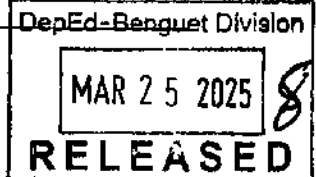




Republic of the Philippines
Department of Education
Schools Division of Benguet



24 March 2025

DIVISION MEMORANDUM

No. 136 s. 2025

**INVITATION FOR SCHOOLS TO PARTICIPATE IN THE CY 2025 GAWAD
KALASAG SPECIAL AWARDS FOR EXCELLENCE IN DRRM AND
HUMANITARIAN ASSISTANCE**

To: Public Schools District Supervisors/Districts-in-charge
Heads, Public Elementary and Secondary Schools
All others concerned

1. The 2025 Gawad KALASAG (Kalamidad at Sakuna Labanan, Sariling Galing ang Kaligtasan) Search for Excellence in Disaster Risk Reduction and Management (DRRM) and Humanitarian Assistance is now accepting entries for the elementary and secondary public-school categories.
2. In line with this, all schools are highly encouraged to join as part of the SDO monitoring and evaluation process in ensuring schools' implementation of DRRM-CCAM programs, contributing to DepEd's goal of safer and learner-friendly school environment. Submission of document to SDO Benguet for review and technical assistance will be on or before April 15, 2025.
3. See attached Checklist for reference. For technical assistance, feel free to contact the SDO DRRM Coordinator via Private Messaging (Nerissa Barbosa official account).
4. For immediate and widest dissemination.

ESTELA P. LEON-CARIÑO, EDD, CESO III
Regional Director and Concurrent Officer-in-charge
Office of the Schools Division Superintendent

/DRRM/SGOD/LBA/nib



Address: Wangal, La Trinidad, Benguet
Telephone Number: (074) 422-6570
Email: benguet@deped.gov.ph
Facebook Page: DepEd Tayo Benguet





REPUBLIC OF THE PHILIPPINES
NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

Camp General Emilio Aguinaldo, Quezon City, Philippines



School Category, Levels, and Classification:	
Public	Elementary (Kinder to Grade 6)
Private	Secondary (Junior, Senior High School or Combination)

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

**NOTE: The documents to be validated shall come from the prior school year and current school year.
 Policy issuances adopted must be issued in the last 2 Calendar years including the current year**

	CRITERIA	Means of Verification	Guidance for Points	Max Points	Score	Comments/Recommendations
	ENABLING ENVIRONMENT			24		
1	Adopted/Adapted/localized at least 3 existing policies relating to Disaster Risk Reduction and Management (DRRM) Climate Change Adaptation and Mitigation (CCAM) and Peacebuilding in education	Screenshot or scanned copy of: a. Approved issuances adopted/localized	1 point per policy adapted/localized. Maximum of 3 points	3		
2	Formed and functional School DRRM Team with the participation of the Supreme Student Government (SSG)/ Supreme Pupil Government (SPG) in the planning process, with school DRRM Coordinator and consisting of personnel from different school stakeholders with defined membership and roles and responsibilities/functions	Screenshot or scanned copy of: a. Approved School Memo creating the organization b. SDRRM Team with approved duties and responsibilities c. Approved SDRRM Organizational Structure posted in a conspicuous place inside the school	Presence of all components in the criteria = 2 Absence of even 1 component in the criteria = 1 No formed School DRRM Team = 0	2		
3	Has a Comprehensive School DRRM Plan. This includes DRRM, CCAM, and Peacebuilding measures covering risk assessment, risk reduction including rehabilitation and recovery	a. Approved Comprehensive School DRRM Plan	Presence of the criteria = 1 Absence of the criteria = 0	1		
4	School budget supports regular DRRM activities	a. Approved School Improvement Plan b. Approved Annual Implementation Plan c. Approved School DRRM Plan	With Approved SIP - 1.0 with approved AIP - 0.5 with Approved School DRRM Plan - 0.5	2		

