

Environment and Social Screening Report

November: 2018

Subproject -Construction of 4 Room Single Story Building with separate Toilet Block at Govt. Middle school, Gund-i-Kellem (Kulgam) Jammu and Kashmir, India

(Jhelum & Tawi Flood Recovery Project)

Prepared by PW (R&B) Department Kashmir: Government of Jammu & Kashmir, for the World Bank

EXECUTIVE SUMMARY

The devastating floods of September 2014 show negative impact on socio-economic aspects of the state and massive infrastructure damaged in Kashmir division. In response, a mission of the World Bank visited the state during February 1-6, 2015 in order to produce a rapid multi-sectoral assessment report of the damages and needs. The RDNA estimates the total damages and loss caused by floods at about INR 211,975 million (US\$ 3,550.45), most of it to housing, livelihoods, and roads and bridges, which combined represented more than 70% of the damages in terms of value. Public service infrastructure and equipment of hospitals and education centers were also severely damaged and are still not fully operational.

Based on the RDNA results and discussions with the GOJ&K, the “Jhelum and Tawi Flood Disaster Recovery Project (JTFRP)” will focus on restoring critical infrastructure using international best practice on resilient infrastructure. One of the sectors badly hit during the floods was education (school/college), the restorations of which have been included in the Component-1 of the World Bank investment. Under JTFRP component-1, to “Construction 4 Roomed Single Story Building with separate Toilet Block for Boys and Girls at Govt. Middle school Gund-i- Kellem, (Kulgam) is proposed.

The whole school was inundated up to 06 feet from the plinth height. Much of the existing infrastructure was washed by the roaring stream leaving some portion behind unsafe for use. **Currently the school is accommodated in Upper primary school, Gund.** A proposal in this regard for the said subproject was finalized and included in Jhelum and Tawi Flood Recovery Project (JTFRP).

Subprojects under “Jhelum and Tawi Flood Recovery Project” have a prior requirement of screening which is based on three categories; viz., nature of the project, size of the project and location of the project that is sensitive area criteria. The objective of Environment and social screening is to identify the potentially significant environmental/ social issues of the sub-project at an early stage for detailed Environmental and Social impacts. Public consultations were undertaken during the site visits in the sub- project areas on 01-10-2018. Primary Stakeholders of the school (teachers, students and people from community) were informed about the proposed sub-project and their views

were obtained. The school building is proposed inside the existing school upon land under government ownership. The school possesses a total of 1212.95 sqm land and out of this only 361 sqm of land is required for the proposed sub-project.

The screening study revealed that there are no significant likely social and environmental impacts of the proposed sub-project. The sub-project does not involve any kind of land acquisition or involuntary resettlement. Therefore, no further study needs to be undertaken.

1.0. INTRODUCTION

1.1 Project background

In September 2014, J&K experienced torrential monsoon rains in the region causing major flooding and landslides. The continuous spell of rains from September 2-6, 2014, caused Jhelum and Chenab Rivers as well as many other streams/tributaries to flow above the danger mark. The Jhelum River also breached its banks flooding many low-lying areas in Kashmir, including the capital. In many districts, the rainfall exceeded the normal by over 600%. Due to the unprecedented heavy rainfall the catchment areas particularly the low lying areas were flooded for more than two weeks. Some areas in Kashmir and in urban Srinagar and Anantnag stayed flooded for 28 days. Water levels were as high as 27 feet in many parts of Srinagar.

Based on the **Rapid Damage Needs Assessment (RDNA)** results, restoration works underway, and discussions with the GoJ&K, the project will focus on restoring critical infrastructure using international best practice on resilient infrastructure. Given the state's vulnerability to both floods and earthquakes, the infrastructure will be designed with upgraded resilient features, and will include contingency planning for future disaster events. Therefore, the project aims at both restoring essential services disrupted by the floods and improving the design standard and practices in the state to increase resilience.

1.2 Project Development Objective

The Project Development Objective (PDO) is to support the recovery and increase disaster resilience in targeted areas of the state, and increase the capacity of the State entities to respond promptly and effectively to an eligible crisis or emergency.

