

Environment and Social Screening Report

October: 2020

Project ID: P154990

Construction of 04 Classrooms Block with Separate Toilet Block at Government High School, Verinag, Anantnag

(Jhelum & Tawi Flood Recovery Project)

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

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2.1 EXECUTIVE SUMMARY

The devastating floods September 2014 shows 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.

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. 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.

Government High School, Verinag, was established in year 1952. The school was damaged in the floods of 2014. Presently, the classrooms do not suffice the student, thus affecting the teacher learner process. A proposal in this regard for the said subproject was finalized and included in Jhelum and Tawi Flood Recovery Project (JTFRP) as “Construction of 04 Rooms single Story Building with Separate Toilet Block for Boys and Girls at Govt. High School Verinag”, Anantnag, Jammu and Kashmir.

The revenue record revealed that school building under JTFRP is proposed inside the existing school which was built upon the government land under three different khasra numbers i.e. 2379- min, 2397-min and 2380 min. Public consultations were undertaken

during the site visits in the sub- project areas on 01-10-2018. Primary Stakeholders of the school i.e. teachers, students, and community members were informed about the proposed sub project and their views were obtained.

The screening study reveals that there are no likely social or environmental impacts of the proposed sub-project. The subproject does not involve any kind of land acquisition or involuntary resettlement. Therefore, no further study such as SIA/EIA 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 and Anantnag.

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 School is located between coordinates of 33°47'19"N and 75°6'21"E. The school is situated in Verinag a tourist place and a notified area committee with tehsil status (Shahabad Bala Verinag) in Anantnag district of Jammu and Kashmir. It is about 26 kilometers away from Anantnag and approximately 78 kilometers south-east from Srinagar which is the summer capital of the state of Jammu & Kashmir.

The proposed sub project “Construction of 04 roomed class room block with separate toilet facility for boys at Govt. boys high school, Verinag Anantnag 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 buildings 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.