5	Conducted student-led school watching and hazard mapping (DO 23 s 2015), and involved students in DRRM planning	<ul style="list-style-type: none"> a. Accomplished DepEd checklist of student-led school watching and hazard mapping b. Approved Documentation of findings c. Photo documentation in the conduct of school watching and hazard mapping 	<p>Learners are involved in school watching and hazard mapping = 1</p> <p>Learners are involved in development of the DRRM Planning = 1</p>	2		
6	Incorporated results of student-led school watching and hazard mapping in the School DRRM Plan and Annual Implementation Plan (AIP)	<ul style="list-style-type: none"> a. Approved Annual Implementation Plan b. Approved School DRRM Plan 	<p>Incorporated the result of the student-led school watching and Hazard mapping in the approved AIP = 2</p> <p>Incorporated the result of the student-led school watching and Hazard mapping in the approved School DRRM Plan = 2</p>	4		
7	Copies of the School Report Card (SRC) is presented and distributed to stakeholders	<ul style="list-style-type: none"> a. Approved School Report Card b. Photo documentation (Presentation and distribution of SRC) c. Posted on official school Social media accounts 	<p>With approved SRC only = 1</p> <p>Photo documentation on the presentation and distribution of the SRC = 0.5</p> <p>Posted on Official Social Media Account = 0.5</p>	2		
8	Data collection and consolidation of programs and activities on DRRM, covering the 3 Pillars to monitor	a. Accomplished Monitoring and Evaluation tool for the 3 pillars with baseline	Presence of collected and consolidated data covering the 3 pillars = 2	2		

	results and impact exist (Monitoring and Evaluation Tool)	information and progress reports	Presence of collected but not consolidated data covering the 3 pillars = 1 Absence of collected and consolidated data = 0			
9	Rapid Assessment of Damages Report (RADaR) is submitted to Central Office, within 72 hours after the onslaught of a hazard in the area or a Certificate of no damage/hazard experience signed by the School Division Office	a. RADaR Screenshot b. Mock RADaR text if the school did not experience any major hazards c. Certificate of no damage signed by the Schools Division Superintendent or his/her authorized representative	Submission of RADaR within 72 hours after onslaught of hazard, either through SMS or other means of communication = 3 Submission beyond 72 hours after the onslaught of hazard, either through SMS or other means of communication = 2 Absence of RADaR submission = 0	3		
10	100% completed of DRR-related questions in the Education Management Information System (EMIS) and Enhanced Basic Education Information System (EBEIS)	a. Presence of Education Management Information System Board (School level) b. Accomplished Enhanced Basic Education Information System (DepEd Database)	100% completion DRRM related indicators in the EMIS = 1 100% completion DRRM related questions in the EBEIS = 1 99% and below completion DRRM related indicators in the EMIS = 0 99% and below completion DRRM related questions in the EBEIS = 0	2		

11	The school has established partnerships that could be tapped to support its DRRM programs and activities, including those during and after a disaster	a. Signed and notarized Memorandum of Agreement/ Understanding with partners	Presence of approved (signed and notarized) MOA/MOU for partnerships = 1 Absence of approved MOA/MOU for partnerships = 0	1		
----	---	--	--	---	--	--

	Pillar 1: Safe Learning Facilities	MOV		33		
1	School building/classroom components are in accordance to DepEd and National Building Code approved standard design and specifications (see criteria and checklist for Pillar 1, No. 1, for corresponding points)	a. Engineering report from LGU and/or Schools Division Office b. Certification from the Bureau of Fire Protection that the school building/classroom met the safety requirements	Strict compliance to the DepEd and National Building Code, Standards and Specifications = 31 <i>Refer to SCHOOLS CHECKLIST ANNEX A</i>	31		
2	School DRRM Team conducted risk assessment of school facilities, in coordination with the division engineer and other partner agencies and stakeholders. Appropriate action on the findings are included in the Annual Implementation Plan and School DRRM Plan.	a. Approved Certification/ report regarding the conducted risk assessment of school facilities b. Approved Annual Implementation Plan c. Approved School DRRM Plan	Presence of 3 criteria = 1 Absence of any of the criteria = 0	1		

