

Environment and Social Screening Report

September 2020

Project ID: P154990

Construction of 2 roomed classroom Block with Toilet Block for Boys & Girls at Govt. Middle school Nazneenpora (Shopian) J&K.

(Jhelum & Tawi Flood Recovery Project)

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

CONTENTS

EXECUTIVE SUMMARY	3
1. INTRODUCTION	5
1.1 PROJECT BACKGROUND	5
1.2 PROJECT DEVELOPMENT OBJECTIVE	5
1.3 SUBPROJECT BACKGROUND	6
1.4 SUB-PROJECT DESCRIPTION	6
1.5 OBJECTIVE OF THE ENVIRONMENTAL AND SOCIAL SCREENING	10
1.6 METHODOLOGY OF ENVIRONMENT AND SOCIAL SCREENING STUDY	10
2. ENVIRONMENT AND SOCIAL ISSUES	11
2.1 ENVIRONMENT ISSUES	11
2.2 SOCIAL IMPACTS:	11
2.2.1 AVAILABILITY OF LAND	11
2.2.2 ISSUE OF LIVELIHOOD	11
3. ENVIRONMENTAL & SOCIAL MANAGEMENT PLAN	12
4. PUBLIC CONSULTATION	12
4.1 ISSUES DISCUSSED	13
4.2 OUTCOME AND SUGGESTIONS	13

LIST OF FIGURES

<i>FIGURE 4-1: CONSULTATION PHOTOS</i>	25
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EXECUTIVE SUMMARY

The devastating floods of September 2014 show negative impact on socio-economic aspects of the Union Territory of J&K (erstwhile state) and massive infrastructure damaged in Kashmir division. In response, a mission of the World Bank visited the Union Territory of J&K (erstwhile 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 reconstruction and rehabilitation of the Govt. Middle High school, Nazneenpora was proposed under JTFRP since the school was damaged during 2014 floods due to its location along the bank of stream Rambiar, known for its high erosive capacity. A part of the existing infrastructure was washed away during the said floods. The remaining class rooms have either been portioned or more than one class is being engaged in a single room.

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.

The screening exercise revealed that the proposed sub-project does not required acquisition of land. As per the revenue record, the land identified for proposed construction is government land under khasra number 53 (Appendix II). The total land under khasra number

53 is 34 kanal¹ and 02 Marlas² i.e. 17233.89 sqm out of which 758.09 sqm is under the ownership of school. The requirement for the proposed sub-project is only 231 sqm.

Public consultations were undertaken during the site visits in the sub- project areas on **09-08-02018**. Stakeholders i.e., teachers, people from administration and students particularly female studying or working within the school were informed about the proposed sub-project and their views were obtained.

The screening study reveals that there are no likely significant environmental or social impacts of the proposed sub-project. The proposed sub-project does not involve any land acquisition as the sub-project involves construction of new infrastructure facility on available Govt. land under the ownership of School.

¹ Kanal is a traditional unit of land area in northern states: 01 kanal equals exactly to 5440 sft or 505.392 sqm.

² 01 Marla is equal to 272 sft.

1. 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 Union Territory of J&K (erstwhile 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