The project is comprised of the following seven components:

- I. Reconstruction and strengthening of critical infrastructure (US\$60 million)
- II. Reconstruction of roads and bridges (US\$80 million)
- III. Restoration of urban flood management infrastructure (US\$50 million)
- IV. Strengthening and restoration of livelihoods (US\$15 million)
- V. Strengthening disaster risk management capacity (US\$25 million)

- VI. Contingent Emergency Response (US\$0 million)
- VII. Implementation Support (US\$20 million)

1.3 Subproject Background

The objective of this component of the “Jhelum and Tawi Flood Recovery Project” is to support the reconstruction/restoration of damaged public buildings, such as schools, higher education buildings, hospitals, fire stations, and selected block and district offices, and other important public buildings. It will include the restoration of partially damaged structures and the reconstruction of fully damaged structures, including equipment and furniture. The component will finance infrastructure and equipment damaged by the disaster, and improvements to current structures to increase resilience. Assessments will be carried out to determine the extent of structural integrity and retrofitting/reconstruction needs. For colleges/schools, the reconstruction will be focused on replacement of damaged buildings. The component will also finance the repair and reconstruction of damaged hospitals, higher education, fire station, and other public buildings, including the procurement of equipment/furniture, etc.

1.4. Sub-project description

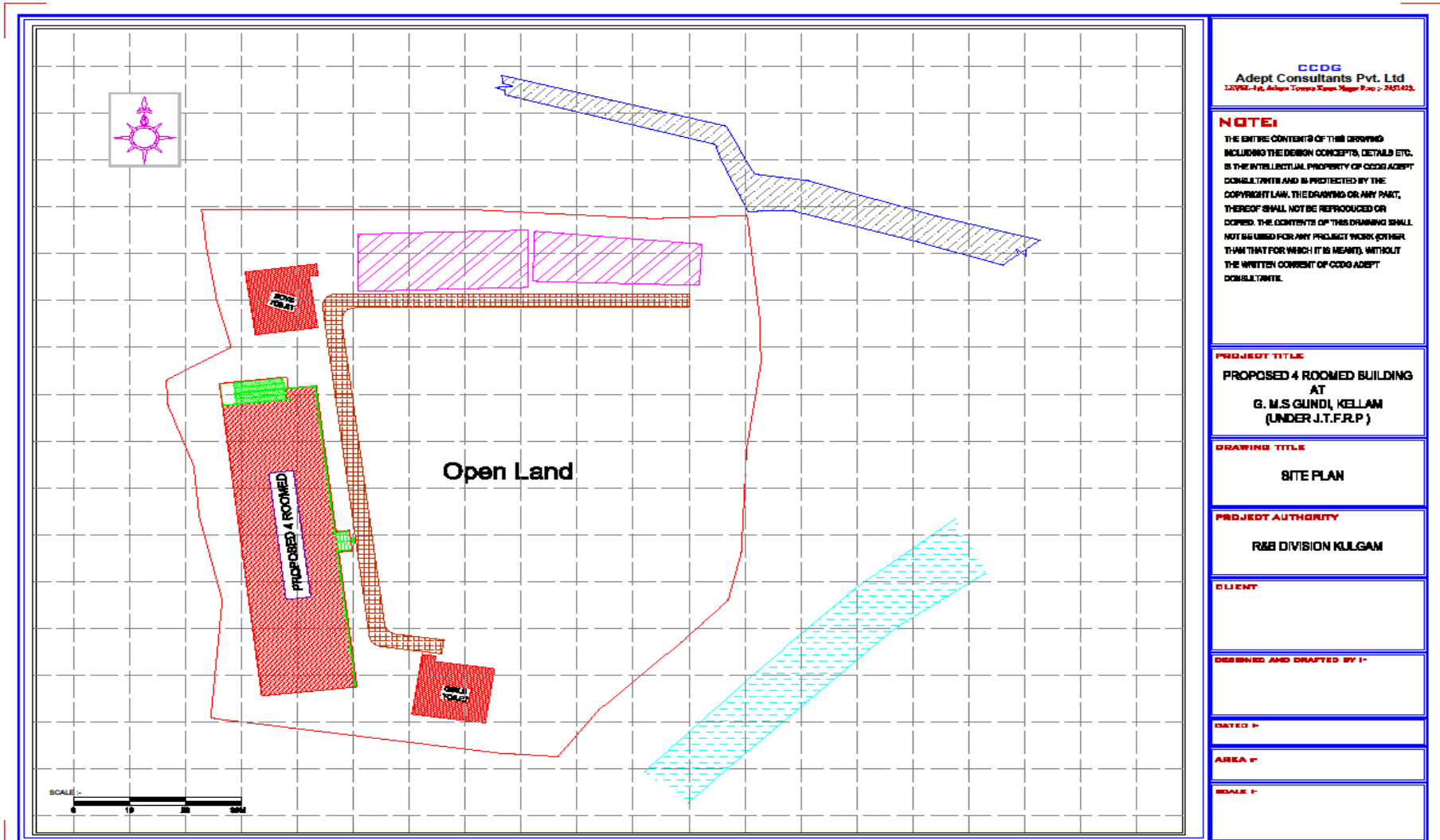
The sub-project is located between coordinates of 33°38'24"N and 75°01'12"E. It is located in rural area of Kulgam, Block-Kellem about 10 km from Kulgam town, 70 KM from State capital Srinagar. Currently the school enrolls more 50 students of both genders for the current academic session-2018.