3	School Heads are clear with the roles and functions of the school in camp management vis-à-vis the LGU and DSWD as per Joint Memorandum Circular No. 2, series of 2021 "Guidelines on Camp Coordination and Camp Management and Internally Displaced Persons and Protection" and RA 10821 "Children's Emergency Relief and Protection Act" and its corresponding IRR, if applicable. <i>If not applicable, the school head is knowledgeable and oriented on JMC No. 1 and RA 10821.</i>	<ul style="list-style-type: none"> a. Presence of approved MOA (signed and notarized), if the school was used as an evacuation center b. approved resolutions/ordinances c. If not used as EC, the school head must present a certificate of training/attendance/documentation report on JMC No. 1 and RA 10821 	<p>Presence signed and notarized MOA/MOU or agreement and/or Resolutions/Ordinances = 1</p> <p>Absence of MOU/MOA and/or Resolutions/Ordinances agreement = 0</p>	1		
---	---	--	---	---	--	--

	Pillar 2: School Disaster Risk Management			30		
1	The school has a hazard-specific Contingency Plan, i.e. Preparedness Plan turned into response actions when a disaster strikes or emergency (at least 3 hazards)	<ul style="list-style-type: none"> a. Approved School Contingency Plan 	1 point per approved contingency plan for disaster and/or emergency. Maximum of 3 points.	3		
2	100% of learners and their families have accomplished the Family Preparedness Plan as per DO No. 27, series of 2015	<ul style="list-style-type: none"> a. Accomplished Family Preparedness Plan b. Accomplished School Form 1 (School Register) 	<p>100% of learners accomplished as per criteria = 3</p> <p>80% to 99% of learners accomplished as per criteria = 2</p> <p>50% to 79% of learners accomplished as per criteria = 1</p>	3		

			Below 50% of learners accomplished as per criteria = 0			
3	School has a learners family reunification plan that is clearly disseminated to students, teachers, and parents	a. Accomplished Reunification Plan b. Approved Narrative Report	Presence of learners family reunification plan = 1 Presence of Narrative Report = 1	2		
4	The school has established a school personnel and learners tracking system/protocol in the event of a disaster and/or emergency	a. School personnel tracking system b. Learners tracking system	Presence of established tracking system for school personnel = 1 Presence of established tracking system learners = 1	2		
5	Hazard and evacuation maps are located in conspicuous places inside the school campus	a. School Hazard map b. School Evacuation map	Presence of hazard map inside the school = 0.5 Presence of evacuation map inside the school = 0.5	1		
6	The school has available, accessible, and adequate first aid kits in every instructional and non-instructional rooms	a. Presence of First Aid kit <i>Basic Content: alcohol, cotton, scissor, medicine for emergencies, bandages, ammonia, gauze/band-aid, plasters, thermometer, triangular bandage, first-aid book, gloves</i>	Presence and accessibility with adequate first aid kit in every instructional classroom = 1 Absence and inaccessibility with inadequate first aid kit even in one instructional classroom = 0	1		