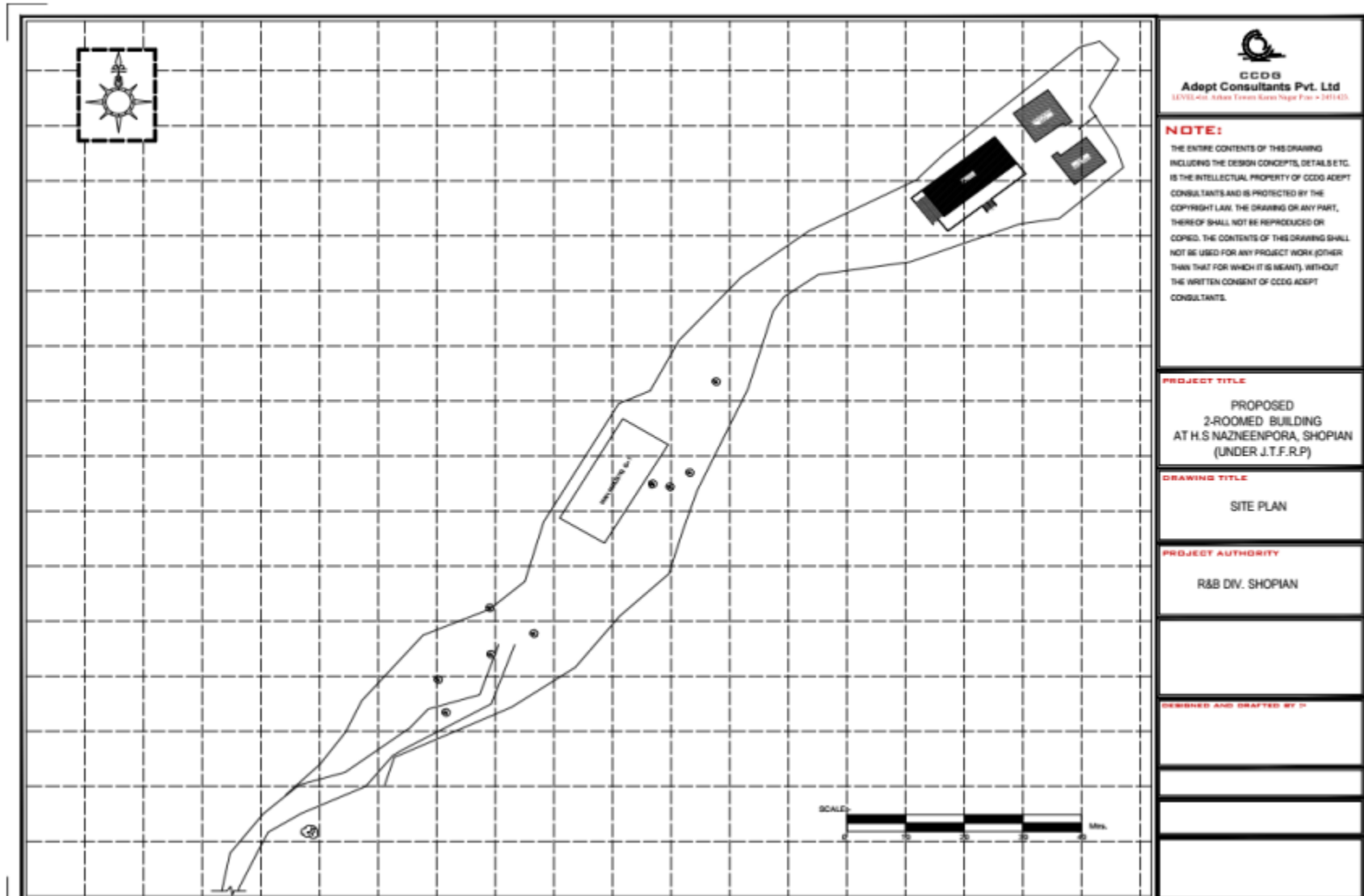
The sub-project is located between coordinates of. $33^{\circ} 72' 53''$ N and $74^{\circ} 82' 77''$ East. The present location of the school is flood prone as a result class work remains suspended when the flow of the water in nearby stream increases. Owing to this vulnerability, a proposal has been put forward to relocate the school to high lands where a school building is under construction under RMSA on available Govt. land.

The proposed sub project Construction of two (2) roomed Class room block with separate toilet block for boys and girls at Govt High school, Nazneenpora, Shopian, Jammu and Kashmir, is funded by the World Bank. The Project Implementation Unit (PIU) for this sub-project is Public Works (R&B) Department, (Kashmir) Govt. of Jammu & Kashmir.

