Environment and Social Screening Report

July: 2020 Project ID: P154990

Subproject -Construction of 04 class room block with separate Toilet block for boys at Government Boys Higher Secondary School, Bijbhehara

(Jhelum & Tawi Flood Recovery Project)

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

EXECUTIVE SUMMARY

The Floods of devastating September 2014 shows negative impact on socio-economic aspects of the Union Territory of J&K (erstwhile state) and massive infrastructure damages in Kashmir Valley. 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

Government Boys Higher Secondary School, Bijbhehara, was also affected by the floods of 2014 due to the low lying area and its proximity to river Jhelum. The whole school was inundated up to 06 feet from the plinth height. The school stayed flooded for more than a week. This resulted in damaged to most of the existing infrastructure. Some of them have been even been declared unsafe by the concerned authorities. The laboratories and library were completely destroyed. The unsafe buildings are currently in use for academic and administrative works as no other option is available. The school is running numerous streams like, science, Humanities, commerce etc. The total numbers of enrolled students are **1100**.Presently the classrooms do not suffice the students roll and affect the teacher learner process. After post floods school starts its rebuilding process and a proposal for the said subproject was proposed under Jhelum and Tawi Flood Recovery Project (JTFRP)

Under JTFRP component-1 the subproject "Construction of four (04) class room block

with separate toilet block for boys at Govt. Boys Higher Secondary School, Bijbihara" has been proposed

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. Public consultations were undertaken during the site visits in the sub-project areas on 15-09-2018.Primary Stake holders of the school teachers and students were informed about the proposed sub-project and their views were obtained. Besides stakeholders from school, consultation was also conducted with general public.

The screening study reveals that there are no social or environmental impacts of the proposed sub project. The project does not involve any kind of land acquisition

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 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 vulnerability of Union Territory of J&K (erstwhile state) 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 Union Territory of J&K (erstwhile 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 entities of the Union Territory of J&K (erstwhile state) 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 at 33°47'19"N and 75°6'22"E approximately. The school is situated in Bijbehara town, in the Anantnag district of Jammu and Kashmir. It is located at a distance of about 45 km to south from the summer capital of the entities Srinagar and 07 km to north from district headquarter, Anantnag. The school enrolls more than 1000 students. Some of the existing infrastructures have been declared unsafe by the concerned authorities. But the same are in use as no other option is available to carry out the academic and administrative functioning of school

The proposed sub project ""Construction of four (04) class room block with separate toilet block for boys at Govt. Boys Higher Secondary School, Bijbihara"" 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





Environmental screening of GBHS BIJBHEHARA



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

2.1Environment 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.

2.2Social Impacts:

2.2.1. Availibility of land

The proposed sub-project does not involve any land acquisition. The proposed construction will be done on the available land under the ownership of school.

The revenue record along with translated copy duly attested are annexed as **Appendix-B & C.**

2.3. Impact on socio-economic conditions

The implementation of the sub project will not involve dislocation or involuntary resettlement of people. The primary benefit of the sub-project would result in overall accommodation of students in class rooms.

2.2.3. Impact on 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.

The relatively short-lived marginal economic impacts during construction phase are likely to be experienced in local communities, as workers will make everyday purchases from local traders. This is likely to give a short-lived stimulus to these traders that will disappear as soon as the construction is complete. Wider, flow-on economic impacts will be experienced in other sectors of economy as a result of purchase of construction materials and the payment of wages and salaries.

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.

2.2.4 Environment and Social Management Plan

However a detailed Environmental and social Management Plan (ESMP) 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. 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 Bank guidelines, meaningful public consultations were undertaken during the site visits in the sub- project areas on **15-09-2018**. Stake holders (school, administration, teachers, 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-D**)

3.1. 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.

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.

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

1. Name of the sub-project	"Construction of four (04) class room block with separate toilet block for boys at Govt. Boys Higher Secondary School, Bijbihara (Anantnag)			
2. Type of proposed activity (tic	k the a	pplicable option and provide details)		
Road	Х			
 Bridge 	Х			
Fire Station	Х	-		
 Hospital/Health Facility 	x			
 Educational Institute 	\checkmark	Govt. Boys Higher Secondary School, Bijbihara. Anantnag		
 Building for Livelihoods 	Х			
 Flood Infrastructure Related 	x			
 Other Public Building 	x			
 Any Other (Please Specify) 	x			
3. Location of the proposed sub	-proje	ct		
 Name of the Region 		Jammu/Kashmir		
 Name of the District 		Anantnag		
 Name of the Block 		Bijbihara		
 Name of the Settlement 		Town		
Latitude	33°47'19"N			
 Longitude 		75°6'22"E		
4a. Proposed Nature of Work (i	tick the	applicable options)		
 Minor Repairs 		X		

Major Repairs/Rehabilitation	Х
 Upgrading/Major Improvement 	Х
 Expansion of the facility 	Х
New Construction	✓
Any Other	Х
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 	Available/(Appendix-B)
 Forest Land 	Not required
6. Implementing Agency Details (sub-p	roject 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 	+91-9419951666
 E-mail Id 	sernbccrp@gmail.com
7. Screening Exercise Details	
 Date on which it was carried out 	15-09-2018
 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		
١.	Wetland		NO		
m.	Natural Lakes		NO		
n.	Rivers/Streams	YES		Jehlum river is 300mts away from the project site	
0.	Swamps/Mudflats		NO		
p.	Zoological Park		NO		
q.	Botanical Garden		NO		

4. Is the sub-project located in w following sensitive features?	hole or part w	ithin 500 mts. of any of the
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 discharge at HFL recordec within school	in feets,115218 cusec Sangam I was 08 feet from ground level premises
 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	
 Is sub-project located in an area that faces water paucity or water quality issues? 	NO	