Jhelum & Tawi Flood Recovery Project

Figure 1-1: Lay out plan

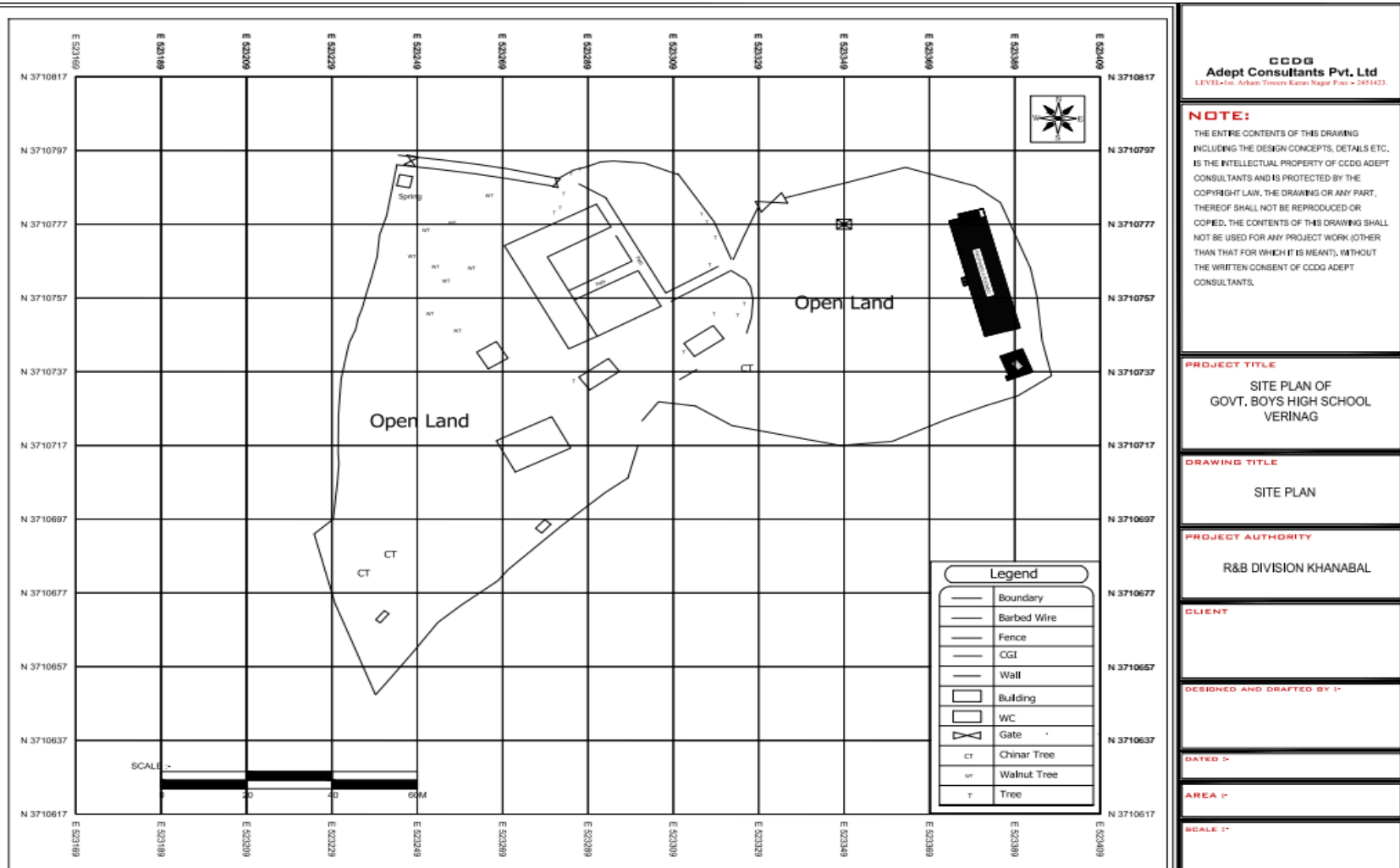
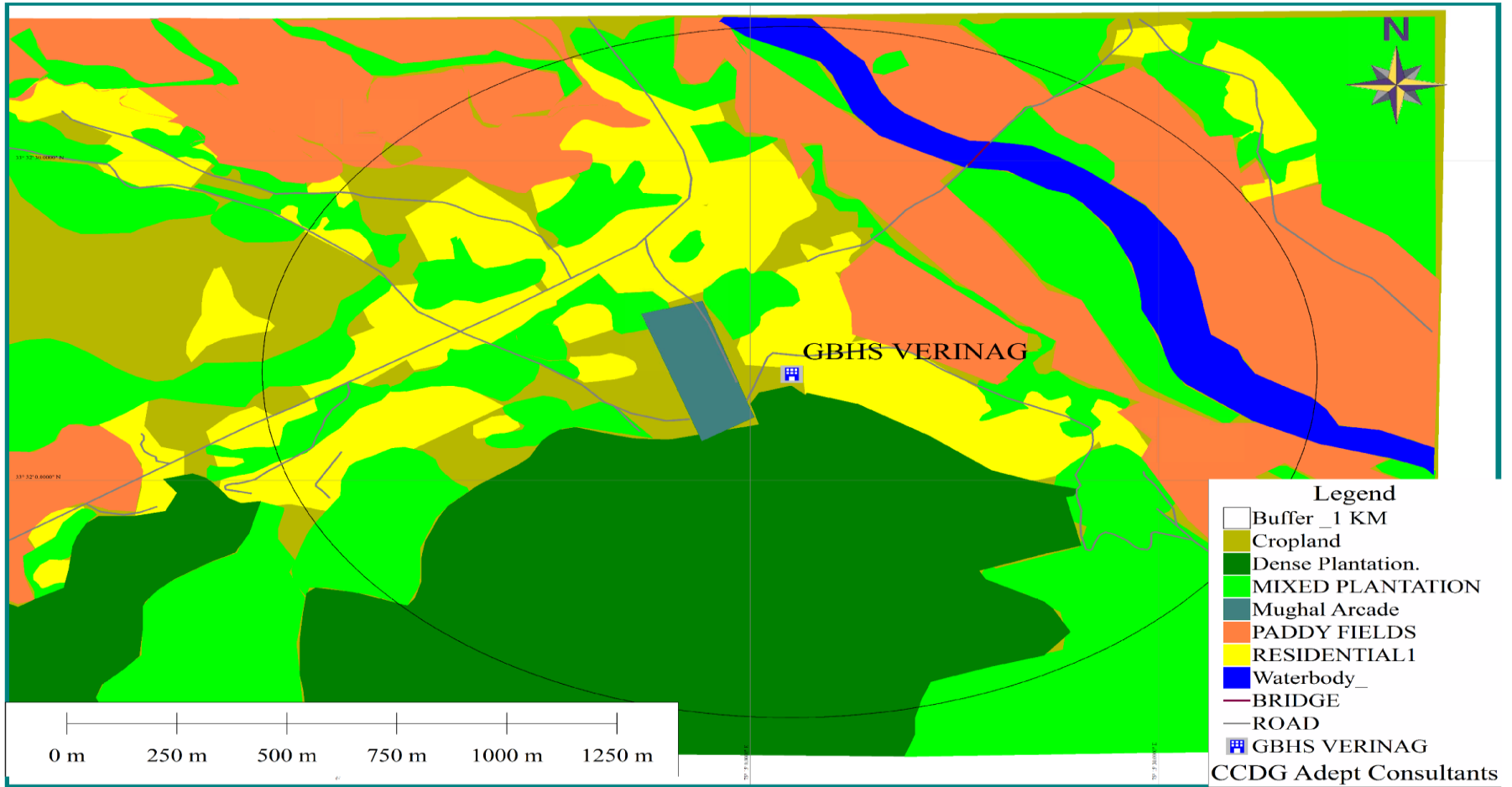


Figure 1-2: Environmental Screening Land use map

Environmental Screening of GBHS Verinag



1.5 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.

