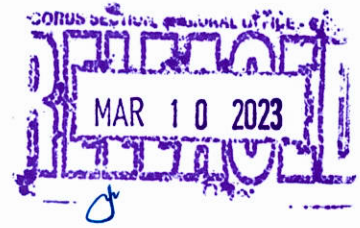




Republic of the Philippines
Department of Education
CARAGA REGION



March 9, 2023

REGIONAL MEMORANDUM
No. 0182, s. 2023

To: SCHOOLS DIVISION SUPERINTENDENTS
This region

ONE-DAY ORIENTATION ON REGIONAL GAWAD KALASAG SPECIAL
AWARDS IN DRRM AND HUMANITARIAN ASSISTANCE
FOR CY 2023

1. Per NDRRMC Memorandum Circular No. 001, s. 2023, all Schools Division Offices are hereby informed that the 23rd Gawad KALASAG Seal and Special Awards for Excellence in DRRM and Humanitarian Assistance has already commenced.
2. Relative to this, all public elementary and secondary schools in the region are invited to attend the **Online Orientation on Regional Gawad KALASAG Special Awards in DRRM and Humanitarian Assistance** for schools category on **March 15, 2023 (9:00am)**, hosted by the Office of the Civil Defense (OCD)-Caraga thru the following ZOOM details:

Username: 819 4213 9580
Password: GK2023
3. For detailed reference, attached herewith are the copies of the NDRRMC MC No. 001, s. 2023, Comprehensive School Safety (CSS) Checklist and the Guidelines for the GK Special Awards.
4. Should there be any related concerns, your staff may contact the Regional DRRM Coordinator, Megnon P. Beldad, thru mobile no. 0910-472-3654.
5. For information dissemination.


MA. GEMMA MERCADO LEDESMA
Regional Director

Encl/s.: as stated
Reference/s: as stated
To be indicated in the Perpetual Index
under the following subjects:

DRRM GAWAD KALASAGA

ESSD/mpb
03/09/2023



Address: J.P. Rosales Avenue, Butuan City
Trunkline No: (085) 225-1151
Telefax No: (085) 342-5969
Email: caraga@depd.gov.ph
Website: <https://caraga.deped.gov.ph/>



2023-03-03099			
Doc. Ref. Code	RO-ASD-F107	Rev	00
Effectivity	02.01.23	Page	1 of 1

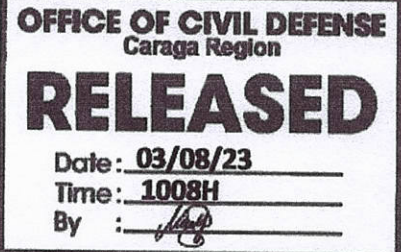


Republic of the Philippines
REGIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL
REGIONAL DISASTER RISK REDUCTION AND MANAGEMENT OPERATIONS CENTER
Caraga Region
Camp Romualdo C. Rubi, Bancasi, Butuan City
Hotline Number: 0947-946-8145
E-mail Address: civildefensecaraga@gmail.com
Facebook Page: Civil Defense Caraga



March 3, 2023

DIR. MA. GEMMA M. LEDESMA
Regional Director
Department of Education
Caraga Regional Office
J. Rosales Street, Butuan City



Dear Director Ledesma,

We are pleased to inform you that the Regional Gawad KALASAG Seal and Special Awards in DRRM and Humanitarian Assistance for CY 2023 has now commenced. This year's Regional Gawad KALASAG Special Awards will assess and recognize other critical institutions such as schools, hospitals and organizations to further strengthen the institutionalization of standards thereby preventing and minimizing disaster risks.

To provide a uniform and better understanding of this annual endeavor, the Caraga Regional DRRM Council (RDRRMC) through its Regional Selection Committee (RSC) for Gawad KALASAG Special Awards will conduct a **One-Day Orientation on Regional Gawad KALASAG Special Awards in DRRM and Humanitarian Assistance on March 15, 2023 (Wednesday) at 9:00 A.M. via video teleconference.**

As a member of the RSC for GK Special Awards, *may we request a representative from your agency to present the prescribed checklist for Schools Category particularly for Public Elementary and High Schools. Furthermore, may we request your office to facilitate the invitation of all public elementary and high schools in the region to participate in the online orientation and in the GK Special Awards for Schools Category.*

The online orientation will utilize the zoom application with the following details:

- Username: **819 4213 9580**
- Password: **GK2023**

We enclose the program of activities and the prescribed checklist for your reference. Furthermore, please be advised that there is no need to use Microsoft PowerPoint since the assessment checklist will be presented in its original/actual form in Microsoft Word.