7	School has at least 3 essential and functional pieces of equipment in case of a disaster and/or emergency	a. Presence of functional: - fire extinguisher - Fire alarm -Spine Board -Pry bar -Shovel -C-colar -Splint board -Bandage - others	Presence of at least 3 of the essential and functioning equipment as per criteria = 1 Absence and/or defective of majority of the essential equipment = 0	1		
8	School conducted hazard-specific drills (at least 3 hazards present in the school based on the result of the School watching and hazard mapping conducted) with the participation of different stakeholders (BFP, Medic, LGUs, NGOs, community, PTA, alumni, and others)	a. Post-Activity Reports with photos b. Comments/Feedback from the different stakeholders participate	1 point per hazard specific drill. Maximum of 3 points. drill conducted = 0	3		
9	School has established functional early warning system to inform students and personnel of hazards and emergencies (protocol, warning signs, devices, IEC), considering national and LGU warning systems and protocols (to at least 3 hazards)	a. Functional Early Warning System - Fire alarm - handheld/based radio - Siren/bell - localized Emergency Warning System -Megaphone	1 point per equipment. Maximum of 2 points	2		
10	School has a ready go-bag or equivalent in every classroom with proper label on its content	a. Presence of Go-bag or its equivalent in every classroom with the	Presence of go-bag or its equivalent in each instructional classroom = 1	1		

		minimum required number of specific content	Absence of go-bag or its equivalent even in one classroom = 0			
11	The school has a pre-identified space for putting up Temporary Learning Spaces (TLS) in the aftermath of a disaster and/or emergency	<p>a. If within the school's vicinity: This shall be part of the contingency plan containing the identified open space</p> <p>b. If outside the school: Approved (signed and notarized) MOA with the LGU</p>	<p>Presence of approved MOU/MOA and/or enough space for putting up TLS = 1</p> <p>Absence of approved MOU/MOA and/or not enough space for putting up TLS = 0</p>	1		
12	The school has ready resumption strategies and alternative delivery modes (ADMs) to ensure education continuity (strategies, materials, focal persons to implement)	<p>a. Availability of learning modules</p> <p>b. Approved Learning Continuity Plan</p>	<p>Presence of learning modules = 1</p> <p>Presence of approved Learning Continuity Plan = 1</p>	2		
13	The school a has psychosocial interventions for personnel and learners. If not applicable, certification of no hazard/disaster experience to enable psychosocial interventions.	<p>a. Training Certificate of school personnel and learners from authorized partners</p>	<p>Presence of approved school psychological intervention = 1</p> <p>Absence of approved school psychological intervention = 0</p>	1		

14	School has trained teaching and non-teaching personnel who could provide psychosocial support to learners	<ul style="list-style-type: none"> a. Training Certificate of teachers and learners b. Photo documentation c. Narrative report d. Certification issued any of the following <ul style="list-style-type: none"> - DOH - Red Cross - DSWD - BJMP 	<p>Presence of proof for teachers and other personnel such as Certificate of participation and/or photo documentation = 1</p> <p>Absence of proof for teachers and other personnel such as Certificate of participation and/or photo documentation = 0</p>	1		
15	School has an evacuation plan / route and procedures (to at least 3 hazards)	<ul style="list-style-type: none"> a. Approved Contingency Plan b. Approved School DRRM Plan c. Approved Evacuation Map with route including the date prepared/updated d. Approved Evacuation protocol 	<p>Presence of approve CP = 0.5</p> <p>Presence of approved School DRRM Plan = 0.5</p> <p>Presence of Evacuation Plan = 0.5</p> <p>Presence of approved Evacuation protocol = 0.5</p>	2		
16	School has conducted awareness and capacity building for families (included during the Parents & Teachers Association Assembly) and learners	<ul style="list-style-type: none"> a. Photo Documentation b. Approved Narrative Report 	<p>Presence of all = 2</p> <p>Absence of any = 0</p>	2		

		c. Attendance sheet				
17	School participated in the different DRRM, CCAM and Peacebuilding activities of the LGU	a. Certificate of Participation	Presence of Certificate of participation = 1 Absence of Certificate = 0	1		
18	School has designated DRRM focal to represent in Local Disaster Risk Reduction and Management Committee LDRRMC in their respective LGUs	a. Appointment order signed by the school head	Presence of approved Office Order or any equivalent document = 1 Absence of proof = 0	1		

