

# Environment and Social Screening Report

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February 2018

## Construction of Govt. Boys Higher Secondary School at Jawahar Nagar, Srinagar

## ENVIRONMENT AND SOCIAL SCREENING REPORT

### Executive summary

The devastating deluge of September 2014 had enormous negative impact on economic aspects of the state and massive infrastructure damages in which capital city Srinagar was most affected. 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 centres were also severely damaged and are still not fully operational.

One of the sub-project component aims at construction of “Government Boys Higher Secondary School, Jawahar Nagar, Srinagar” also known as Old Hospital School is one of the founding educational institutions of Srinagar city. The school infrastructure got badly damaged during the devastating flood as few structures got fully damaged. The proposed project shall be constructed in place of an old damaged structure that has been declared unsafe and needs to be knocked down.

The potential impacts of proposed activities cannot be foreseen based on information available only. To mitigate any potential impacts, assessment procedures and mitigation measures have been put into place through the Environment and Social Management Framework (ESMF) for Jhelum and Tawi food recovery Project, so that any likely negative impacts are minimized.. Taking ESMF into consideration, the present study aims at identifying the existing environmental and social condition in the form of “Environmental and Social screening” to ascertain the categorization so that the further study can be carried out. One of the important components of this study is dissemination of project information by way of “Consultation with stakeholders and general public”, which was conducted successfully with the local population.

Public consultation was also conducted for the project to take suggestions from the people. Public consultation was conducted at the project location on 12-11-2016 and 07-08-2017 in different forms like one to one consultation, group discussions etc., as part of environment and social screening study. During the consultation process, local people, students and teachers expressed keen interest about the proposed subproject. People in general were very enthusiastic about the benefits of the subproject. Staff, students and people in community are aware about the proposed subproject work. The major problems faced by concerned people are related to damaged condition of existing school building. People are ready to extend all types of support during execution of the subproject. The people are aware of this fact that the project during construction stage will generate employment opportunities for local people.

The screening study reveals that the proposed subproject comes under classification of E2 for Environment Assessment (E2 refers; where there are relatively lower chances of creating adverse environmental impacts) and there are no likely social impacts of the proposed sub project. The GRM will be constituted before the commencement of construction work.

## 1. Introduction

In September 2014, J&K experienced torrential monsoon rains in the region causing major flooding and landslides. The continuous spell of rains caused Jhelum and Chenab Rivers as well as many other streams/tributaries to flow above the danger mark. The Jhelum River 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 urban Srinagar stayed flooded for 28 days. Water levels were as high as 27 feet in many parts of Srinagar. The areas from the main tributaries of river Jhelum vis-à-vis Brengi nallah, Vishav nallah, Lider nallah and Sandran nallah started overflowing due to the heavy rainfall causing water levels in Jhelum river to rise. Subsequently, the discharge of the river Suran was 200 thousand cusecs as against an average of 50 thousand cusecs. With the excessive discharge of water, the river Suran affected the basin areas and also took a different course at various locations causing damages to the surrounding villages in the catchment area. Water levels also increased in the rivers of Chenab and Tawi, both of which were flowing above normal levels. Due to the rivers overflowing nearly 20 districts of the State were impacted.

A Joint team led by the Department of Economic Affairs (DEA), GoI, with representation from the World Bank visited J&K on October 21, 2014. Subsequently, GoI has sent a request to the World Bank on January 5, 2015 to field a Joint Rapid Damage and Needs Assessment (RDNA) Mission within the State. Based on the 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.

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)

## **1.2 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.

## **1.3 Sub-project Background:**

The component 1 of "Jhelum and Tawi Flood Disaster Recovery Project" is to support the reconstruction/restoration of damaged public buildings, such as hospitals, schools, higher education buildings, 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 hospitals, the reconstruction will be focused on replacement of damaged specialized medical equipment, setting up specialized equipment on higher levels which will entail strengthening the structural integrity of buildings in order to be able to sustain the heavy load. For some hospitals, special diagnostics and pathology sections/extensions will be built since existing structures will be unable to sustain the load of heavy equipment on higher levels. Some older hospitals will also require retrofitting in order to ensure seismic resistance. The component will also finance the repair and reconstruction of damaged schools, higher education buildings, fire station, and other public buildings, including the procurement of equipment/furniture, etc.

