

Environment and Social Screening Report

November: 2018

Subproject-Construction of 4 Room Single Story Building with separate Toilet Block for Boys and Girls at Govt. High School, Sail, Beerwah(Budgam) Jammu and Kashmir, India

(Jhelum & Tawi Flood Recovery Project)

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

EXECUTIVE SUMMARY

The Floods of devastating September 2014 shows negative impact on economic aspects of the state and massive infrastructure damages in Kashmir Valley. 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.

The Govt. Boys High School, Sail, Beerwah, Budgam was affected by the floods due to its proximity to Sukhnag, River which flows along its boundary wall that was washed away during 2014 floods. The whole school was inundated up to 06 feet from the ground level. The existing infrastructure was damaged up to a great extent. Post floods school starts its rebuilding process and renovation and repair works were undertaken to start academic activities as soon as possible. The numbers of classrooms do not suffices the present student roll and affect the academic performance of students. A proposal in this regard for the said subproject was finalized and included in Jhelum and Tawi Flood Recovery Project (JTFRP). Under JTFRP component-1, “Construction 4 Room Single Story Building with Separate Toilet Block for Boys and Girls at Govt. Boys High School, Sail”, Beerwah, (Budgam) is proposed.

Sub-projects 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.

The revenue record revealed that the school building is being proposed on the government land over Khasra number 374 (Appendix C). Although two khasra numbers are mentioned in the revenue record whereas school is coming up on khasra number 374. The school is proposed upon 04 kanals of land (2021.57 sqm) and requirement of land as per technical design is only 361 sqm. The current make shift block has only two rooms to run both academic and administrative affairs of school. Lack of proper infrastructure has severely affected the academic activities and effective teacher learner's process.

Public consultations were undertaken during the site visits in the sub- project areas on **25-08-2018**. Stakeholders of the school i.e., teachers, and students were informed about the proposed sub-project and their views were obtained.

The screening study reveals that there are no likely significant social or environmental impacts of the proposed sub project. The sub-project also does not involve any kind of land acquisition and therefore no involuntary resettlement.

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 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

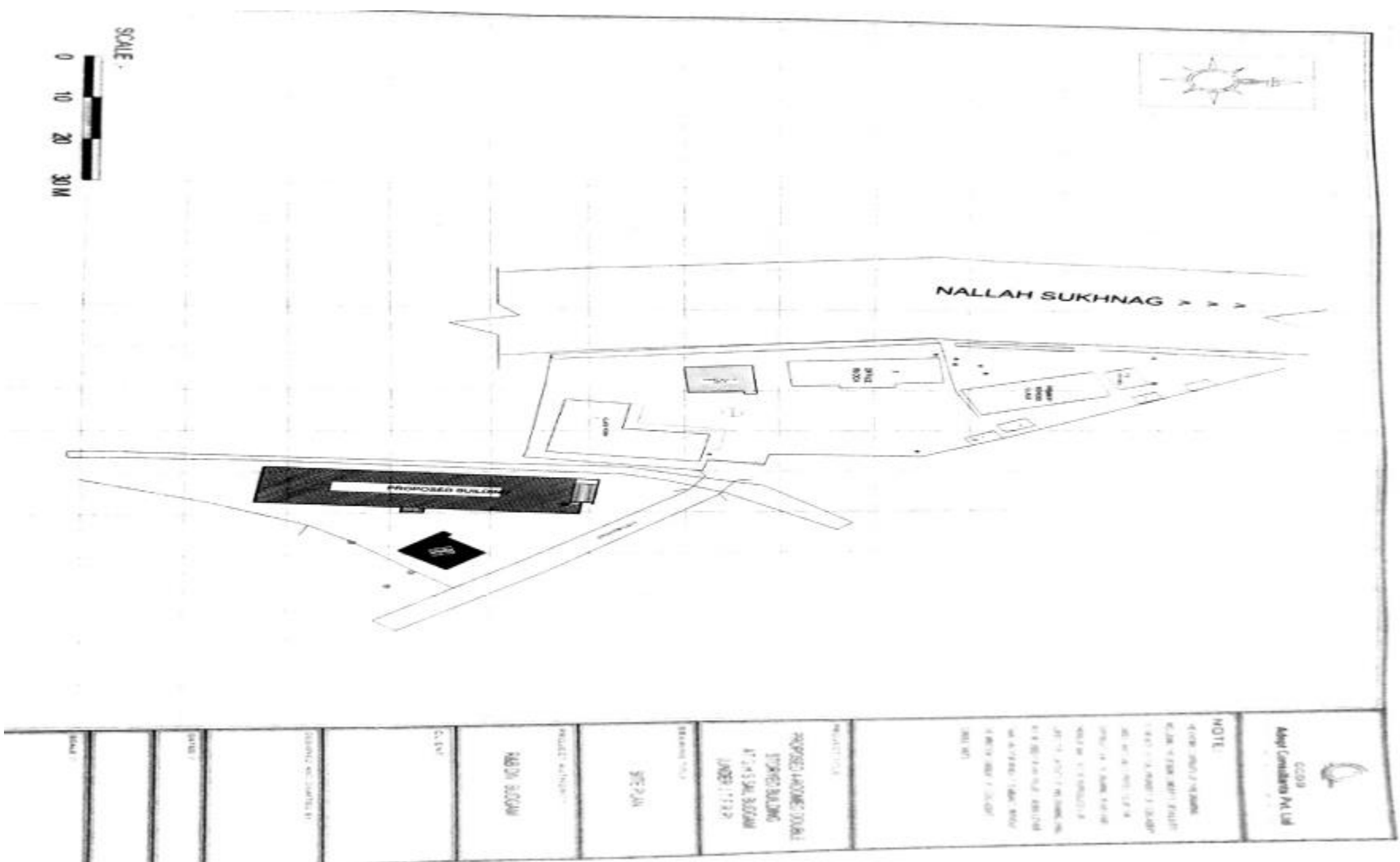
The sub-project is located between coordinates of between $33^{\circ} 59' 17''$ N and $74^{\circ} 33' 58''$ E. It lies along the banks of Sukhnag stream a tributary of Jhelum. The HFL recorded near the school was more than 06 feet from ground level. Currently the school enrolls more than 160 students of both genders for the current academic session-2018. The school lacks proper infrastructure in terms of class rooms, laboratories, library and separate washrooms.

