

# Bachelor of Science in Environmental Science

ZSCMST



BAGONG PILIPINAS



AREA I

## OUTCOMES

0.2 |

There is congruency between actual educational practices and activities with the following:



## Outcome/s

O.2. There is congruency between actual educational practices and activities with the following:

- O.2.1. vision and mission of the SUC;
- O.2.2. goals of the College/ Department of Environmental Science; and
- O.2.3. objectives of the Environmental Science program.

	Practices and Activities	Participants	Inclusive Dates
O.2.1 vision and mission of the SUC	Writeshop on Crafting Effective Research Proposal Incorporating Futures Thinking	ZSCMST Faculty and Staff	November 13-15, 2023
	Three-Day IP Basics and Beyond Training-Writeshop	ZSCMST Faculty and Staff	June 13-15, 2023
	Training on Feasibility Study and Its Application	ZSCMST Faculty and Staff	June 9, 2023
	Training on Research Project Management	ZSCMST Faculty and Staff	July 28-30, 2025
	Training on IP Basics and Beyond	ZSCMST Faculty and Staff	July 28-30, 2025
	5-Day Coastal Resource Management Training	ZSCMST Faculty and Staff	September 19-21, 2024
	Facilitators Training on Referrals and Basic Counseling	ZSCMST Faculty and Staff	March 6, 2024
	Basic Research Ethics Training	ZSCMST Faculty and Staff	September 6-8, 2022
	In-house Training on ISO 9001:2015 for Internal Quality Auditors	ZSCMST Faculty and Staff	May 21, 2024
	Syposium on Man Made and Natural Calamities	ZSCMST Faculty and Staff	March 2, 2023
	Kabataan Para Sa Kalikasan	Selected ZSCMST Students	April 26, 2025
	Upgrading of Laboratory Equipment, Facilities and Accessories of the CFMS for 2025	ZSCMST Administrators, Staffs and CFMS	



	Practices and Activities	Participants	Inclusive Dates
<p>O.2.1                      vision and mission of                      the SUC</p>	<p>Development of Academic and Exchange Programs among Universities in the Philippines and Turkey. This project aims to promote academic exchange programs with disciplines related to fisheries; build capability of faculty and researchers in the said field; develop collaborative and integrative research projects; and develop appropriate joint, dual, double or by-research degree programs.</p> <p>a) The Zamboanga State College of Marine and Sciences and Ege University or Aegean University (Turkish: Ege Üniversitesi)                      b) The Zamboanga State College of Marine and Sciences and Ankara University (Turkey)                      c) The Zamboanga State College of Marine Sciences and Technology and Canakkale Onsekiz Mart University (Turkey)                      d) The Zamboanga State College of Marine Sciences and Technology and Karadeniz Technical University (Turkey)                      e) The Zamboanga State College of Marine Sciences and Technology and Kastamonu University (Turkey)                      f) The Zamboanga State College of Marine Sciences and Technology and Isparta University of Applied Sciences (Turkey)</p>	<p>ZSCMST, headed by the College President, Dr. Jaime G. Jalon</p>	<p>September 19, 2022 - Present</p>

**BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE  
AREA 1- LEVEL 1 ACCREDITATION**

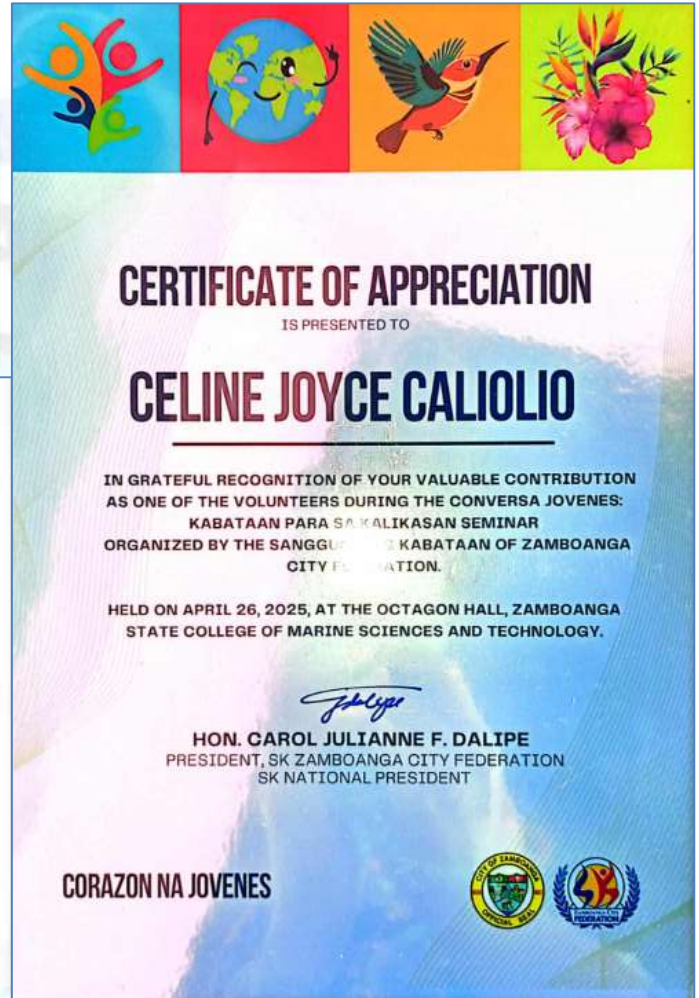


	Practices and Activities	Participants	Inclusive Dates
O.2.2. goals of the College/ Department of Environmental Science	CFMS and World Fisheries Day	CFMS Faculty and Student	
	World Clean-Up Day	CFMS Faculty and Student	September 29, 2023
	6th Undergraduate Research Forum	ZSCMST Faculty and Student	June 6, 2023
	7th Undergraduate Research Forum	CFMS Faculty and Student	May 20, 2024
	8th Undergraduate Research Forum	CFMS Faculty and Student	May 16, 2025
	TEA Time 2023	CFMS Faculty and Student	May 29, 2023
	TEA Time 2024	CFMS Faculty and Student	February 27, 2024
	Molecular Laboratory Equipment Training	CFMS Faculty	August 14-15, 2025
	56th Annual Convention for the Federation of Institutions for Marine and Freshwater Sciences, Inc. FIMFS	CFMS Faculty	October 22-24, 2024
	3rd International Biodiversity Conference	CFMS Faculty	October 24-26, 2024
O.2.3. objectives of the Environmental Science program.	Geographic Information System (GIS) Seminar Workshop	BSES Faculty and Student	
	1st Environmental Science Research Congress	BSES Faculty and Student	June 16-18, 2025

ZSCMST



Sample Certificates on the participation of BSES Students and Faculty in seminars/trainings/workshops





Sample Certificates and Photo Documentations of Research Conferences attended by BSES Faculty and Student





## Establishment of the Molecular Laboratory Equipment

Republic of the Philippines  
SORSOGON STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY  
Puro Pisan, Sorsogon City  
Tel No: (043) 244-1000 Telefax (043) 244-1001 http://www.sorstat.edu.ph

**OFFICE OF THE COLLEGE PRESIDENT**

MEMORANDUM: No. 35  
Series 2025

TO : ALL CONCERNED PERSONNEL

SUBJECT : PARTICIPATION IN MOLECULAR LABORATORY EQUIPMENT TRAINING

DATE : AUGUST 11, 2025

In cognizance of the Molecular Laboratory Equipment Training to be conducted by RainPhil Incorporated on August 14-15, 2025, all personnel listed below are hereby directed to participate in the said training:

1. Billy Jay Belotindos, BAC Inspector
2. Arthon Glenn Antonio, BAC Inspector
3. Sherrah Mae A. Piroto, BS Marine Fisheries Technology-Program Adviser
4. Juffei C. Pansa, BS Fisheries Faculty
5. Aisne Jane DC. Aquino, BS Fisheries Faculty
6. Ahasmarie C. Pasion, BS Environmental Science-Program Adviser
7. Reward C. Bulay-og, BS Environmental Science Faculty
8. Roxette A. Mandao, BS Environmental Science Faculty
9. Dr. Rocelyn R. Alebata, BS Environmental Science Faculty
10. Christian C. Alatan, BS Post-Harvest Fisheries Faculty
11. Charly T. Castro- BS Post-Harvest Fisheries-Program Adviser
12. Ace M. Alejandro, BS Marine Biology Faculty
13. Junieboy Alberto, BS Marine Biology Faculty
14. Vincent Paul Tuzon, Research-Based Staff
15. May C. Balaoat, Research-Based Staff
16. Salbi Anip, Research-Based Staff
17. Guilberto Lantaya, BS Education -Sciences Faculty
18. Kila P. Abdurajak- BS Environmental Science Faculty
19. Ysa Jeri G. Mangaranas- BS Fisheries Faculty
20. Judia N. Gonzaga- BS Fisheries Faculty

Your attendance and active participation are expected to ensure the effective transfer of knowledge and skills relevant to the operation and maintenance of molecular laboratory equipment.