1.6 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 FINDINGS

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. Since, the proposed site is the Govt. land under existing school campus. No Impacts either 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. However there is an Archaeological Survey of India^s listed site namely Mughul Arcade which is located more than 150 meter away from the sub-project site

2.2 Social Issues

2.2.1 Issue of Land Acquisition

The proposed sub-project does not require any land acquisition. The sub-project will be constructed on the available Govt. land under the ownership of school. Revenue documents along with translated copy are attached as annexure B&C.

The land records revealed that the total available land under Khasra no.2379, 2397 and 2380 is 23 Kanal and 16 Marlas (12025.37 m²). It is Govt. land under the ownership of school education department with existing school along with the ground. Out of 12025 m² only 231 m² are to be used for proposed sub-project. Rest of the land is available for different recreational purposes for the school.

2.2.2 Issue Livelihood

Positive impacts will be anticipated in terms of employment opportunity as many skilled, semi skilled and un-skilled personnel will get direct and indirect employment during construction phase.

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.

2.1.1 Environmental and social Management Plan (ESMP)

A detailed Environmental and social Management Plan (ESMP) will be prepared. It will provide specific actions deemed necessary to assist in mitigating the environmental impacts, guide the environmentally-sound execution of the subproject, and ensure efficient lines of communication between the implementing agency, project management unit, and contractors. Besides ESMP will also guide through the precaution to be taken in order to minimize the risks/threats if any that may cause damage to ASI listed site i.e. The Mughal Arcade. 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.

3. PUBLIC CONSULTATION

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

Consultation

- Need of the subproject .
- Current facility.
- Possible impacts during construction.
- About project and its source of assistance, its implementation/execution etc.
- Proposed completion of sub-project and interference with academic activities.
- Land ownership and objections if any from the community if the proposed subproject is undertaken.
- Discussion among staff for sharing of information related to project, environment/ social policy of World Bank, direct and indirect impacts of construction work on environment.
- Any impact on religious/ historical or cultural monuments in sub-project area?
- Protection and conservation aspects of environmental attributes
- Mechanism and operation of grievance redressal system in case of any public complaints during project execution.

Outcome and suggestions

The Following suggestions were received

- That the construction site should be barricaded so that any disturbance, whatsoever is blocked and separated from rest of the school
- That mitigation measures should be effective during construction phase
- That those activities which cause major disturbances should be executed before and after school timing.

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

Appendix-A: Environment and Social Screening

Part A: General Information

1. Name of the sub-project	Construction of four (04) Classroom Block with separate toilet block for boys at Govt. High School, Verinag, (Anantnag)	
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. High School, Verinag, Anantnag
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 (U.T. of J&K)	
Name of the District	Anantnag	
Name of the Block	Dooru	
Name of the Settlement	Verinag Town	
Latitude	33061/60// N	
Longitude	75018/12// .E	
4a. Proposed Nature of Work (tick the applicable options)		
Minor Repairs	X	

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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 36 sq.m toilet block
5. Land Requirement (in hac./sq.mt.)	
Total Requirement	361 sq.m
Private Land	Not required
Govt. Land	361 sq.m (available)
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	sernbcpr@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
Is the sub-project located in whole or part within 1 km of the following environmentally sensitive areas?			
Biosphere Reserve		NO	
National Park		NO	
Wildlife/Bird Sanctuary		NO	
Wildlife/Bird Reserve		NO	
Important Bird Areas (IBAs)		NO	
Habitat of migratory birds (outside protected areas)		NO	
Breeding/Foraging/Migratory route of Wild Animals (outside protected areas)		NO	
Area with threatened/rare/ endangered fauna (outside protected areas)		NO	
Area with threatened/rare/ endangered flora (outside protected areas)		NO	
Reserved/Protected Forest		NO	
Other category of Forest	Yes		Pine forest 500m away
Wetland		NO	
Natural Lakes		NO	
Rivers/Streams	YES		Sandran stream is about 500m away from proposed site
Swamps/Mudflats		NO	
Zoological Park		NO	
Botanical Garden		NO	