The proposed sub project “Construction of 04 roomed class room block with separate washroom block for boys and girls at Govt. Boys high school, Sail, Beerwah, Budgam” 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.

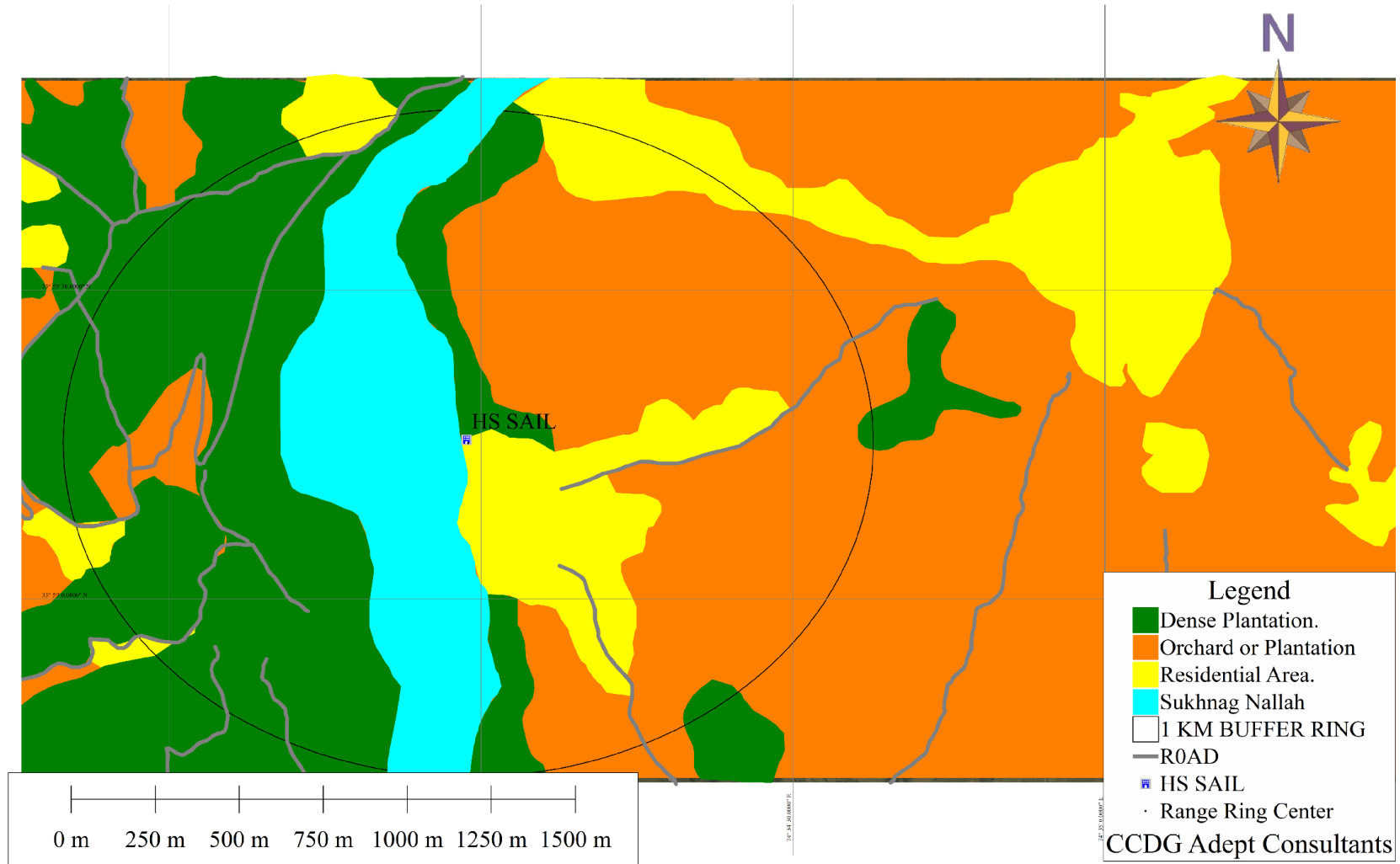
The classroom block will have 04 class rooms and separate toilet block for boys and girls. The execution of this sub-project will result in provision of much needed infrastructure to the school in general and students in particular. This will ultimately result in imparting better and efficient academic performance.