For your strict compliance.

**DR. ROY L. VALESKO**  
College President

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*In photo: Training on Molecular Laboratory Training Memo (top left) and participants (top right) , turn-over ceremony photos (bottom)*



**BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE  
AREA 1- LEVEL 1 ACCREDITATION**



Approved Annual Procurement Plan (APP) for FY 2025 with budget allocation for CFMS activities and laboratory enhancements, of which the BSES program is a part.

**Zamboanga State College of Marine Sciences and Technology Annual Procurement Plan for FY 2025 - NON-CSE for FY 2025 (BASED ON GAA DUMP PRINT FY 2025)**

Code (PAP)	Procurement Project	PMO/ End-User	is BSE an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (PAP)			Remarks (Brief description of Project)
					Advertisement (Posting of BSE)	Submission/Opening of Bids	Notice of Award	Contract Signing		Total	MOCE	CO	
0020000	Procurement of Meals and Snacks for Food to Food Conference (Internal Audit)	Internal Audit Unit	NO	NP-03.0 - Small Value Procurement	4-Jul-25	-	-	-	IncP	20,000.00	20,000.00		
0020000	Procurement of Meals and Snacks for Legal Training on Performance Laws for New Employees	Legal Office	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	IncP	300,000.00	300,000.00		
0020000	Seminar/Workshop for the Coding of BSES Plan 2025 and Strategic Performance Management System Final Announcement and Calling Services	Planning Office	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	IncP	700,000.00	700,000.00		
0020000	Procurement of Meals, Snacks, Tokens and Materials for Review Class of Licenses Examination for Fisheries Technologists	CFMS	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	140,000.00	140,000.00		
0020000	CFMS Strategic Plan & Toolbuilding	CFMS	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	13,920.00	13,920.00		
0020000	Annual General Tactical Inspection (AGTI)	NETP	NO	Procurement	25-Mar-25	-	-	-	Others	5,000.00	5,000.00		
0020000	Procurement of Supplies, Snacks, and Meals for the conduct of Regional Evaluation and Tactical Inspection (NETI)	NETP	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Others	5,000.00	5,000.00		
0020000	Procurement of Supplies, Snacks, and Meals for NETP Compliance Gateway 2025 (NETI / GWIS 4.0)	NETP	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Others	60,000.00	60,000.00		
0020000	Supplies, Materials, and Meals for Extension/Research Program	NETP	NO	NP-03.0 - Small Value Procurement	1-Apr-25	-	-	-	Others	60,000.00	60,000.00		
0020000	Procurement of Meals and Snacks for the Conduct of Seminar/Workshop/Faculty Development and Enhancement Program	NETP	NO	NP-03.0 - Small Value Procurement	1-Jul-25	-	-	-	Others	30,000.00	30,000.00		
0020000	Procurement of Garments and Equipment for Zamboanga Harmona Festival 2025	Sports & Devs Cultural Office	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	200,000.00	200,000.00		
0020000	Procurement of Garments and Equipment for MASTS Service 2025	Sports & Devs Cultural Office	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	1,000,000.00	1,000,000.00		
0020000	Procurement of Meals, Snacks, Materials and Expenses for 2025NET Policy 2025	Sports & Devs Cultural Office	NO	NP-03.0 - Small Value Procurement	7-Jul-25	-	-	-	Special Purpose Fund	1,000,000.00	1,000,000.00		
0020000	RFQ in House Review (construction, supplies, materials and equipment)	WFRE	NO	NP-03.0 - Small Value Procurement	2-Aug-25	-	-	-	Income	140,250.00	140,250.00		
0020000	RFQ Activity (construction)	WFRE	NO	NP-03.0 - Small Value Procurement	24-May-25	-	-	-	Income	110,250.00	110,250.00		
0020000	ZPMC Office Supplies and Materials	WFRE	NO	NP-03.0 - Small Value Procurement	24-May-25	-	-	-	Income	20,170.00	20,170.00		
0020000	ZPMC Hygiene and Sanitation Supplies and Materials	WFRE	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	30,050.00	30,050.00		
0020000	ZPMC Electrical Supplies, Materials, Tools	WFRE	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	67,202.00	67,202.00		
0020000	ZPMC Packaging and Labeling Materials	WFRE	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	10,605.00	10,605.00		
0020000	RFQ/RFI Training (construction, supplies, equipment and materials)	WFRE	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	63,250.00	63,250.00		
0020000	Materials, Materials and Equipment for "Case Y": A Geosomatic Perspective on Zambosigto Chertaceous Tuffite Research Project	WFRE	NO	NP-03.0 - Small Value Procurement	25-Mar-25	-	-	-	Income	100,000.00	100,000.00		