For queries and concerns, Ms. April Rose Anne Y. Sanchez-Elmedulan, Head of the Policy Development and Planning Section (PDPS) of OCD Caraga Regional Office and Regional Gawad KALASAG Focal Person can be reached at 0927 057 2547.

We look forward to your favorable response to this request.

Thank you for your continued support and warm regards.

Very truly yours,

Digitally signed by
Mazo Liza Rosales
Date: 2023.03.06
17:55:35 +08'00'

LIZA R. MAZO
Regional Director, OCD
Chairperson, RDRRMC

"Safer, Adaptive and Disaster-Resilient Filipino Communities toward Sustainable Development"



**One-Day Orientation of Guidelines for Gawad KALASAG Special Awards
in DRRM and Humanitarian Assistance for CY 2023**

March 15, 2022 (Wednesday), 8:00 A.M. – 5:00 P.M.
Video Teleconference

Specific Objective: To provide relevant information to the participating stakeholders in the region on the implementation of Regional Gawad KALASAG Special Awards in DRRM and Humanitarian Assistance

Time	Particulars	Presenter
8:00 A.M. – 9:00 A.M.	Arrival and Registration	
9:01 – 9:10	Opening Preliminaries • Prayer • Philippine National Anthem • Acknowledgement of Participants	Secretariat
9:11 – 9:15	Opening Message	DIR. LIZA R. MAZO Regional Director, OCD Chairperson, RDRRMC Chairperson, RSC for GK Seal 2023
9:16 – 10:00	Guidelines for Gawad KALASAG Special Awards in DRRM and Humanitarian Assistance	OCD Caraga
Checklist for the Gawad KALASAG Special Awards		
10:01 – 11:00	I. Checklist for GK Special Awards for Private Organizations – Business/Corporate	DTI Caraga
11:00 – 12:00	II. Checklist for Gawad KALASAG Special Awards for Hospitals • National Government Hospitals • Local Government Hospitals • Private Hospitals	DOH CHD Caraga
12:01 – 1:00 P.M.	B R E A K	
1:00 – 2:30	III. Checklist for Gawad KALASAG Special Awards for Schools • Higher Education Institution • Public Elementary Schools • Public High Schools	CHED Caraga Deped Caraga
2:30 – 3:30	IV. Checklist for Gawad KALASAG Special Awards for Civil Society Organization • Volunteer Organizations – Emergency Response • People's Organizations • Local Civil Society Organizations	OCD Caraga SIKAP, Inc. SIKAP, Inc.
3:30 – 4:30	Open Forum	RSC, All Participants
4:31 – 5:00	Synthesis and Closing	

NDRRMC GAWAD KALASAG: COMPREHENSIVE SCHOOL SAFETY CHECKLIST (PILLAR 1, NO.1)

ASSESSMENT TOOL

DEPARTMENT OF EDUCATION

Name of School:		Legislative District:	
School ID:		Province:	
Division:		School District:	
Region:		Date Visited/ Inspected:	
School Address:			

Criteria for Checking		YES	NO	Points	REMARKS/RECOMMENDATIONS
PILLAR 1: SAFE LEARNING FACILITIES (Under no. 1 criteria)					
1.0	School Building Components				
	School building /classroom components is/are according to the DepED and/or National Building Code approved/ standard design and specifications *				
	Academic or Instructional Rooms				
	a. Wall Finish				
	b. Flooring				
	c. Ceiling				
	d. Window/ Ventilations				
	e. Roofing				
	f. Corridor				
	g. 2-Doors per classrooms			7	
	h. Railings/ handrails/ ramps				

	i. Standard room dimensions								
	j. Presence of emergency fire exits and signages								
2.0	Ancillary Facilities								
	Provisions /presence of other instructional rooms and								
	a. School Health Clinic								
	b. Guidance and Counselling								
	c. School Canteen							2	
	d. Home Economics Building/ Room								
	e. Science Laboratory Room/Bldg.								
3.0	Other Facilities								
	a. Sports/ recreational facilities (gym, basketball courts etc.)								
	b. Emergency exit gate/s								
	c. Waiting Shed within the school premises							2	
	d. Complete perimeter fence								
	e. Stage and open grounds								
	f. Covered pathways								
4.0	WASH Facilities								
	Adequate number and functional WASH facilities								
	a. Water source								
	b. Toilets								
	c. Handwashing facilities							3	
	d. Drinking facilities								

		e. WASH for physically impaired							
5.0	Power and Telecommunication Facilities								
	a.	Proper installation of communication facility					1		
	b.	Proper electrical wiring system & connections					1		