Under this component the subproject "Construction of Government Boys Higher Secondary School at Jawahar Nagar, Srinagar" has been proposed.

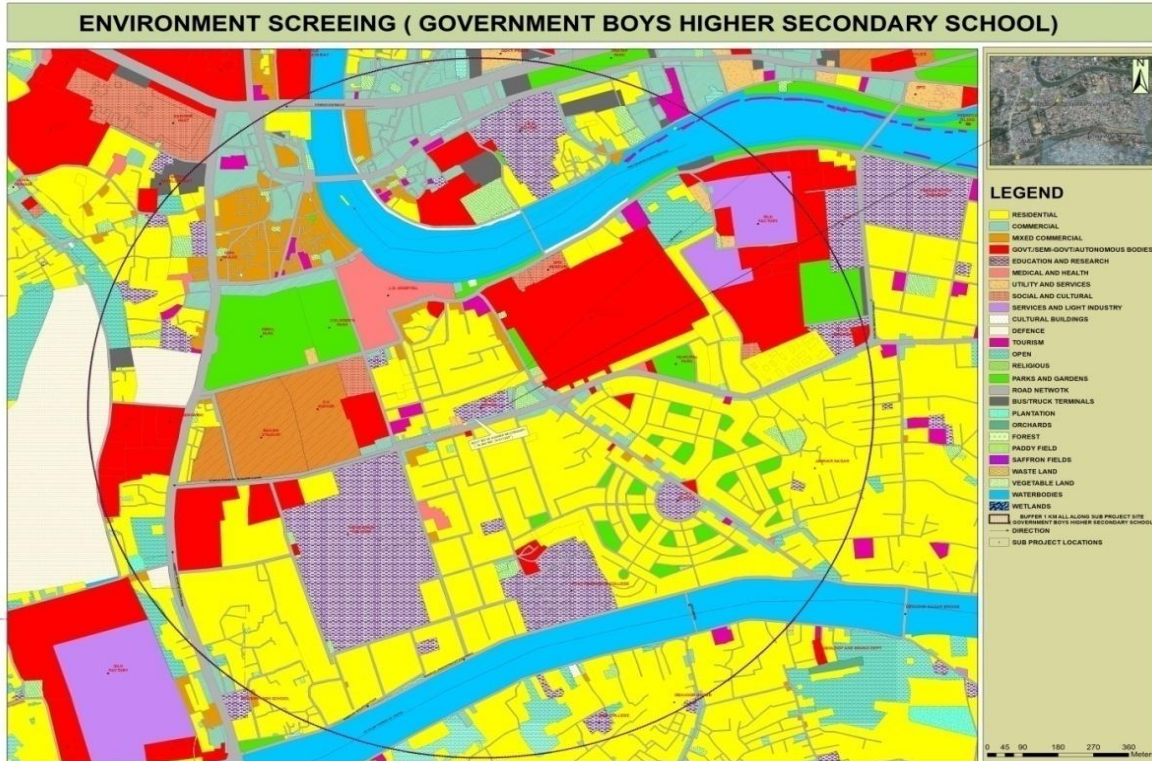
This report covers the Environment and Social Screening study of Government Boys Higher Secondary School at Jawahar Nagar, Srinagar.

