders.	FPBS	Yes	
	Closing of Tender						FPBS FPO	Yes	
	Scheduling of Bids	9/9/2021	10/7/2021			Availability of HR to complete the scheduling	FPBS	Yes	
		10/7/2021	20/10/2021						
	Technical Evaluation	20/10/2021	27/10/2021			Availability of committee members	FPBS	Yes	
	Final Price Evaluation						FPBS	Yes	
	GTB Award	27/10/2021	11/10/2021			Change in GTB Meeting dates.	FPBS FPO	Yes	
	PO Agreement	11/10/2021	24/11/2021			Delays with finalizing contract with SG's Office.	FPBS Supplier SG's Office	Yes	
		24/11/2021	1/5/2022			Potential delays can be faced should there be downtime with the FMIS.	FPBS	Yes	
	Issue of PO's								
	Site Preparation	1/5/2022	19/01/2022			Potential delays with construction of the facility will delay these activities.	FPBS AMU	50% Completed	
Receipt of Goods & Payment done	21/01/2022	20/04/2022	Mayment			FPBS MoF			
Installation, Commissioning & Training	17/9/2021	20/04/2022	May	June		FPBS Supplier			
	20/04/2022	5/11/2022							

2.4 DENTAL URBAND & SUB-DIVISIONAL

				ANNUAL PROCUREMENT PLAN 2023-2024				
Project Title:	Dental Equipment for Urban & Sub- Divisional Hospitals							
Implementing Agency:	Ministry of Health & Medical Services							
Head/Programme/Activity/SEG:	22/4/1/9(1)							
Revised Budget:	\$1,289,199.54							
		Annual Procurement Plan						
Expected Outputs	Planned Activities	Timeframe		Potential Risks	Responsible Agency	Is the activity on track? Yes or No. Explain.	General remarks on activities undertaken in achieving outputs	
		Start	Finish					
Output 1: Contract for Supply, Installation & Commissioning of Dental Equipment for MHMS -CTN 91/21 \$1,289,199.54	Acquire Specifications			Confirmation from clinical reps on the finalized specs.	FPBS	Yes	Rate Based Purchase	
	Call for Tender	1/7/2023	14/7/2023	Request for extension from bidders.	FPBS			
	Closing of Tender	15/7/2023	15/8/2023		FPBS FPO			
	Scheduling of Bids	15/8/2023	16/8/2023	Availability of HR to complete the scheduling	FPBS			
	Technical Evaluation	17/8/2023	30/8/2023	Availability of committee members	FPBS			
	Final Price Evaluation	1/9/2023	2/9/2023		FPBS			
	GTB Award	3/9/2023	4/9/2023	Change in GTB Meeting dates.	FPBS FPO			
	PO Agreement	9/9/2023	22/9/2023	Delays with finalizing contract with SG's Office.	FPBS Supplier SG's Office			
	Issue of PO's	23/9/2023	6/10/2023	Potential delays can be faced should there be downtime with the FMIS.	FPBS			
	Site Preparation	7/10/2023	9/10/2023	Potential delays with construction of the facility will delay these activities.	FPBS AMU			
	Receipt of Goods & Payment done	9/10/2023	22/10/2023		FPBS MoF			
	Installation, Commissioning & Training	23/10/2023	6/10/2023		FPBS Supplier			
		7/10/2023	7/11/2023					

2.4 BIOMEDICAL SPARE PARTS

Project Title:	Biomedical Spare parts and Maintenance						
Implementing Agency:	Ministry of Health & Medical Services						
Head/Programme/Activity/SEG:	22/4/1/4(3)						
Revised Budget:	\$3,900,615.25						
	Annual Work Programme						
Expected Outputs	Planned Activities	Timeframe		Potential Risks	Responsible Agency	Is the activity on track? Yes or No. Explain.	General remarks on activities undertaken in achieving outputs
		Start	Finish				
OUTPUT 1: CONTRACT FOR SUPPLY OF BIOMEDICAL SPARE PARTS FOR MOHMS- CTN 108	Issue of PO's	1/8/2023	30/1/2024	Potential delays can be faced should there be downtime with the FMIS.	FPBS	On-going	Fixed rate tender purchase
	Receipt of Goods & Payment done	1/2/2024	30/8/2024	Potential delays with pre-payment process and Manufacturer delays	FPBS	On-going	
Output 2: SUPPLY OF EMERGENCY SPARE PARE FOR MOHMS- \$176,364	Compile Submission	On-going purchase as and when Unplanned break down occurs		Justification from technical reps on urgency of purchase	FPBS	On-going	
	Request for Quotation			Request for extension from suppliers	FPBS	On-going	
	Closing of Quotation				FPBS	On-going	
	Scheduling of Bids			Availability of HR to complete the scheduling	FPBS	On-going	
	Technical Evaluation			Availability of committee members	FPBS	On-going	
	Final Price Evaluation				FPBS	On-going	
	TEC Recommendation			Change in Evaluation Meeting dates.	FPBS	On-going	
	Issue of PO's			Potential delays can be faced should there be downtime with the FMIS.	FPBS	On-going	
Receipt of Goods & Payment done	Potential delays with pre-payment process and Manufacturer delays	FPO FPBS SUPPLIER	In progress				
Total							



Thank You for Listening

Any Questions???