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

		Absence of electrical post or other d. hazardous structures or facilities inside the school premises					1		
2.0	Health and Environmental Safety								
	a.	Waste segregation/Regular schedule for trash disposal					1		
	b.	No possible areas /places for mosquitoes breeding, bats and presence of astray animals					1		
	c.	With clear and strict regulations on drugs, cigarettes, alcohol and vandalism in school					1		
	d.	Safety measures during school activities: (sports, laboratory experiments etc.)					1		
	e.	Transportation means during emergency cases					1		
	f.	Implementing health programs/projects					2		
			Sub- TOTAL				15		
			TOTAL				31		

NDRMC GAWAD KALASAG: COMPREHENSIVE SCHOOL SAFETY CRITERIA (PILLAR 1, NO. 1)
DEPARTMENT OF EDUCATION

Criteria for Checking		GUIDANCE FOR POINTS
PILLAR 1: SAFE LEARNING FACILITIES (Under no. 1 criteria)		
1.0 School Building Components		
	<i>School building /classroom components is/are according to the DepED and/or National Building Code approved/ standard design and specifications*</i>	
	<i>Academic or Instructional Rooms</i>	
a.	Wall Finish	Presence of all components (10), following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 7
b.	Flooring	Presence of 8-9 components, following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 6
c.	Ceiling	
d.	Window/ Ventilations	Presence of 6-7 components, following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 5
e.	Roofing	
f.	Corridor	Presence of 4-5 components, following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 4
g.	2-Doors per classrooms	
h.	Railings/ handrails/ ramps	Presence of 3 components, following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 3
i.	Standard room dimensions	

			Presence of 2 components, following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 2
			Presence of 1 component, following the DepEd Minimum Standard Specifications for a-i, and BFP Minimum Standard for j = 1
			Absence of all component = 0
			Note: any item not following the DepEd Minimum Standard Specification for a-l and BFP Minimum Standard for j shall not be considered
	j. Presence of emergency fire exits and signages		
	2.0 Ancillary Facilities		
	Provisions /presence of other instructional rooms and ancillary facilities.		
	a. School Health Clinic		
	b. Guidance and Counselling		
	c. School Canteen		Presence of all facilities = 2
	d. Home Economics Building/ Room		Presence of 3 to 4 facilities = 1
	e. Science Laboratory Room/Bldg.		Presence of 1 or 2 facilities = 0

3.0 Other Facilities		
	a. Sports/ recreational facilities (gym, basketball courts etc.)	Presence of all facilities = 2 Presence of 3 - 5 facilities = 1 Presence of 2 or Absence of all facilities = 0
	b. Emergency exit gate/s	
	c. Waiting Shed within the school premises	
	d. Complete perimeter fence	
	e. Stage and open grounds	
	f. Covered pathwalks inside the school	
4.0 WASH Facilities		

Adequate number and functional WASH facilities		
	a. Water source	Presence of all facilities (5), following the DepEd Minimum Standard Specifications = 3 Presence of 4 facilities, following the DepEd Minimum Standard Specifications = 2 Presence of 3 facilities, following the DepEd Minimum Standard Specifications = 1 Presence of 1-2 facilities, even if it is following the DepEd Minimum Standard Specifications or the absence of all the facilities = 0
	b. Toilets	
	c. Handwashing facilities	
	d. Drinking facilities	
	e. WASH for physically impaired	
5.0 Power and Telecommunication Facilities		
	a. Proper installation of communication facility	LGU/NTC Minimum standard = 1