## **1.4 Sub- Project Description**

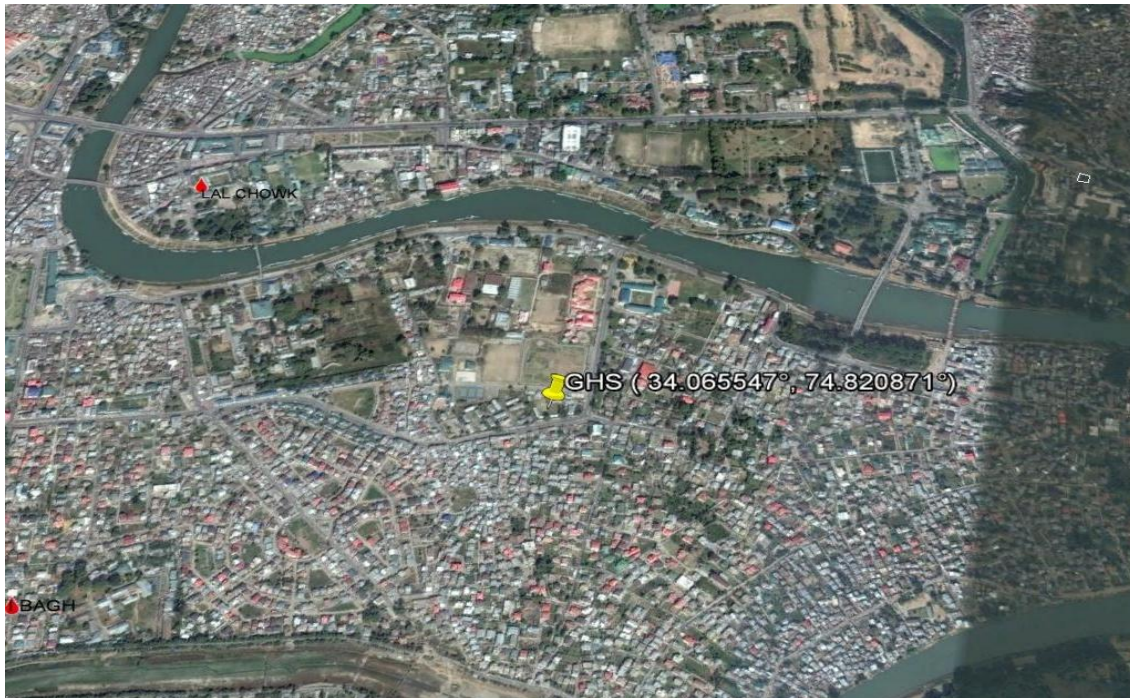
Government Boys Higher Secondary School located at Jawahar Nagar, Srinagar also known as Old Hospital School is one of the founding educational institutions of Srinagar city. This institution has enlightened thousands of souls over past many decades and has contributed a lot in the field of education. Approximately 1100 students are currently enrolled in this institution. During devastating flood of September, 2014 the school infrastructure got badly damaged as few structures got

fully damaged with the result the school authorities are facing great inconvenience in conducting various education related activities due to lack of adequate infrastructure. Furthermore, for restoring/ reconstructing/augmenting the school infrastructure; the Principal of the school has underlined in black & white the requirements and accommodations needed by the Institution in the proposed structure vide letter No: 261 Dated 24.10.2016 and has stated that the old damaged structure where the new proposed building is to be constructed has been declared unsafe and needs to be knocked down.

The proposed sub-project will have a three storied building with an auditorium in ground floor, library/classroom in first floor and examination hall/classroom in second floor that will cater to the immediate needs of the school. It will benefit whole population in the adjoining areas of this institution. The proposed building with plinth area of 2304 sq. feet will be constructed within the premises of Jawahar Nagar School after demolition of a damaged/dilapidated building affected by flood of 2014.



**Fig. 1: Location of proposed site on Satellite Map**



**Fig. 2: Location of proposed site on Google Map**

### 1.5 Objective of Environment and Social Screening Study

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. The environmental and Social screening is done through evaluation of all the available information on environmental and social aspects as provided in the ESDS, assessment of level of expected environmental and social impacts based on field visits, to classify the sub-projects as Category1 E1 or E2 for environment and S1 or S2 for social assessment respectively as per ESMF.. For E2 and S2 category projects, the design consultants will prepare Environmental and Social Management Plan (ESMP) is required along with the DPR. While as for E1 and S1 category projects, the design consultants will prepare comprehensive Environment and Social Management Plans prior to preparation of DPR.

<sup>1</sup> *Categorization: In order to give an indication of scale and size of environmental and social impacts, the sub projects are categorized. This categorization is required to carry out the appropriate level of assessments for different types of sub-projects based on the nature, scale and magnitude of their social and environmental impacts. Categorization would help in focusing time and effort in sub-projects that have significant impacts.*

## **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 (**Annexure-I**) that contains the relevant questions for identification of anticipated environment and social impacts due to execution of the subproject.