The proposed sub project “Construction Of 04 roomed class room block with separate toilet facility for boys and girls at Govt. middle school, Gund kellem,Kulgam is funded by World Bank. The Project Implementation Unit (PIU) for this sub-project will be Public Works (R&B) Department, (Kashmir) Govt. of Jammu & Kashmir.

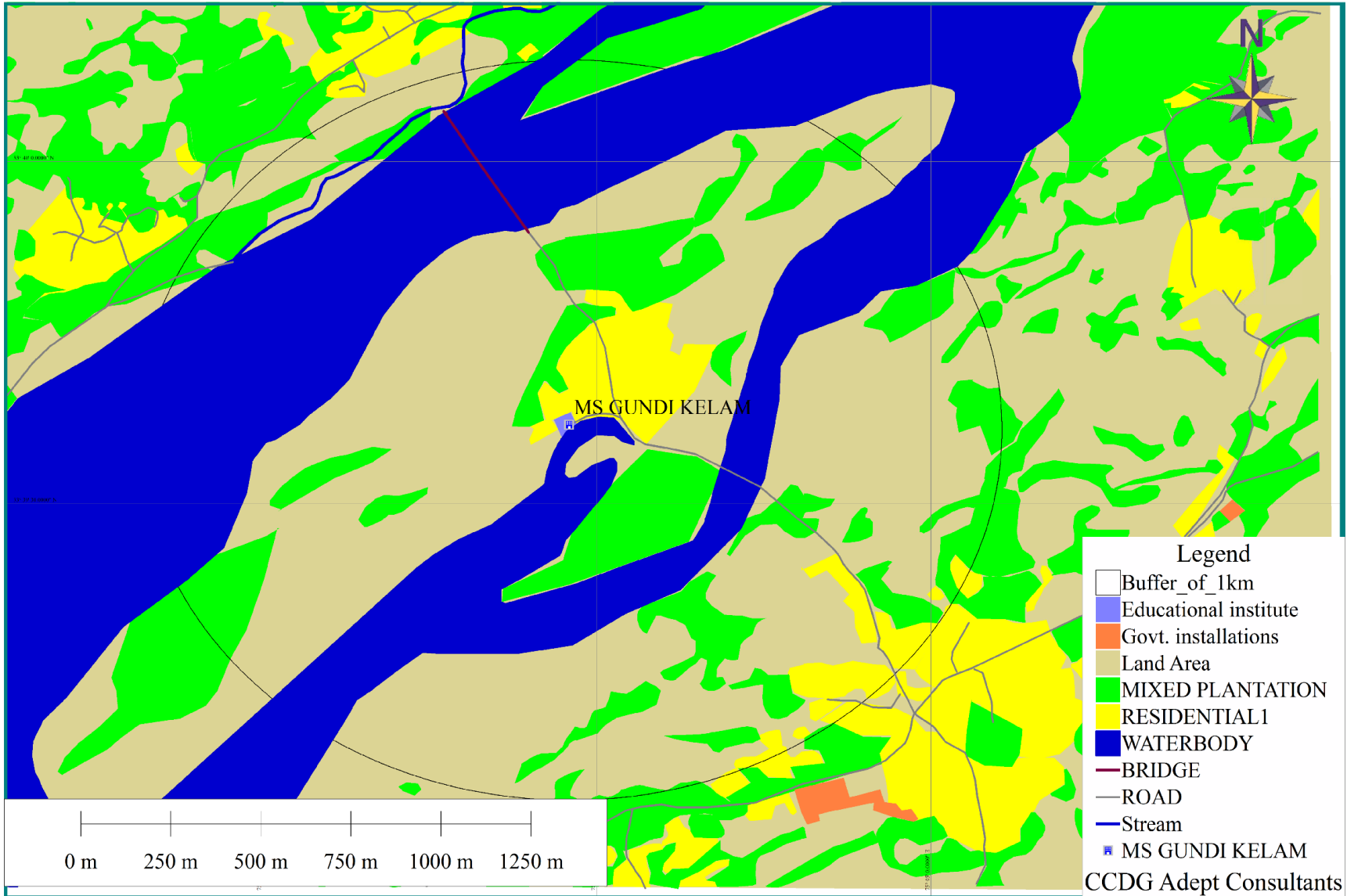
The classroom block will accommodate 04 classrooms. Besides separate washrooms blocks will be constructed for student’s convenience with multiple cubicles. The execution of this sub-project will result in effective academic activities. The design of these blocks has taken into consideration the seismicity of the region and other factors. Planning principles and design considerations have also been reviewed and incorporated into the site planning process whenever possible.