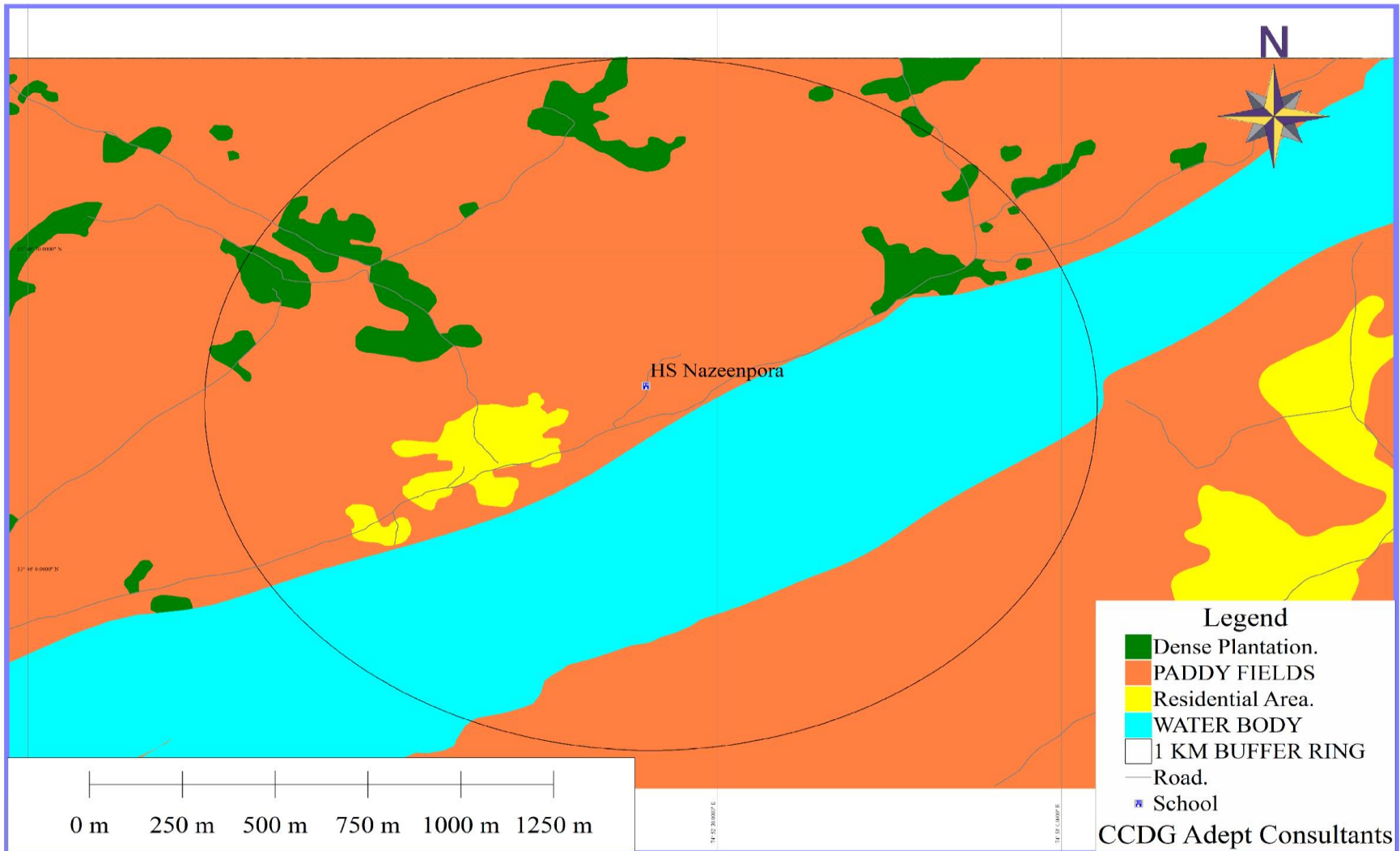
The classroom block will accommodate 02 classrooms. Besides separate washrooms blocks will be constructed for student’s convenience with multiple cubicles. The execution of this sub-project will result in effective academic activities. The design of these blocks has taken into consideration the seismicity 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

Lay out Plan



Environmental Screening Of HS Nazeenpora



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 an Environment and Social Screening Checklist (**Appendix-I**) that contains the relevant questions for identification of anticipated environment and social impacts due to execution of the subproject.