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 HS Sail Budgam



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 an 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. Since, the proposed site is the Govt. land under existing school campus. 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. The sub-project however involves cutting of two (02) walnut trees that are scheduled under Jammu and Kashmir Preservation of Specified trees act, 1969. Besides 08 nonscheduled trees of Poplar, Salix and Ailanthus will be cut during site clearance before the start of construction. In this regard proper permission will be acquired from concerned authorities prior to the start of construction.

2.2 Social Issues

2.2.1. Issue of Land Acquisition

The proposed sub-project does not involve any land acquisition. The proposed sub-project will be constructed on the same place where previous building was damaged. The revenue record revealed that the school building is being proposed on the government land over Khasra number 374 (Appendix C). Although two khasra numbers are mentioned in the revenue record whereas school is coming up on khasra number 374. The school is proposed upon 04 kanals of land (2021.57 sqm) and requirement of land as per technical design is only 361 sqm.

2.2.2. 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, meaningful public consultations were undertaken during the site visits in the sub- project areas on 25-08-2018. Primary stakeholders (teachers and students and people who are directly or indirectly involved with the sub-project) were informed about the proposed activities and their views were obtained (Appendix-C).

3.1. Issues discussed/information shared

- Need of the subproject.
- Current facilities.
- 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.
- 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 campus.
- 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 study 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 issues arising out of the proposed works.

Appendix-A

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 Boys High School ,Sail, Magam	
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. Boys High school, Sail
▪ 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	Jammu/Kashmir	
▪ Name of the District	Budgam	
▪ Name of the Block	Beerwah	
▪ Name of the Settlement	Sail	
▪ Latitude	33°59' 17" N	
▪ Longitude	74 ° 33' 58" East	

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	25-08-2018
▪ 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		Sukhnag, stream flows adjacent to the sub-project site.
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?	29.50 Gauge in Feets ,72585 Discharge in cusecs at Ram Munshi Bagh. Recorded HFL was 06 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?	YES		02 walnut trees are proposed to be cut down when the site is cleared for construction works

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 Required	No
2.	Environment Clearance Required	No
3.	Forest land Clearance/Diversion Required	No
4.	Tree Cutting Permission Required	Yes
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		NIL	
▪ 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	✓ (10 trees)	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 because the project does not involve acquisition of private land, forest land, destruction of ecological resources, displacement of people or any major environmental or social threat/risk etc.

The sub-project however involves cutting of two (02) walnut trees that are scheduled under Jammu and Kashmir Preservation of Specified trees act, 1969. Besides 08 nonscheduled trees of Poplar, Salix and Ailanthus will be cut during site clearance before the start of construction. In this regard proper permission will be acquired from concerned authorities prior to the start of construction.