Copy of the APP 2025 highlighting the provisions for CFMS.

**BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE  
AREA 1- LEVEL 1 ACCREDITATION**



**Zamboanga State College of Marine Sciences and Technology Annual Procurement Plan for FY 2025 - NON-CSE for FY 2025 (BASED ON GAA DUMP PRINT FY 2025)**

Code (PAP)	Procurement Project	PNO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (P=₱)			Remarks (brief description of Project)
					Advertisement/Posting of BPRE	Submission/Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
1003029	Procurement of Office Equipment, Peripherals and Accessories	Guidance and Counseling Office	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	GoP	65,000.00	65,000.00		
1003028	Procurement of 7 units Electronic (Face and Fingerprint) and 7 units Electronic (Fingerprint and ID) for Teaching Personnel	HRMO	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	Income	250,000.00	250,000.00		
1003030	Office Productivity	CISO	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GoP	1,212,400.00		1,212,400.00	
1003028	Rehabilitation and Small Campus Development, Operationalization of Face to Face Classes and Upgrading/Procurement of Equipment	CISO	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GoP	4,787,800.00		4,787,800.00	
1003038	ZSCMST Elevating Cybersecurity Defense for a Secure Future	CISO	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	27-Mar-25	30-Mar-25	31-Mar-25	Others	2,000,000.00		2,000,000.00	Approved Project with the CHED Central Office
1004018	Construction and Improvement of Fish Disease Laboratory into Molecular Laboratory Building of ZSCMST Campus II	Engineering Office	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GoP	4,200,000.00		4,200,000.00	
1004019	Rehabilitation and Improvement of Aquaculture Laboratory Building of ZSCMST Campus II	Engineering Office	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GoP	4,800,000.00		4,800,000.00	
1004019	Rehabilitation and Improvement of Isolation Room of Health and Medical Services Unit	Health and Medical Services	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	Special Purpose Fund	579,677.00		579,677.00	
1004018	Materials and Labor for the Renovation of MTP-RODIO Office and Amenity Room	HRP	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	Others	120,000.00		120,000.00	
1003013	Procurement of Construction Materials for repair of College Apartments	Corporate Office	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	Corporate Budget	600,000.00		600,000.00	
1003009	Procurement of Equipments for Corporate Affairs Office Operations / ISP	Corporate Office	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	Corporate Budget	190,000.00		190,000.00	
1003009	Procurement of Janitorial Supplies for Corporate Affairs Office Operations / ISP	Corporate Office	NO	NP-SI.9 - Small Value Procurement	24-Mar-25	-	-	-	Corporate Budget	80,000.00		80,000.00	
1004019	Upgrade and Digitalization of ZSCMST Curriculum into ZSCMST Multi-Activity Center	Engineering Office	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GoP	7,200,000.00		7,200,000.00	
1003140	Procurement of Supplies and Equipment for Biology Starter Lab Station	CELA	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	150,000.00		150,000.00	
1003140	Procurement of Supplies and Equipment for Physics Lab Station Office	CELA	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	60,000.00		60,000.00	
1003140	Procurement of General Physics Modular Circuit Kit	CELA	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	107,448.00		107,448.00	
1003140	Procurement of 2 units Industrial Sewing Machine Heavy Duty	CELA	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	150,000.00		150,000.00	
1003140	Procurement of Laboratory Equipment, Supplies and Materials for CMT Laboratory	CMT	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	277,500.00		277,500.00	
1003140	Acquiring of Laboratory Equipment for MS Station (Post Harvest Technology)	CFMS	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	630,250.00		630,250.00	
1003140	Laboratory Enhancement of OS Aquaculture Program	CFMS	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	400,000.00		400,000.00	
1003140	Procurement of Laboratory Supplies and Equipment for Fish Health Laboratory	CFMS	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	170,354.00		170,354.00	
1003140	Procurement of Equipment and Laboratory Enhancement of Marine Biology Laboratory	CFMS	NO	NP-SI.9 - Small Value Procurement	25-Mar-25	-	-	-	Special Purpose Fund	300,000.00		300,000.00	