## **2. Environment and Social Impacts**

### **2.1 Environmental Impacts:**

A slight increase in local air pollution due to demolishing of old damaged school building structure and other associated construction activities is anticipated. This impact shall be temporary, site specific and reversible in nature. Based on the findings during survey, there are no 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 needs to be undertaken. No scheduled tree viz., Chinar, Deodar, Mulberry and walnut tree cutting is involved for the proposed construction of school building sub-project. Environmental Management Plan (EMP) will be developed to 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 EMP will be included in the bid documents and will be further reviewed and updated during implementation. The EMP will be included in the contractual clauses and will be made binding on all contractors operating on site. Non-compliance with, or any deviation from the conditions set out in this document constitutes a failure in compliance. Any requirements for corrective action will be reported to the World Bank.

### **2.2 Social Impacts:**

#### **2.2.1 Impact of land**

The proposed subproject does not involve any land acquisition, as the execution of the sub-project shall be carried out on site of an old damaged building, which shall be demolished. Hence, there are no significant social impacts, and therefore no specific study on social safeguards or detailed Social Impact Assessment (SIA) needs to be undertaken.

#### **2.2.2 Impact on Livelihood**

As per the screening study, sub-project does not have any significant social impacts. There is no adverse impact on the livelihood as the building will be constructed by demolishing an old building. The sub-project during the course of its execution will help to generate employment opportunities for the local people in terms of required labour and for watch and ward purposes.



### 3. Public Consultation

Public consultation was conducted at the project location on 12-11-2016 and 07-08-2017 in different forms like one to one consultation, group discussions etc., as part of environment and social screening study. During the consultations the people were explained the various impacts of the project. They were also explained about the potentiality of the project to generate employment opportunities for local labour during the construction stage. The participants of these consultation included students, teachers and residents of adjoining areas.

During the consultation process, local people, students and teachers expressed keen interest about the proposed subproject. People in general were very enthusiastic about the benefits of the subproject. Staff, students and people in community are aware about the proposed subproject work. The major problems faced by concerned people are related to damaged condition of existing school building. People are ready to extend all types of support during execution of the subproject. The people are aware of this fact that the project during construction stage will generate employment opportunities for local people. The finding of public consultation is given in below table 1. Public Consultation will be a continuous process through the project cycle.

**Table 1: Details of Public Consultation**

Location/ Agency	Date	No. of Participants	Response from the community	Action required
Outside School Premises (Jawhar Nagar Area)  Executing Agency: JKPCC	12-11-2016	92	<p>People in general were very enthusiastic about the benefits of the subproject. People in community are aware about the proposed subproject work. Few key points and suggestions of the people consulted are enumerated below:</p> <ul style="list-style-type: none"> <li>• Demolition of the existing damaged building should be carried out during winter vacations.</li> <li>• Proper dust</li> </ul>	JKPCC ensured that the requisite environmental management measures shall be incorporated in EMP and public consultation shall be a regular process during all stages of the subproject execution to solve any issues arising out of proposed works.

			<p>suppression measures must be put in place during construction phase.</p> <ul style="list-style-type: none"> <li>• Proper and timely disposal of construction wastes should be ensured.</li> </ul>	
<p>Inside School Premise (Jawhar Nagar)</p>	<p>07-08-2017</p>	<p>102</p>	<ul style="list-style-type: none"> <li>• Staff, students and people in community are aware about the proposed subproject work. Suggestions put forth by School staff, Students and other non-teaching staff members consulted is enumerated below:</li> <li>• Construction material should be transported during night hours or after working hours of school.</li> <li>• Labour camp should be established outside school premises.</li> <li>• Noise generating activities should be scheduled before or after school working hours.</li> <li>• Construction zone must be properly barricaded to</li> </ul>	<p>JKPCC ensured that the requisite environmental management measures shall be incorporated in EMP and public consultation shall be a regular process during all stages of the subproject execution to solve any issues arising out of proposed works.</p>

			<p>avoid interference of project activity with the day to day functioning of school.</p>	
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**Feedback received**

JKPCC ensured that the requisite environmental management measures shall be incorporated in EMP and public consultation shall be a regular process during all stages of the subproject execution to solve any issues arising out of proposed works. The GRM cell will be formed before the start of construction work.