	Pillar 3: DRRM in Education			13		
1	School has integrated key DRRM, CCAM and Peacebuilding concepts in at least 4 subject areas in all grade levels based on the Basic Education Curriculum Guide	a. Lesson Plan b. Daily Lesson Log c. Activity Worksheets	Integrated in 4 or more subjects = 5 Integrated in 3 subject areas = 4 Integrated in 2 subject areas = 3 Integrated in 1 subject area = 2 Absence of integration = 0	5		
2	100% of students are actively participating in various DRRM, CCAM and Peacebuilding activities	a. Approved attendance sheet vs the number of enrollees	100% of students are actively participating in various DRRM, CCAM and Peacebuilding activities = 1 1 of the students are inactively participating in various DRRM, CCAM and Peacebuilding activities = 0	1		

3	School has a DRRM, CCAM and Peacebuilding activities for school personnel	<ul style="list-style-type: none"> a. Project proposal b. Work plan c. Gantt Chart 	<p>Presence of all the criteria = 1</p> <p>Absence of any of the criteria proposal = 0</p>	1		
4	School Head, teaching and non-teaching personnel have received at least 3 DRRM, CCAM and Peacebuilding trainings from the Department of Education and other partners	<ul style="list-style-type: none"> a. Photo Documentation b. Approved Activity Report c. Certificate of Attendance and/or Participation 	<p>Presence of Photo documentation = 1</p> <p>Presence of Approved Activity Report = 1</p> <p>Presence of certificate of attendance = 1</p>	3		
5	Availability of learning materials each of the DRRM, CCAM and Peacebuilding in the school library	<ul style="list-style-type: none"> a. Modules b. Worksheet c. Books d. Booklets e. Flyers f. Posters g. Brochures 	<p>Presence DRRM, CCAM and Peacebuilding resource materials = 1</p> <p>Less than 10 or absence DRRM, CCAM and Peacebuilding resource materials = 0</p>	1		
6	Presence of a DRRM corner in every classroom, with updated IEC materials	<ul style="list-style-type: none"> a. Classroom DRRM Information Board that contains the following: <ul style="list-style-type: none"> - Name of teacher, ID Number and Contact Information - Name of Learner, LR Number and parents/guardian contact number - Emergency hotlines 	<p>Presence of DRRM corner in every instructional classroom, with updated IEC materials = 2</p> <p>Absence of DRRM corner in every instructional classroom = 0</p>	2		

		b. Information, Education and Communication learning materials			
		c. First Aid kit			
		d. Go Bag			
TOTAL			100		

Summary Sheet

Criteria for Checking	Max. Score	Actual Score	Remarks, Recommendations and Suggestions
I. ENABLING ENVIRONMENT	24		
II. PILLAR 1: SAFE LEARNING FACILITIES	33		
III. PILLAR 2: SCHOOL DISASTER RISK MANAGEMENT	30		
IV. PILLAR 3: DRR IN EDUCATION	13		
TOTAL	100		

Adjectival Rating	Percentage
Excellent	91-100%
Very Good	81-90%
Good	71-80%
Needs Improvement	61-70%

Validated by:

Name:
Position:
Agency:
Date:

**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				
	<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. Smooth Wall Finish			0.8	Photo documentation
	b. Smooth Flooring			0.8	Photo documentation

	c. Smooth and fixed Ceiling				1.0	Photo documentation
	d. Adequate Window/ Ventilations				1.2	Photo documentation
	e. Fixed and No leak Roofing				1.2	Photo documentation
	f. Unblocked Corridors				1.0	Photo documentation
	g. 2-Doors Swing-out per classroom				1.2	Photo documentation
	h. Railings/ handrails/ ramps in good condition				0.8	Photo documentation
	i. Standard room dimensions per class				1.2	Photo documentation
	j. Presence of emergency fire exits and signages				0.8	Photo documentation