			Not following the LGU/NTC minimum standard = 0
	b.	Proper electrical wiring system & connections	BFP Minimum Standard = 1
			Not following the BFP Minimum Standard = 0
	Sub-TOTAL		16
Criteria for Checking			GUIDANCE FOR POINTS
III. SAFETY CHECK ON HEALTH & ENVIRONMENT			
1.0 School Safety and Security			
	<i>Presence/visibility of Warning Signs</i>		
	a.	Pedestrian lane markings/humps	Presence = 1 Absence = 0
	b.	Loading/Unloading Signs	Presence = 1 Absence = 0
	c.	Stop and Go Signs in appropriate place	Presence = 1 Absence = 0
	d.	Signs for the physically impaired	Presence = 1 Absence = 0
	<i>Security</i>		
	a.	Presence of Identification Cards for students, parents/guardians and school security	Visibility of Identification Cards of parents/guardians, students and security personnel = 1 Absence of Identification Cards of parents/guardians, students and security personnel = 0

	b.	Proper coordination with Barangay Officials/ nearest Police stations	Proof showing the coordination with Barangay officials and/or nearest Police stations (any of the two mentioned)= 1 No Proof = 0
	c.	Presence of telephone hotlines directory posted in conspicuous places in the school premises	Presence = 1 Absence = 0
	d.	Absence of electrical post or other hazardous structures or facilities inside the school premises	Absence = 1 Presence = 0
	2.0 Health and Environmental Safety		
	a.	Waste segregation/Regular schedule for trash disposal	Absence = 1 Presence = 0
	b.	No possible areas /places for mosquitoes breeding, bats and presence of stray animals	Absence = 1 Presence = 0
	c.	With clear and strict regulations on drugs, cigarettes, alcohol and vandalism in school	Absence = 1 Presence = 0
	d.	Safety measures during school activities: (sports, laboratory experiments etc.)	Presence = 1 Absence = 0
	e.	Transportation means during emergency cases	Presence = 1 Absence = 0

	f. Implementing health programs/projects	More than 4 programs/projects = 2 Less than 4 programs/projects = 1 No programs/project = 0
	Sub-TOTAL	15
	TOTAL POINTS	31

NDRRMC GAWAD KALASAG
COMPREHENSIVE SCHOOL SAFETY

DepED Minimum Performance Standard Specifications

The Detailed Engineering Design for Classroom /Building and Toilets shall be governed by the following Design Codes and Specifications:

- a. Architectural Design:**
 - (1) National Building Code (NBC)
 - (2) Batas Pambansa (BP) P 344 -- Accessibility Law
 - b. Structural Design:**
 - (1) National Structural Code of the Philippines (NSCP), Volume I, 2010
 - (2) American Institute of Steel Construction (AISC)
 - (3) American Concrete Institute (ACI)
 - (4) American Iron and Steel Institute (AISI)
 - (5) American Welding Society (AWS)
 - (6) American Society for Testing and Materials (ASTM)
 - c. Electrical Design:**
 - (1) Philippine Electrical Code (PEC), 2000
 - (2) Fire Code (Philippine National Standards or PNS Appendix G of PEC1 –2000)
 - d. Sanitary and Plumbing Design:** Revised National Plumbing Code
- RA 6716 about Rainwater collection system **Architectural**

Design Standards

- a. Classroom Size**
The size of the classroom for elementary and secondary schools must be 7 meters (m) in width x 9 m in length.

- b. Windows**
 - (1) The total area of window openings must be at least equal to 10 square m to provide for natural ventilation and illumination.
 - (2) The window sill must not be lower than 600 millimeters (mm) and higher than 900 mm from the floor.
 - (3) The window panels, when opened, must not be an obstruction along the corridor.
 - (4) The window must allow the entry of daylight even if it is closed.
 - (5) Window openings must be bilateral fenestration.

Doors

- (1) There shall be two (2) doors for every classroom.
 - (2) The swing-out should be 180 degrees.
 - (3) The doors must be 900 mm in width and 2,100 mm in height.
 - (4) The doors must withstand normal wear and tear and shall be provided with lever-type door locks.
- d. Floor**
- (1) The floor must be of non-skid finish.
 - (2) The finished floor line should be higher than the corridor by 25 mm.
 - (3) The floor elevation must be at the level of the 10-year flood.
 - (4) A ramp must be provided with a slope of 1:12 in compliance with the Accessibility Law (BP 344) and properly labeled.

e. Ceiling

The height of rooms from floor to ceiling must be at least 2,700 mm.

f. Roof

The minimum horizontal clear length of eaves shall be: front = 1.50 m; rear = 1.0 m. **g.**

Partitions

The partitions must be from floor to ceiling.

h. Corridor

The minimum corridor width shall be 1.50 m.

i. Chalkboard

The classroom must be provided with a built-in-chalkboard.

j. Painting

Where applicable, metal, wood, and plastic components must be coated with dirty white enamel paint. Concrete components must be coated with dirty white latex paint. The roof shall be painted green. The paints must maintain their quality based on DepEd's standards for at least five (5) years.