4. Is the sub-project located in whole or part within 500 mts. of any of the following sensitive features?			
World Heritage Sites		NO	
Archaeological monuments/ sites (under ASI's central/state list)	Yes		Mughal Arcade Including the Spring, at Verinag is more than 150 m away from proposed site
Historic Places/Monuments/ Buildings /Other Assets (not listed under ASI list but considered locally important or carry a sentimental value)		NO	
Religious Places (regionally or locally important)		NO	
Reservoirs/Dams		NO	
Canals		no	
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		
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	
Environment Impact Assessment Required	No
Environment Clearance Required	No
Forest land Clearance/Diversion Required	No
Tree Cutting Permission Required	No
ASI (Centre/State) Permission Required	No
Permission from ULB/Local Body/Department Required	Yes Permission for building construction will be required from Town Area Committee
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.)		361 sqm (available)
	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	No		
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	√
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).			
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.e. either complete or partial loss of assets and/or livelihood)	No

Outcome

The proposed sub-project will not have any significant environmental & social impacts. It does not require land acquisition, it is proposed inside the existing school over the government land. Therefore, no further study such as EIA/SIA is required for the sub-project.

However, ESMP will guide through the precaution to be taken in order to minimize the risks/threats if any that may cause damage to ASI listed site i.e. The Mughal Arcade. No EIA and SIA is required for the subproject site. However, the subproject would require preparation of ESMP

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)

15- Boys High School Verinag.

نقل انتخاب خسرہ گرداوری بابت موضع و مورعہ لاکہ تحصیل ۱۵۰۰ ارضیہ مالک مورعہ

۱	۲	۳	۴	۵
نمبر خسرہ	نام مالک معاہوال	نام کاشتکار معاہوال	تعداد رقبہ قسم	رہبرہ فریقہ زمانہ
			کنال مرلہ زمین	جنس اشکالات قیمت کاشت و لگان
۳۲۹	سکرکار +++	مخدوم عکرمہ عکرمہ +++	۸	۲۶
۳۲۹	سکرکار +++	مخدوم عکرمہ عکرمہ +++	۸	۲۶
۳۳۰	سکرکار +++	مخدوم عکرمہ عکرمہ +++	۱۲	۲۶

نوٹ: - نقل خسرہ گرداوری بابت مورعہ لاکہ تحصیل ۱۵۰۰ ارضیہ مالک مورعہ

مخدوم عکرمہ عکرمہ

۲۰۱۶

Headmaster
Govt. Boys High School
Verinag

Appendix C: Revenue Record (in English)

BOYS HIGH SCHOOL, VERINAG
ENGLISH TRANSLATION COPY OF
INTIKHAB KHASRA GIRDAWARI
VILLAGE/ESTATE VERINAG, TEHSIL SHAHABAD,
DISTRICT ANANTNAG

(1) Khasra No.	(2) Name of Owner with Details	(3) Name of Cultivator with Details	(4) (5) Area		(6) Type of Land	(7) Levy, etc.	(8) Remarks
			Kanal	Marla			
2379-min	State.	Under possession of Education Department.	8	2	School	---	---
2397-min	State.	Under possession of Education Department.	8	X	Banjri Qadeem	---	---
2380-min	State.	Under possession of Education Department.	7	14	School and Ground	---	---

NOTE:
 The above duplicate has been issued to Headmaster, Government High School Boys Verinag

Sd/- Patwari
 Haiqa Verinag

(Handwritten signature and date)
 16-1-17

Appendix-D: Signature Sheet (01.10.2018)

FACULTY/STUDENT GENERAL INTERACTION/CONSULTATION ATTENDANCE SLIP

Sub-Project Name: *Construction of classroom block with separate toilet block for boys.*
 Date: *01/10/2018*
 Venue: *GBHS, Verinag.*

S. No.	Name With Profession	Designation/Stream	Address/Phone	Signature
1	SHAHIDA NASREEN	I/c Headmaster	Verinag 8493929115	
2	G.H. RASOOL PADDER	Master	Kreeri 9596166075	
3	JAVAI D IGBAL SHAH	Master	Kreeri 9596112226	
4	JAYEED AHMAD MANTAO	Master	Docu 9419411923	
5	MOHD SALEEM SOFI	Master	Verinag 9797214657	
6	ISHAD AHMAD WANI	Master	Docu 9596596000	
7	AFROZA AKHTER	Teacher	Verinag 7051407891	
8	G.H. MOHI UD DIN GANE	Teacher	Fatehpura 9469035560	
9	KAISAR AHMAD LONE	Teacher	Kialmad 9596303641	
10	MUZAMIL ALI	Teacher	Docu 7006323957	
11	G.H. NABI BHAT	P.E.M	Furrak NA	
12	JAVAI D AH. LONE	P. E T	Khargund Chaiogram 9797172053	
13	SYED SAIDA NISAR	Teacher	L. munda 9419738995	
14	SAYIMUN NISA	Te	Fatehpura 9797606000	

Appendix E: Photographs (01.10.2018)



Figure 2: Individual Consultation





Figure 3: Interaction with students