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

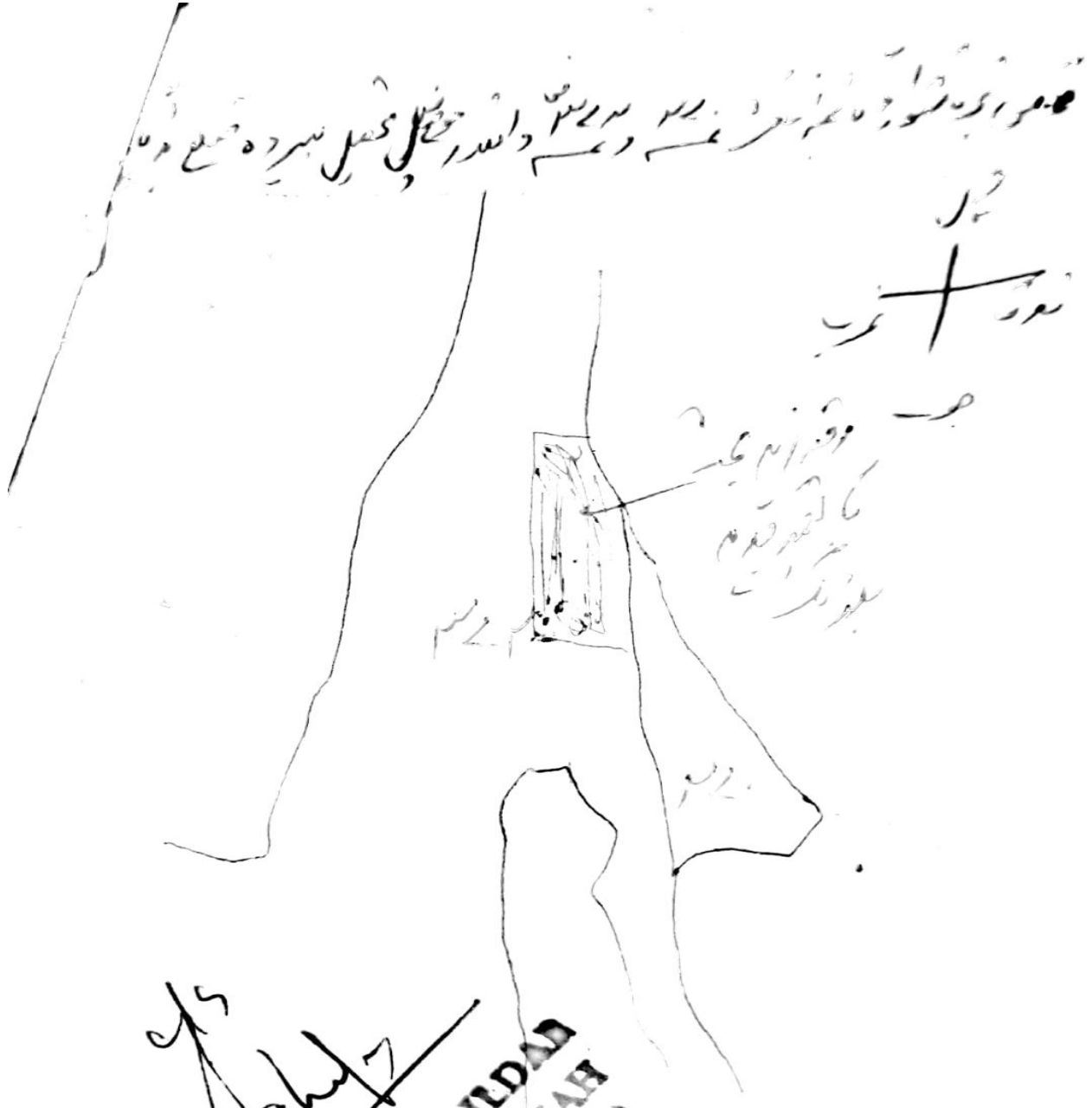
Statutory Clearances/ No Objection Certificate:

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

Appendix-B

Revenue Record (in Urdu)

Handwritten Urdu text at the top: *مقررہ زمینوں کی تفصیل اور ان کے مالکین کے نام*