The building shall rest on RCC Raft / Pile foundation with plinth beams as per design. RCC Frame structure has been proposed with non load bearing panels of bricks/ hollow block(110 mm brick work and 200 mm hollow block) masonry in cement for the building. RCC slab shall be laid over and shall be provided with steel roof truss with colour coated CGI sheets in accordance with structural design. Wooden frames of designed section shall be provided for doors, /Windows and glazed/panelled shutters wood or equivalent shall be provided in accordance with the approved architectural design. The wood work shall be painted / polished with paint of approved quality. The floor shall be of Kota/Terrazzo/ Vitrified Tiles/ Granite as per the norms freezed in CPWD cost index. All other areas including ceiling shall be cement plastered and finished with POP and emulsion paint of approved shade. The toilets shall be provided with concealed sanitary and plumbing pipes/fittings with the requisite fixtures, chinaware etc. in accordance with the approved specifications

Lay out plan



Environmental Screening Of MS GUNDI KELAM



1.4 Objective of the Environmental and Social Screening

Subprojects under “Jhelum and Tawi Flood Recovery Project” commonly known as JTFRP have a prior requirement of screening which is based on three categories; viz., nature of the project, size of the project and location of the project that is sensitive area criteria. Based on this assessment, sub-projects with potentially significant environmental/ social issues are identified at an early stage for detailed Environmental/ Social impacts. Evaluate all the available information on environmental and social aspects as provided in the ESDS and assess, based on the level of expected environmental and social impacts including any field visits, whether the proposed subproject is classified in different categories as per World Bank guidelines.

1.5. Methodology of Environment and Social Screening Study

The environment and social screening for the subproject has been carried out at the site by making use of a Environment and Social Screening Checklist (**Appendix–A**) that contains the relevant questions for identification of anticipated environment and social impacts due to execution of the subproject.

2.0. Environment and Social Issues

2.1 Environment Issues

The project is not anticipated to have adverse significant or irreversible negative environmental impacts neither at the construction, nor at operation phase. Impacts of the construction phase will be typical for all medium scale construction activities, short-term/ temporary and limited to the project site. The sub-project shall be executed by demolition of the remains of existing structure declared unsafe. No Impacts small, medium or large scale shall be encountered during the operation phase as the same comprises of academic activity only. There are no sensitive areas like specially protected areas or threatened or endangered endemic species in the project area.

2.2. Social Issues

2.2.1. Issue of Land Acquisition

The proposed sub-project does not involve any land acquisition. The revenue record revealed that the proposed construction will be done on the 2 Kanal¹ and 8 Marlas² of land (Appendix B). The school building will come up on the same place where previous building was damaged in the 2014 floods.

A total of 1212.9 sq.m of land is available and encumbrance free. The land as per revenue record is government land under different khasra numbers viz., 673/671/672-1. Out of this only 361 sq.m is required for the proposed sub-project. Rest of the land is available for different recreational purposes for the school.

2.2.3. Issue of Livelihood

None will suffer income loss. Rather, the sub-project will provide working opportunities during the construction period for the skilled and unskilled persons. The construction is proposed on the same site where previous school was damaged during floods 2014.

Therefore based on the findings during survey, there are no adverse significant environmental as well as social impacts in sub-project area, hence no further special study or detailed environmental impact assessment (EIA)/ Social impact assessment (SIA) needs to be undertaken.