Structural Design Standards

a. The structural design must be in accordance with the revised Implementing Rules and Regulations (IRR) of the National Building Code (NBC) and the latest edition of the National Structural Code of the Philippines (NSCP), Volume 1, 2010. b. Classification of Structure
In accordance with the NSCP, buildings under the Project shall be designed for the classification, based on the nature of occupancy, of "Essential Facilities."

c. Wind Load

For school buildings, the roofing and walls shall be designed to withstand the wind speeds corresponding to the zones specified in the NSCP, as shown in Table 3. A Wind Importance Factor of 1.15 shall be used.

The structure should be fully sealed against rainwater intrusion during typhoons and heavy rains to protect sensitive Doors and windows should be fully sealed against strong vertical and lateral rains.

d. Seismic Load

For school buildings, the structure shall be designed to withstand earthquakes for Seismic Zones with a corresponding Seismic Zone Factors, as specified in the NSCP. A Seismic Importance Factor of 1.50 shall be used. e. Live Loads materials and equipment. The minimum occupancy or live loads shown in Table 4 shall be used in the design.

Table 4. Live Loads

Structure Part	Live Load Classrooms	1.9 kpa Corridors/stairs	4.8 kpa Roof	1.0 kpa Note: kpa = kilopascals f.
----------------	----------------------	--------------------------	--------------	------------------------------------

Design life

The structure shall have a design life of at least 25 years

g. Building Foundation

The foundation shall be designed for an allowable soil bearing pressure of 96 kpa (2,000 pounds per square foot or psf) unless the soil condition would require otherwise. Electrical Design Standards

a. Roughing-ins

(1) Service Entrance

(a) Service entrance conduit shall be made of intermediate metallic conduit (IMC). Underground runs shall be encased in concrete concrete envelope when crossing a roadway, envelope or reinforced. Ends of conduits shall be provided with a sealing compound.

(b) Exposed service entrance conduits shall be painted with epoxy primer in three (3) coats application.

(c) Conduits shall be properly reamed.

(d) The service entrance shall be at least 1.60 m above the natural grade line. (2) Branch circuit conduits, boxes, fittings and supports shall run parallel to walls, columns and beams of the building.

(a) Metal boxes, gutters, supports and fittings shall be painted with epoxy primer in three (3) coats prior to installation.

(b) Polyvinyl Chloride (PVC) solvent shall be applied on all PVC pipe joints/connections

(c) End bells shall be used at the end of PVC pipes and locknut and bushing shall be used for metallic conduit on all boxes and gutters termination.

(d) Branch circuit conduits shall be either metallic or non-metallic as applicable.

(3) Ceiling mounted lighting fixtures

Flexible metallic tubing shall be used as drop pipe from a junction box to a lighting fixture.

(4) In-sight disconnecting means

Water tight type straight or angle connectors shall be used from pumps, condensing units and other equipment that will be in possible contact with water or rain.

(5) Centralized paneling

Breaker and wire gutter shall be used for proper arrangement of main distribution panel (MDP).

(6) Stub-out conduits for spares

15-mm diameter PVC or IMC pipes shall be provided as stub-out conduits at different panel boards as per schedule of loads. Ends of stub-out conduits shall be threaded and capped. b. Wires and Wiring Devices

(1) Wires shall be properly designed in accordance with Article 3.10 and the grounding system shall conform to Article 2.50 of the PEC.

(2) Wiring devices must be of modern type and approved for both location and purpose.

c. Lighting and Fixtures

(1) Each classroom must be provided with a lighting product that can produce 250 lux, e.g., 4 units of 2 40-watt Fluorescent Lamp or 9 units of 20-watt Compact Fluorescent Lamp (CFL) or Light Emitting Diode (LED) lamps.

(2) A duplex convenience outlet (CO) of the grounding type must be provided on each side of the classroom.(3) The corridor must be provided with a lighting product that can produce 5,000 lumens, e.g., 1 unit of 2 40-watt-flourescent lamp or 1 18-watt CFL or LED. **Sanitary and Plumbing Design Standards**

a. Waste and vent line piping system

The drain, waste and vent line piping system must be according to PNS/SAO 374, American Society for Testing and Materials (ASTM) D-2729, ISO 4435 and ISO 3633

b. Waterline piping system

The system must be according to ISO9001:2000 and E DIN1988 for Polypropylene Random Copolymer (PP-R) type 3 pipe and ASTM A120

A53/A53M. The system must provide for a waterline service entrance. c. Plumbing Fixtures These must be according to American National Standards Institute (ANSI)/American Society of

Mechanical Engineers (ASME) WWP-541, A112.19.4m, A112.19.3, IS2, A112.19.5, A112.19m. d.