Copy of the APP 2025 highlighting the provisions for CFMS.

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BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE  
 AREA 1- LEVEL 1 ACCREDITATION



Zamboanga State College of Marine Sciences and Technology Annual Procurement Plan for FY 2025 - NON-CSE for FY 2025 (BASED ON GAA DUMP PRINT FY 2025)

Code (PAP)	Procurement Project	PBD/ End-User	IS THERE AN Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (PAP)			Remarks (Brief description of Project)
					Advertisement (Posting of IBBS)	Submission/Opening of Bids	Notice of Award	Contract Signing		Total	ROOE	CO	
1000013	RE-FLEETING OF ZSCMST VEHICLES (Mini-Bus, Sport Utility Vehicle, 6 Dump Truck)	College Motorpool	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GA	10,000,000.00		10,000,000.00	
1000003	Upgrade and Duplication of ZSCMST Oceanic and ZSCMST Mollusks Activity Center	Engineering Office	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GA	6,300,000.00		6,300,000.00	
1000001	Procurement of Technical Equipment for the Conversion and upgrading of Fisheries Laboratory into Molecular laboratory	CFMS	NO	Competitive Bidding	25-Mar-25	27-Mar-25	31-Mar-25	1-Apr-25	GA - Contingency Fund	1,072,000.00		1,072,000.00	Continuing Appropriation
1000002	Procurement of Laboratory Equipment	Health and Medical Services	NO	Limited Source Bidding	25-Mar-25	-	-	-	Special Purpose Fund	204,000.00		204,000.00	Carried Forward Project - FY 2024
1000004	Procurement of Equipment (1 unit Microscope with Camera) for Red Frog Crab Aquaculture: Feeding and Rearing for Increased Abundance (ZSWP004)	CFMS	NO	RF-02.3 - Good Value Procurement	25-Mar-25	-	-	-	Other	274,500.00		274,500.00	Approved Project with the DCOI Register
1000005	Procurement of Equipment (One (1) Analytical Balance, One (1) High-Resolution UV-Vis Spectrophotometer, One (1) UV-Vis Spectrophotometer) for Accelerated Acidification and Effluent Transport for Maximum Production of OFN Tilapia (ZACT-070)	CFMS	NO	RF-02.3 - Good Value Procurement	25-Mar-25	-	-	-	Other	1,250,000.00		1,250,000.00	Approved Project with the DCOI REGISTER
1000006	Procurement of Equipment (Air Bags, 1 unit Underwater Camera with GoPro and 1 unit Video Recorder) for SeaTie Case-based Academic Reef (STAR) Project	CFMS	NO	RF-02.3 - Good Value Procurement	25-Mar-25	-	-	-	Other	284,000.00		284,000.00	Approved Project with the DCOI REGISTER

Prepared by:

KRYSYAN JESSE B. MENDOZA  
 Bids and Awards Committee Secretariat

Recommended by:

BARLAY P. OBATANUS  
 BAC Member

MICHAEL O. SADIWA  
 BAC Member

ROLANDO E. PELINOOGON  
 BAC Member

FORFERO D. JR. BENDEL  
 BAC Member

VICTORIA L. LIM  
 Bids and Awards Committee Chairman

Certified Funds Available:

MARK JAMES A. ALJA  
 Budget Officer

ERIC S. VILLANUEVA, CPA  
 College Accountant

Recommending Approval:

ALVIN G. ROSCOS, RN, Ed.D.  
 Vice President for Admin. and Finance

Approved by:

RODRICK B. TIRO  
 Head of the Procuring Entity

Copy of the APP 2025 highlighting the provisions for CFMS.

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