2. ENVIRONMENT AND SOCIAL ISSUES

2.1 Environment Issues

The sub-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. The execution of sub-project requires cutting down of four (04) non-scheduled trees of Poplar for site clearance during pre-construction phase. However plantation of new saplings in the ratio of 1:2 (2 plants for each felling tree) will be undertaken to compensate for the loss.

2.2 Social Impacts:

2.2.1 Availability of land

The proposed sub-project does not require acquisition of land. The proposed sub-project will be constructed inside the existing school which has boundary wall and is properly fenced. As per the revenue record, land identified for the proposed construction is government land under khasra number 53 (Appendix II). The total land under khasra number 53 is 34 kanal³ and 02 Marlas⁴ i.e. 17233.89 sqm out of which 758.09 sqm is under the ownership of school. The requirement for the proposed sub-project is only 231 sqm.

2.2.2 Issue of Livelihood

There is no adverse impact on the livelihood of anyone since the proposed sub-project is inside the premises of the existing school having proper boundary wall. There is no agricultural activity or anything associated with livelihood on the proposed land. 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.

³ Kanal is a traditional unit of land area in northern states: 01 kanal equals exactly to 5440 sft or 505.392 sqm.

⁴ 01 Marla is equal to 272 sft.

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. ENVIRONMENTAL & SOCIAL MANAGEMENT PLAN

A detailed Environmental and social Management Plan (ESMP) shall be prepared which 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.

4. PUBLIC CONSULTATION

In compliance with the ESMF, public consultations were undertaken during the site visits in the sub- project areas on 09-08-02018 (Appendix III). Stake holders (teachers, students particularly females studying or working within the school campus and people who are directly or indirectly involved with the sub-project) were informed about the proposed activities and their views were obtained.

4.1 Issues discussed

- 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.

4.2 Outcome and suggestions

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.

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-I: Environment and Social Screening

Part A: General Information

1. Name of the sub-project		Construction of 02 room block with separate toilet block for boys and girls at Govt. High school, Nazneenpora, Shopian, Jammu and Kashmir
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		School building.
▪ 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		Shopian
▪ Name of the Block		Keller
▪ Name of the Settlement		Nazneenpora
▪ Latitude		33° 72'53" N
▪ Longitude		74° 82'77" 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		195 sq.m (classroom block) 36 sq.m (washroom block)

length in mt/km, as relevant)	
5. Land Requirement (in hac./sq.mt.)	
▪ Total Requirement	231 sq.m
▪ Private Land	Not required
▪ Govt. Land	Not required
▪ 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	09-08-2018
▪ 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		Rambiar stream a tributary of jhelum flows 400m away from the subproject 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?	34.70 guage in feets,115218 cusec discharge at sangam. 07 feet at present site where school is currently functioning		
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 Required	No
2.	Environment Clearance Required	No
3.	Forest land Clearance/Diversion Required	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	<p>Yes</p> <p>Various Statutory clearances and NOC's / PUC's for establishment or operation of batching plants , 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/ borrowing sites.</p>
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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 (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		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	✓ (04 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.e. either complete or partial loss of assets and/or livelihood)	No

Outcome

The proposed sub-project site will not have any significant environmental & social impact. The execution of sub-project requires cutting down of four (04) non-scheduled trees of poplar for site clearance during pre-construction phase. There may be some short term inconvenience to Staff, students and local citizens due to construction but it will be for very short period if comparing with the long term benefits to the public. To address the same, ESMP will be implemented during construction.