3. Public Consultation

In compliance with the ESMF, public consultations were undertaken during the site visits in the sub- project areas on **01-10-2018**. Stakeholders (teachers, students and community people who are directly or indirectly involved with the sub-project) were informed about the proposed activities and their views were obtained (**Appendix-D**.)

Issues discussed

- Need of the subproject.
- Current facilities.

¹ 01 Kanal is equivalent to 5440 sft

² 01 Marlas is 272 sft

- Project and its source of assistance i.e. World Bank. Its implementation /execution etc.
- Proposed proposal for sub project
- Inconveniences during construction phase with academic activities.
- Study of Environment and Social Screening requirements and benefits and Concept of ESMP.
- Land ownership and objections if any from the community if the proposed subproject is undertaken.
- Adverse environment impacts and mitigation measures during construction phase.
- Environmental and Social Policy of World Bank.
- Protection and conservation aspects of environmental attributes
- Grievance Redressal Mechanism for the subproject.

3.2 Outcome and suggestions received from the Public Consultation

The following suggestions were received:

- Proper barricading of construction site during construction phase so that any untoward incident can be avoided in the school premises.
- That mitigation measures should be effective during construction phase.
- That those activities which cause major disturbances should be executed before and after school timing so that academic activity should not be affected.

4. Environmental and Social Management Plan

Environmental and social Management Plan (ESMP) will provide specific actions deemed necessary to assist in mitigating the environmental impacts, addressing grievances of people arising out of the subproject related activities and labour

management beside other requirements. ESMP will guide the environmentally-sound execution of the subproject, and ensure efficient lines of communication between the implementing agency, project management unit, and contractors. The ESMPs will form part of the bid document and to be reviewed during implementation. The ESMP will be included in the contractual clauses and will be made binding on the contracting firm.

PW (R&B) department as PIU/ implementing agency ensured that the requisite environmental mitigation measures shall be incorporated in ESMP and public consultation shall be a regular process during all stages of the sub -project to solve any issue arising out of the proposed works.

Environment and Social Screening

Part A: General Information

Name of the sub-project	Construction of 4 roomed single story building with separate toilet block for at Girls Middle school, Gund-i-Kellem	
2. Type of proposed activity (tick the applicable option and provide details)		
▪ Road	X	
▪ Bridge	X	
▪ Fire Station	X	-
▪ Hospital/Health Facility	X	
▪ Educational Institute	✓	Govt. Middle school Gund –i- Kellem
▪ Building for Livelihoods	X	
▪ Flood Infrastructure Related	X	
▪ Other Public Building	X	
▪ Any Other (Please Specify)	X	
3. Location of the proposed sub-project		
▪ Name of the Region	Kashmir	
▪ Name of the District	Kulgam	
▪ Name of the Block	Gund-i- Kellem	
▪ Name of the Settlement	Village	
▪ Latitude	33°38'24"N	
▪ Longitude	75°01'12"E	
4a. Proposed Nature of Work (tick the applicable options)		

▪ Minor Repairs	X
▪ Major Repairs/Rehabilitation	X
▪ Upgrading/Major Improvement	X
▪ Expansion of the facility	X
▪ New Construction	✓
▪ Any Other	X
4b. Size of the sub-project (approx. area in sq. mt/hac or length in mt/km, as relevant)	325sq.m class room block 36sq.m toilet block
5. Land Requirement (in hac./sq.mt.)	
▪ Total Requirement	361 sq.m
✓ Private Land	Not required
▪ Govt. Land	Existing School Premises
▪ Forest Land	Not required
6. Implementing Agency Details (sub-project level)	
▪ Name of the Department/Agency	▪ PW(R&B) Deptt.Kashmir
▪ Name of the contact person	▪ Mr. Abdul Qayoom Kirmani
▪ Designation	▪ Superintending Engineer
▪ Contact Number	▪ 9419951666
▪ E-mail Id	▪ sernbcrp@gmail.com
7. Screening Exercise Details	
▪ Date on which it was carried out	01-10-2018
▪ Name of the Person	Mr.Kaiser Rafiq
▪ Contact Number	8713927709 / 7006382221
▪ E-mail Id	rafiq.kaiser@yahoo.com