Drainage system

The storm drainage system must be sized according to the rainfall intensities, slope, and roof areas of the building. Provision shall be made for the installation of rainwater collection system in compliance with RA 6716 "Act ----". e. Septic vault

All concrete septic tanks shall be protected from corrosion by coating with an approved bituminous coat or by other acceptable means.

Toilets

- a. For one-storey Classroom Buildings, the Toilets shall be detached from or attached to the Classroom Building. For two-storey Classroom Buildings, the Toilets shall be integrated into the Classroom Buildings.
 - b. The Toilets shall be properly ventilated and provided with running water through a piped water supply system.
 - c. Toilet units main fixtures shall include: urinal, water closet, counter sink (with 2 faucets shared with girls), and facial mirror.
- For the Girl Toilet, the main fixtures shall include: water closet, lavatory (with 1 faucet), facial mirror, and grab bar.
- Special facilities for differently-abled persons shall be provided. The specific types and numbers of fixtures shall depend on the School Type.

a. Reinforced Concrete

- (1) For structural members, minimum compressive strength of 20.7 megapascals(mpa) (3,000 pounds per square inch or psi).
- (2) For non structural members minimum compressive strength of concrete shall be 17 mpa (2,500 psi).
- (3) Reinforcing bars shall be ASTM 615 with a minimum yield strength, fy, of 275 mpa (40,000 psi) for 16-mm diameter and larger, and 230 mpa (33,000 psi) for 12-mm diameter and smaller. b.

Structural Steel

This shall be ASTM A36 with a minimum yield strength, fy, 248 mpa (36,000 psi). All structural steel works shall be painted with red oxide primer and shall be final coated with aluminum silver paint c. Protection from Heat

The classroom and component materials must provide for an inside room temperature compliant with the standards prescribed by Occupational Safety and Health Center (OSHC) . The component materials, such as roof and ceiling system, walls, and partitions, must have a thermal resistance value (RSI) of at least 2.0. d.

Resistance to Termites

Where applicable, the structure must be resistant to termites for at least five (5) years.

e. Protection from Corrosion

Where applicable, the structure must be protected from corrosion/rust up to at least five (5) years. f.

Fire Protection

Fire protection requirements for the school building shall be as per Fire Code of the Philippines. g.

Noise Level Limit

The Sound Transmission Class (STC) of the structure and its component materials,

including walls, partitions, and second floor slabs, must be in compliance with OHSC. h.

Protection from Toxicity

The materials must not contain or emit any carcinogenic or toxic substance, such as asbestos. i.

Resistance to rainwater penetration The structure shall be free from rainwater leaks.

Design Standards for School Furniture

- a. The set of furniture must harmonize, in terms of functionality and design, with the Classroom Buildings.
- b. For each classroom, the following furniture items shall be included: (1) One set of teacher's table and chair. (2) 45 armchairs for pupils: 43 for right-handed and 2 for left-handed pupils.

- c. Materials may be wood or non-wood, resistant to termites for at least two (2) years, and protected from rust for at least for five (5) years.
They should not contain or emit any carcinogenic or toxic substance. New materials must first be certified by the Bureau of Product Standards of the Department of Trade and Industry.

- d. The armchair must be able to carry a pupil with a weight of 30 kg for Grades I to IV, 40 kg for Grades V and VI, and 50 kg for Secondary level.

The armchair shall have the minimum dimensions shown in Table 5.

Minimum Dimensions of Armchair		
Item	Dimension in mm	
	Grades I-IV	Grades V-Secondary
Seat height		
Seat depth	360	380 400
Seat width	390	390 430
Writing board height	582	623 640
Writing board width	250	355 255
Writing board length	625	625 625
Backrest height	645	710 800

A built-in bookshelf shall be provided under the seat of the armchair.

Other Requirements

- a. The Proponent must provide a certification that the parts and spares for the three components under the Contract Package shall be available to the DepED over a period of at least ten (10) years after the completion of the Works under the Project.
- b. Architectural and engineering design plans must be signed and sealed by licensed Filipino professionals.