## Environment and Social Screening Form

### Part A: General Information

<b>1. Name of the sub-project</b>	Construction of Govt. Boys Hr. Sec School at Jawahar, Nagar, Srinagar	
<b>2. Type of proposed activity</b> (tick the applicable option and provide details)		
▪ Road		-
▪ Bridge		-
▪ Fire Station		-
▪ Hospital/Health Facility		-
▪ Educational Institute		√
▪ Building for Livelihoods		-
▪ Flood Infrastructure Related		-
▪ Other Public Building		-
▪ Any Other (Please Specify)		-
<b>3. Location of the proposed sub-project</b>		
▪ Name of the Region	Kashmir (J&K State)	
▪ Name of the District	Srinagar	
▪ Name of the Block	Srinagar	
▪ Name of the Settlement	Jawahir Nagar	
▪ Latitude	34.063769 <sup>0</sup>	
▪ Longitude	74.811092 <sup>0</sup>	
<b>4a. Proposed Nature of Work</b> (tick the applicable options)		

▪ Minor Repairs	-
▪ Major Repairs/Rehabilitation	-
▪ Upgrading/Major Improvement	-
▪ Expansion of the facility	-
▪ New Construction	√
▪ Any Other	-
<b>4b. Size of the sub-project</b> (approx. area in sq. mt/hac or length in mt/km, as relevant)	96 feet (29.261m)x 24 (7.315 m) feet = 2304 sq feet (214.04 sq.mt)
<b>5. Land Requirement (in hac./sq.mt.)</b>	
▪ Total Requirement	Nil
▪ Private Land	Nil
▪ Govt. Land	Nil
▪ Forest Land	Nil
<b>6. Implementing Agency Details (sub-project level)</b>	
▪ Name of the Department/Agency	J&K Projects Construction Corporation Ltd. (JKPCC)
▪ Name of the contact person	Er. Imtiyaz Khaliq Bhat
▪ Designation	Deputy General Manager (DGM)
▪ Contact Number	+91-9419059189
▪ E-mail Id	<a href="mailto:dgm2srinagar@jkpcc.com">dgm2srinagar@jkpcc.com</a>
<b>7. Screening Exercise Details</b>	
▪ Date on which it was carried out	12/11/2016 & 07/08/2017
▪ Name of the Person	Sakib Qadri
▪ Contact Number	+91 94 69 240260
▪ E-mail Id	<a href="mailto:sakibqadri@gmail.com">sakibqadri@gmail.com</a>

**Part B (1): Environment Screening**

Question	Yes	No	Details
<b>1. Is the sub-project located in whole or part within 1 km of the following environmentally sensitive areas?</b>			
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	River Jhelum and Flood spill Channel are within 1Km radius of the subproject site
<b>Question</b>	<b>Yes</b>	<b>No</b>	<b>Details</b>
o. Swamps/Mudflats		No	
p. Zoological Park		No	
q. Botanical Garden		No	
<b>4. Is the sub-project located in whole or part within 500 mts. of any of the following sensitive features?</b>			
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?	17 feet		

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	

<b>Part B (2) : Result/Outcome of Environmental Screening Exercise</b>		
1.	Environment Impact Assessment	No
2.	Environment Clearance Required	No
3.	Forest land Clearance/Diversion	No
4.	Tree Cutting Permission Required	No
5.	ASI (Centre/State) Permission Required	No
6.	Permission from ULB/Local Body/Department Required	Building permission is required to be obtained from Srinagar Municipal Corporation (SMC).
7	Any other clearance/permission required	Consent to Establish (CTE) and Consent to Operate from SPCB will be required for Batch Mix Plants, Stone Crushers etc. PUC's and other fitness certificates of equipment etc. as required on site.