Part B (1): Environment Screening

Question	Yes	No	Details
1. Is the sub-project located in whole or part within 1 km of the following environmentally sensitive areas?			
a. Biosphere Reserve		No	
b. National Park		No	
c. Wildlife/Bird Sanctuary		No	
d. Wildlife/Bird Reserve		No	
e. Important Bird Areas (IBAs)		No	
f. Habitat of migratory birds (outside protected areas)		No	.
g. Breeding/Foraging/Migratory route of Wild Animals (outside protected areas)		No	
h. Area with threatened/rare/ endangered fauna (outside protected areas)		No	
i. Area with threatened/rare/ endangered flora (outside protected areas)		No	
j. Reserved/Protected Forest		No	
k. Other category of Forest		No	
l. Wetland		No	.
m. Natural Lakes		No	

n. Rivers/Streams	Yes		Dum Laadi stream a distributary of Vaishav stream flows 100 meters away from the school
o. Swamps/Mudflats		No	
p. Zoological Park		No	
q. Botanical Garden		No	
4. Is the sub-project located in whole or part within 500 mts. of any of the following sensitive features?			
a. World Heritage Sites		No	
b. Archaeological monuments/sites (under ASI's central/state list)		No	
c. Historic Places/Monuments/Buildings/Other Assets (not listed under ASI list but considered locally important or carry a sentimental value)		NO	
d. Religious Places (regionally or locally important)		No	
e. Reservoirs/Dams		No	
f. Canals		No	
g. Public Water Supply Areas from Rivers/Surface Water Bodies/Ground Water Sources		No	
4. What is the High Flood Level in the sub-project area?	34.70 Guage in feets,115218 cusec discharge at Sangam. HFL 09 feet from ground level within school premises		
5. Is any scheduled/protected tree like Chinar, Mulberry or Deodar likely to be affected/cut due to the project?		No	

6. Is the sub-project located in a landslide/heavy erosion prone area or affected by such a problem?		No	
7. Is sub-project located in an area that faces water paucity or water quality issues?		No	

Part B (2) : Result/Outcome of Environmental Screening Exercise		
1.	Environment Impact Assessment	No
2.	Environment Clearance Required	No
3.	Forest land Clearance/Diversion	No
4.	Tree Cutting Permission Required	No
5.	ASI (Centre/State) Permission Required	No
6.	Permission from ULB/Local Body/Department Required	Yes Permission for building construction will be required from Town Area Committee
7.	Any other clearance/permission required	Yes Various Statutory clearances and NOC's / PUC's for establishment or operation of stone crushers, generators, vehicles etc shall be required to be obtained by the Contractor from the concerned authorities. Construction material will be procured only from permitted sites and licensed /authorized quarries/ borrow sites.

Part C (1): Social Screening

1. Does the sub-project activity require acquisition of land?			
Yes		No	✓
Give the following details:	Private Land (sq mts/hac.)		No
	Govt. Land (sq mts/hac.)		No
	Forest Land (sq mts/hac.)		No
2. Does the proposed sub-project activity result in demolition/removal of existing structures?			
Yes	✓	No	
If so, give the following details:			
▪ Number of public structures/buildings		remains of 01 unsafe building	
▪ Number of common property resources (such as religious/cultural/ drinking water/wells/etc.)		-	
▪ Number of private structures (located on private or public land)		-	
3. Does the proposed project activity result in loss of crops/trees?			
Yes		No	✓
4. Does the proposed Project activity result in loss of direct livelihood/ employment?			
Yes		No	✓
5. Does the proposed activity result in loss of community forest/pastures on which nearby residents/local population are dependent?			
Yes		No	✓
If yes, give the details of the extent of area to be lost (in acres/hac).			

6. Does the proposed Project activity affect scheduled tribe/caste communities?			
Yes		No	✓

Part C (2): Result/Outcome of Social Screening Exercise

S.No.	Result/Outcome	Outcome
1.	Answer to all the questions is 'No' and only forest land is being acquired	NA
2.	Answer to any question is 'Yes' and the sub-project does not affect more than 200 people (i.e. either complete or partial loss of assets and/or livelihood)	No
3.	Answer to any question is 'Yes' and the sub-project affects more than 200 people (<i>i.e. either complete or partial loss of assets and/or livelihood</i>)	No

Outcome

The proposed sub-project will not have any significant environmental & social impact. There may be some short term inconvenience to Staff, students and local citizens due to construction but it will be for very short period. To address the same, ESMP will be implemented during construction phase to mitigate any such impacts.

No EIA and SIA is required for the subproject site. However, the subproject would require preparation of ESMP.

Statutory Clearances/ No Objection Certificate:

Only Statutory clearances and NOC's / PUC's for establishment/operation of stone crushers, generators, vehicles etc shall be required to be obtained by the Contractor.