2.0	Ancillary Facilities					
	Provisions /designated space for other instructional rooms (in good condition)					
	a. School Health Clinic			2	0.6	Photo documentation
	b. Guidance and Counseling				0.6	Photo documentation
	c. School Canteen				0.6	photo documentation
	d. Home Economics Building/ Room				0.6	Photo documentation
	e. Science Laboratory Room/Bldg.				0.6	Photo documentation
3.0	Other Facilities					
	a. Sports/ recreational facilities (gym, basketball courts etc.)			2	0.2	Photo documentation
	b. Emergency exit gate/s				1.0	Photo documentation
	c. Waiting Shed within the school premises				0.3	Photo documentation

	d.	Complete perimeter fence				0.3	Photo documentation
	e.	open ground				1.0	Photo documentation
	f.	Covered pathwalks				0.2	Photo documentation
4.0	WASH Facilities						
	<i>Adequate number and functional WASH facilities</i>						
	a.	Water source				1.0	Photo documentation
	b.	Toilets				1.0	Photo documentation
	c.	Handwashing facilities			3	0.4	Photo documentation
	d.	Drinking facilities				0.4	Photo documentation
	e.	WASH for physically impaired				0.2	Photo documentation
5.0	Power and Telecommunication Facilities/Equipment						
	a.	Presence of any communication facility/equipment (e.g: telephone, internet connection, etc.)				0.5	photo documentation
	b.	Proper electrical wiring system & connections			2	0.5	MOV: Photo documentation, Fire safety inspection certificate
			SUB-TOTAL		16	20	

Criteria for Checking		YES	NO	Points	REMARKS/RECOMMENDATIONS
II. SAFETY CHECK ON HEALTH & ENVIRONMENT					
1.0	School Safety and Security				
	<i>Presence/visibility of Warning Signs</i>				

	a.	Pedestrian lane markings/humps			1	0.2	MOV: Photo documentation
	b.	Loading/Unloading Signs			1	0.2	MOV: Photo documentation
	c.	Stop and Go Signs			1	0.2	MOV: Photo documentation
	d.	Signs for the physically impaired			1	0.2	MOV: Photo documentation
	<i>Security</i>						
	a.	Presence of Identification Cards for students, parents/guardians and school security			1	1.0	MOV: Photo documentation
	b.	Proper coordination with Baranggay Officials/ nearest Police stations			1	0.5	MOV: Proof of Meeting (Photos, minutes of meeting, attendance sheets)
	c.	Presence of telephone hotlines (Directory) in a conspicuous place in the school premises			1	0.5	MOV: Photo documentation
	2.0 Health and Environmental Safety						
	a.	Waste segregation/Regular schedule for trash disposal			1	1.0	MOV: Photo documentation
	b.	Presence of Material Recovery Facility			1	1.0	MOV: Photo documentation
	c.	No possible areas /places for mosquitoes breeding, bats and presence of stray animals			1	1.0	MOV: Result of Student-led Hazard Mapping
	d.	With clear and strict regulations on drugs, cigarettes, alcohol and vandalism in school			1	1.0	MOV: Posters, Student Manual

	e	Absence of electrical post or other hazardous structures or facilities inside the school premises				0.2	MOV: Result of Student-led Hazard Mapping
	f	Safety measures during school activities: (sports, laboratory experiments etc.)			1	1.0	MOV: Safety Manuals/SOP
	g	Transportation means during emergency cases			1	1.0	MOV: MOU, vehicle of school
	h	Implementation of health programs/projects			2	2.0	MOV: Annual Implementation Plan 0.5 point per project/program. Maximum of 2 points
SUB-TOTAL					15	11	
TOTAL					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

.c. 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 the 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, f_y , 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, f_y , 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				
em		Dimension in mm		
		Grades I-IV	Grades V-VI	Secondary
Seat height	ht			
Seat dept	h	360	380	400
Seat width	h	390	390	430
Writing b	board heigh	582	623	640
Writing b	board width	250	355	255
Writing b	board length	h 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.