Handwritten Urdu text on the right side: *نمبر ۱۰*

Handwritten Urdu text next to the highlighted rectangle: *مقررہ زمین کی تفصیل*

Handwritten Urdu text at the bottom left: *۱۵*

Official stamp: **PERILDAR**
BERGWAR

Handwritten Urdu text at the bottom right: *مقررہ زمینوں کی تفصیل اور ان کے مالکین کے نام*

Handwritten Urdu text at the bottom: *۱۵*

Revenue Record (In English)

GHS SEEL
ENGLISH TRANSLATION COPY OF
INTIKHAB KHASRA GIRDAWARI
VILLAGE/ESTATE SEEL, TEHSIL BEERWAH,
DISTRICT BUDGAM



Khasra No.	Name of Owner with Details	Name of Cultivator with Details	Area		Type of Land	Levy, etc.	Remarks
			Kanal	Marla			
374	State.	State.	647	14	---	---	---
470	Shamilaat Deh (Village).	Reserved Gahcharai.	3	9	---	---	---

NOTE:

It is submitted that on the land measuring 4K under Khasra No. 374-min, the Village Committee Seel ha proposed construction of High School Building Seel. The old building is existing in th same Khasra No. The duplicate has been issued as per the orders.

**Sd/- Patwari
Halqa Seel**



Translation Attested
on Dated 24-1-19

Public Consultation











Signature Sheet

FACULTY/STUDENT/GENERAL INTERACTION/CONSULTATION ATTENDANCE SHEET

Sub-Project Name: 4 roomed double storeyed class room block with toilet block for girls at Govt. Boy's Secondary school, Sail, Beaswarah.





Date: 25/08/18.

Venue: ~~BE, sail~~

S. No.	Name With Profession	Designation/Stream	Address/Phone	Signature
01.	Mr. Riyaz Banu	I/c Headmaster	R/o Sodipasa Basrah. 9602615679	
02.	Mr. Ab. Hamid Jaker	Master	R/o Sail Basrah 979706966	
03.	Mr. Mohd Ashraf Dar	Master	R/o Sail Basrah 9596006245	
04.	Mr. Masooda Banu	Master	R/o Basrah Basrah 9149696952	
05.	Mr. Ab. Mujid Dar	Master	R/o Malawa Sungai 9596359555	
06.	Mr. Farooq Ahmad Ponditi	Teacher	R/o Sail Basrah 9697868086	
07.	Mr. Fayaz Ahmad Hani	Teacher	R/o Pettangan Basrah 9596463934	

FACULTY/STUDENT/GENERAL INTERACTION/CONSULTATION ATTENDANCE SLIP

Sub-Project Name: construction of 4 roomed double story class room block with toilet block for girls at GBSS, Sail, Beaswala.
 Date: 25/08/2018 Venue: Govt. Boy's Secondary school, Sail, Beaswala.

S. No.	Name With Profession	Designation/Stream	Address/Phone	Signature
08	Mr. Asif Ghill	Teacher	R/o Sail Beaswala 9797091907	
09	Mr. Jafar Ahmad Mir	Teacher	R/o Kandra Beaswala 9858467575	
10	Mr. Meer Akhtamul Islam	Teacher	R/o Jagan Beaswala 9697362640	
11	Mr. Syed Guzman Farooq	Teacher	R/o Lalpura Beaswala 9797809248	

FACULTY/STUDENT/GENERAL INTERACTION/CONSULTATION ATTENDANCE SLIP

Sub-Project Name: Construction of four (04) roomed double storied class block & separate toilet block for girls at GBHS
 Date: 25/08/18 Venue: BHS, Sail, Beerwah
 Sail, Beerwah

S. No.	Name With Profession	Designation/Stream/Class	Address/Phone	Signature
01	Adil Nabi	10 th	Sail	Adil Nabi
02	Sabryh H. Bhat	10 th	Sail	Sabryh
03	Aisya H. Das.	10 th	Sail	Aisya
04	Muzamil Al. wa	10 th	Kandana	Muzamil
05	Faisal Coffee	10 th	Kandana	Faisal
06	Kalid Al. Nappu	10 th	Kandana	Kalid
07	Mir Umer	10 th	Gripura	Mir Umer
08	Muzaffar Al. Mir	10 th	Kandana	Muzaffar
09	Surya AKA Jy	10 th	Sail	Surya
10	Safiq Majeed	10 th	Sail	Safiq Majeed
11	Juska Manjoo	10 th	Sail	Juska
12	Toiba Cull	10 th	Bumzaniga	Toiba
13	Jehad Farooq	10 th	Sail	Jehad