Appendix-B

Revenue Record (in Urdu)

فصل اس حساب سے ہو گئے ہیں باقیوں کے لئے کسی اور جہ سے وصول کیا گیا ہے

سلسلہ	رقبہ	رقبہ	رقبہ	رقبہ	رقبہ	رقبہ	رقبہ	رقبہ	رقبہ
		422	421	422	16	16			312/24
		422	421	422	16	16			
<p>نوٹ: اس قبضے میں اصل ہے</p> <p>عزت مند سرکار نے اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p> <p>میں اس قبضے میں موجود ہے جو کہ بوجہ یہاں 2014</p>									
<p>12/2017</p> <p>certified that the land identified 90 is free from all encroachments</p> <p>Chief</p> <p>Naib Tehsildar Devsar</p> <p>TEHSILDAR DEVSAR</p> <p>Naib Education Officer Devsar</p>									

فصل سوم گرامری ناف محوہ لکھنؤی پورہ تحصیل

رقبہ	رقبہ	رقبہ		نا ناف محوہ	نا ناف محوہ	موقوفہ
		نا	وا			
1	1	1	1	موقوفہ شرفا	شرفا	421
1	1	12	1	موقوفہ شرفا	شرفا	422 1
1	1	1	1	موقوفہ شرفا	شرفا	424

نوٹ:- نئی مہیاں لکھنے
 نئی مہیاں فریڈم مہیاں - والد لکھنے مہیاں کا پورا لکھنے

12
017

90

Chief Education Officer
 Naib Tehsildar
 Devsar

TEHSILDAR
 DEVSAR

Revenue Record (in English)

GMS, GUNDI KELLEM
ENGLISH TRANSLATION COPY OF POSSESSION (REVENUE EXTRACTS) VILLAGE/ESTATE GUND
TANKIPORA, TEHSIL KULGAM, DISTRICT ANANTNAG

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		(13)
Khasrat No.	Khatta No.	Name of Surr.	Name of Owner with Details	Name of Cultivator with Details	Means of Irrigation	Khasra Nos.	Total area	Mutable Lagan (Tau/Lary)	Type	Rate of Masala	No.	Type	Details
176	314		State	Under possession of State.	—	673 671 672/1	1K 3M 13M 12M	-	Banjn Gadeem .. Gair Miskan	—	—	—	—

NOTE:

The duplicate is as per original.

In above said Khasra Nos., already one school building was constructed and existing, which due to floods was damaged partly For land measuring 2K 8M Sajra and Khasra of Middle School, Gund Tankipora (Gund) has been prepared. The land is free from all encumbrances Hence Sajra and Khasra have been prepared for onward necessary action.

Sd/- Patwari Halqa Gund Tankipora

Sd/- Naib Tehsildar Devsar

Sd/- Tehsildar Devsar



SL-1
 Translation A-1
 on Date 16-1-19

Signature sheet

FAMILY STUDENT GENERAL INTERACTION CONSULTATION ATTENDANCE SLIP

Sub-Project Name: Construction of 6 roomed block with special toilet block for boy's & girl's
 Date: 01/10/2010
 LPS, Gond. (Kangara)

No.	Name With Profession	Designation/Stream	Address/Phone	Signature	Pa. No.
1.	Mr. Khuresheed Ahmad Bhat	Teacher	M/S Kard, Kalam, Zore, Dewa	<i>[Signature]</i>	7051 62003
2.	Mr. Shabaz Ahmad Bhat	-do-	-do-	<i>[Signature]</i> 966236274	
3.	Mr. Tajammul Doo	-do-	-do-	<i>[Signature]</i> 760771110	
4.	Mr. Bashir Ahmad Pala	PET	-do-	<i>[Signature]</i> 9906748358	
5.	S. Gul Mohammed Qureshi	Resident	Gond Kellam		
6.	G. Ho. Majid Bhat	Resident	Gond Kellam		
7.	A. Salaam Bhat	Resident	Gond Kellam		
8.	S. E. m Bhat	Resident	Gond Kellam		
9.	Abdul Rasheed Qureshi	Resident	Gond Kellam		
10.	E. H. Mohd Bhat (Masta)	Resident	Gond Kellam		
11.	Abdul Majid MARIKI	Resident	Gond Kellam		

Public Consultation



Plate 1.flood damaged block



Plate .2. Remains of toilet bloc