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Part	B (2) : Result/Outcome of Env	vironmental 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	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			
		Private Land	(sq mts/hac.)	No		
Give the following details: Go		Govt. Land (s	sq mts/hac.)	No		
		Forest Land ((sq mts/hac.)	No		
2. Does the propo existing struct	osed s ures?	ub-project act	ivity result in dem	olition/removal of		
Yes			No	\checkmark		
If so, give the follow	ving det	ails:				
Number of public	structu	ires/buildings	No			
 Number of common resources (such a drinking water/we 	Number of common property resources (such as religious/cultural/ drinking water/wells/etc.)					
 Number of private on private or publ 	e struct ic land)	ures (located)	-			
3. Does the propo	osed p	roject activity	result in loss of c	rops/trees?		
Yes			No	✓		
4. Does the propo employment?	osed P	roject activity	result in loss of d	irect livelihood/		
Yes			No	\checkmark		
5. Does the proposed activity result in loss of community forest/pastures on which nearby residents/local population are dependent?						
Yes			No	\checkmark		
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	\checkmark
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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 if comparing with the long term benefits to the public. To address the same, ESMP will be implemented during construction.

No EIA and SIA study 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 batching plant, stone crushers, generators, vehicles et. shall be required to be obtained by the Contractor.

Appendix-B



Appendix-C

Translated copy of land ownership document

BHSS, BIJBEHARA ENGLISH TRANSLATION COPY OF

INTIKHAB KHASRA GIRDAWARI

GE/ESTATE ZIRPORA, TEHSIL BIJBEHARA, DISTRICT ANANTNAG

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Khasra No.	Name of Owner with	Name of Cultivator with Details	A	rea	Type of	Levy,	Remarks
	Details		Kanal	Maria	Land	etc.	
965	State as per No. 39.	Forest Department under	75	15	Maidani	77	
		Bijbehara and under	1	1			
		possession of Higher Secondary School Bijbehara and playground.	77	7			
860	Police Line	Under possession of	33	-	Maidani		
	etc., as per No.	Education Department	1	2			
	552.	School, Bijbehara.	34	2			
861	Police Lines as per No. 532	Under possession of Education Department through Higher Secondary School, Bijbehara.	6	17	Play ground	_	-
866	State as per No. 139.	Under possession of Education Department through Higher Secondary School, Bijbehara.		19	School		
876	State as per No. 39.	Under possession of Education Department through Higher Secondary School, Bijbehara.	1	8	Play ground		

NOTE:

The duplicate has been issued as per the orders.

1.

Sd/- Patwari Halqa Zirpora



Appendix-D

T ublic	consulta	tion. List of	participants	
Sta Project Name: Construction	of 4 cla	arroomed !	sloch at GM	HS, Bilbehara
Date 15-09-2019. Venue:	CIMHSSC	heol, Bille	hara.	
S. No. Name With Profession	Designa Clas	tion/Stream	Address/Phone Address	Signature
Villor - Shafi-Granie	9th	53	Hassan bora	viken
Mushlag- A.h Naikoo	9Th	85	Bijbhera	lluf
Assalan Manzeos	9.th	40	Jablibora	Assalas
UMAD: AHI. RAH	9th	60	Bilbhesa	Ref
Murtaza Moha	ath	119	Bijbehera	eff.
Aabid Ayoub	91h	7-3	Bijbehare	Aufur
Mond: JUNATO DATE	9th	75	Semtham	Jugaidy
Slabhoo Shevbik	ath	74	Akwani	asi
Zubais	9th	84	Bilphero	114
DomiSH. Ramzan	9th	54	Hassam poog	Dant
Jamid. Amin	9th	67	Batengoo	Quippya.
Taliß Nisoz	PTh	70	RITRAL	
SHIMANSHAFi	ath	60	D' DEGAN	20 heret
JAC ST		20	51 J Behard	2 Salman
Adman A Youb	915	66	Batengoo	Q V
Furgon Bilal	915	87	Big behave	ATT
the Chavil FMAN	9th	55	Batengoo	Nadi
the Im aus	gth	52	Hojjaupola	Tuto
BASit) Kumal	9.00	46	Bijbehare	Beier

Public consultation: List of participants

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Sul	b-Project Nam		LTATION ATTENDANC	ESLIP
Dat	e:			
S. 1	No. Name With a	GMHSS, Bilbeh	922	
1	- Former AA	Designation/Stream	Address/Phone	Signature
2.	Bild AD	n Leclurer	Khrowan Lasi- - 1-00 9906600727	Also
3.	Sha Shand Mast	i Leclever	Cheenichowk Anantin 2002 90190	AR of
4	Friday	Lechnie + (physics)	K. Kala N=941915834 Soign FWAR	howall
-	1 robeins Ammer	he charge	Ourenice ofereball	to .
5	Manjon And	Lect.	R/s.k.	13_
 	10/ 5hi and Shif' was	· Lect.	Rfs Now Por	Man.
8.	Muning And Tak	Martie	No Kyledan 941956077)	du.
-	Shee And	Tr.	R/0-Naibast 9858912091	Au
7.	Mold Asmy Sheh	Lecture	Ho uareapre 7785846140	AT
-	Janaed Hundia	J4. Anstant	Rlo Paneliforan	futile
1	- Julin My	Mate	Plo My Chan	Jung
L	Raziz-M- Bala	Leet.	R/o Sallar. 9797962703	Affe
3.	Masura Baus Mit	1884WYRY	a 633 2N1600	Sandal
e.	S. Talis John	PEM.	9596503736	42

Appendix-E



Plate.1existing infra structure at GBHS School, Bijbihara

Plate.2. single storey block used as class room and School canteen



Plate.4.existing infrastructure





Plate.5.consultation with school staff and students