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

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

احتیاجات جمعہ کی اسٹیج مرتبہ سال ۶۶-۶۹ء بموضع نازنیں لوہہ تحصیل سوسان

۱	۲	۳	۴		۵	۶
			رقبہ	رقبہ		
تعداد	نام مالک و معا حوال	نام کاشتکار معا حوال	کنال	مرلہ	جنس	تاریخ اربیع ۱۳۰۴ھ
۷۵۱	محمد اعظم	مقبوضہ محمد اعظم	-	۷	جین	۱۳۰۴ھ
۳۱۸۵	محمد اعظم	مقبوضہ محمد اعظم	۱۷	۱۷	جین	۱۳۰۴ھ
مفت : منعم علیہ و منشا : منعم علیہ						

Revenue Record (in English)

GHS, NAZNEENPORA, SHOPIAN
ENGLISH TRANSLATION COPY OF INTIKHABI JAMABANDI (REVENUE EXTRACTS) VILLAGE/ESTATE
NAZNEENPORA, TEHSIL SHOPIAN, DISTRICT SHOPIAN

(1) Khasra No.	(2) Khasra No.	(3) Name of Surr	(4) Name of Owner with Details	(5) Name of Cultivator with Details	(6) Means of Irrigation	(7) Khasra Nos.	(8) Total area	(9) Mutable Lagan (Tax/Levy)	(10) Type	(11) Rate of Mahia	Mutations		
											No.	Type	Details
109	215	---	Education Department	Under possession Education Department	---	53	1M 13K 19K	-	Nursery Kol	---	---	---	---
				Total Khasra		Patch 59	34K 2M						



NOTE:

1. Out of Khasra supra under Khasra No. 53-min the two storeyed building of Education Department housing Government High School on land measuring 7 1/2 marlas is constructed.
 2. Around the government school land measuring 1 kanal and 10 marlas is existing which is with boundary walling.
 3. Hence the duplicate with enclosing Intikhab Girdawari and Shajra Khasra for onward action is submitted.

Sd/- Patwari Halqa Nazneepora

Sd/- Naib Tehsildar Keegam

SL-1-CA
 Translation Attached
 on Date 6-7

Appendix III: Signature Sheets of Consultation

FACULTY/STUDENT/GENERAL INTERACTION/CONSULTATION ATTENDANCE SHEET

Sub-Project Name: Construction of 2 zoomed class rooms block with all C.H.S., Nazneen Para, Shepian
 Date: 09/08/2018 Venue: C.H.S., Nazneen Para.

S. No.	Name With Profession	Class / Designation / Stream	Address/Phone	Signature
(1)	Nadeem	9th (A)	C.H.S., Nazneen Para	Nadeem
(2)	Yousaf	9th (13)		Yousaf
(3)	Rameez Jan	9th (12)		Rameez Jan
(4)	Nargis Jan	9th (8)		Nargis Jan
(5)	Razia Fatima	9th (9)		Razia Fatima
(6)	Razia Yasmin	9th (3)		Razia Yasmin
(7)	Mahpara	9th (14)		Mahpara
(8)	Aulqija Fatima	9th (11)		Aulqija Fatima
(9)	Subhana	9th (10)		Subhana
(10)	Ghazi Gulzar	9th (7)		Ghazi Gulzar
(11)	Uzaid	10th (04)		Uzaid
(12)	Rayees	10th (08)		Rayees
(13)	Shahid	10th (06)		Shahid
(14)	Nadeem	10th (07)		Nadeem

FACULTY/STUDENT/GENERAL INTERACTION/CONSULTATION ATTENDANCE SLIP

Sub-Project Name: Construction of 2-roomed Classroom block

Date: 09/08/2018 Venue: GHS, Nageenpota

S. No.	Name With Profession	Designation/Stream	Address/Phone	Signature
1	Nisar Ahmad Shah	Headmaster	8491816723	
2	Javed Ali Malik	Master	7889549517	
3	M. Farooq Shah	Master	Shopia 9797155859	
4	Zubaida Jabeen	Teacher	N.A.	
5	Shahnawaz Murtaza	Teacher	9596062521	
6	Azharul-Haq	Teacher	7006546929	
7	Javed Ali Shaikh	Teacher	4596496516	
8	Shakeel Ahmad Baba	Teacher	7051976200	
9	Nazim-Us-Salam	do	9797190060	
10	Khalid Hashim	contractual teacher	9906809621	
11	Shabeer Ahmad	tr.	9850244760	
12	Sheeraz Ahmad	Tr.	697058191	

Appendix IV: Interaction session with students and staff

Figure 4-1: Consultation Photos