**Part C (1): Social Screening**

<b>1. Does the sub-project activity require acquisition of land?</b>			
Yes		No	✓
Give the following details:	Private Land (sqmts/hac.)		-
	Govt. Land (sqmts/hac.)		-
	Forest Land (sqmts/hac.)		-
<b>2. Does the proposed sub-project activity result in demolition/removal of existing structures?</b>			
Yes	✓	No	
If so, give the following details:			
Number of public structures/buildings		Existing damaged old School Building Structure needs to be demolished	
Number of common property resources (such as religious/cultural/drinking water/wells/etc.)		-	
Number of private structures (located on private or public land)		-	
<b>3. Does the proposed project activity result in loss of crops/trees?</b>			
Yes		No	✓
<b>4. Does the proposed project activity result in loss of direct livelihood/employment?</b>			
Yes		No	✓

<b>5. Does the proposed activity result in loss of community forest/pastures on which nearby residents/local population are dependent?</b>			
Yes		No	✓
If yes, give the details of the extent of area to be lost (in acres/hac)			
<b>6. Does the proposed project activity affect scheduled tribe/caste communities?</b>			
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	The project do not require any land acquisition
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)	There is no affected person due to the sub-project.
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)	There is no affected person due to the sub-project.

**Overall Screening Outcome:**

The proposed sub-project will not have any significant environmental & social impact because the project will not involve, diversion of forest land, destruction of ecological resources, displacement of people, acquisition of private land/removal of existing structures and major Environmental threat/risk etc. The proposed subproject does not involve any land acquisition, as the execution of the sub-project shall be carried out on site of an old damaged building, which shall be demolished. Hence, there are no significant social impacts, and therefore no further special study or detailed/social impact assessment needs to be undertaken.

There may also be some short term inconvenience to the students, teachers and school authorities due to construction of the new block but it will be for very short period if compared with its long term benefits.

**No EIA and SIA required for the subproject site.**

**Statutory Clearances/ No Objection Certificate:**

Since this is only the construction of school building in the existing premises of school, which is operational and under use for decades and the site is under possession of Govt. for long time, therefore all the statutory clearances have already been obtained at the time of its commencement, however, NOC in the form building permission required to be obtained from concerned department (SMC).

**Photographs of Sub-project site**



**Main gate of Jawahir Nagar School**



**Existing damaged building in school premises**



**Existing damaged building**



**Existing damaged building**



Existing damaged building



Existing damaged building in school premises



Public Consultation at School premises



Public Consultation at School premises



Consultation with School Staff



Consultation with School Staff



Consultation with School Students

Consultation with School Students

Public Consultation Record

Dated 07/08/2017

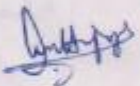


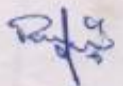
INTERACTION HELD WITH  
 THE FOLLOWING STUDENTS  
 AT Govt. Hr. Sec. School  
 Jawahar Nagar Sgr.

Faisal Ahmed	class 10th	9396037294
Vishal	- do -	8493079965
Omar	- do -	9419400009
Faisal Rashid	- do -	7006781403
Aqib Javed	- do -	7298930289
Mohd Arif	11th	7089305124
Sameer	11th	700600577
Aqib	11th	—
Sajid Ahmad	11th	—
Bilal Nahi	10th	—



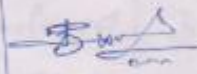
Zaman Khasan  
School

D/ 12/11/2016

Jauharin Najjar School. Subproject

Sno	Name & Address	Occupation	Phone details	Signature
1.	Trukulam Mohd. uolin No Habibullah No fangwa No Butamaleo	Sr. Lecturer	9776561089	.
2.	Dr. Armgaa No Janveer Qureshi No wanabal.	Lecturer in Sociology		
3.	Rajindora Hour No. Manhar Singh	Lecturer in Chemistry		
4.	Shabnum Taba Khum	master lecturer in		7. 
5.	Ruhail Ahmed Shah No Bashir M. Shah No Sonteng Kasjan	Student	9777806222	



6	Mansoor Amin Paltar No. Kato Abdul Khelid R/o Nankpur	Lecturer in Education		
7	Shamim As Razi No. Ab. Gani Bani	Lecturer Geog.		
8	Shawkat Hussain	Lecturer in Commerce	97963608021	
9	Yasir magry No. Abdul Rahim magry R/o Compara	Teacher		