

Environmental Monitoring Report

Bi-annual Environmental Monitoring Report
July 2015

Loan 3121-PAK: National Trade Corridor Highway Investment Program-Tranche II

Prepared by National Highways Authority for the Asian Development Bank.

NOTES

- (i) The fiscal year (FY) of the Government of the Islamic Republic of Pakistan and its agencies ends on 30 June.
- (ii) In this report, "\$" refers to US dollars.

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Bi-annual Environmental Monitoring Report

CONSTRUCTION OF HASSANABDAL (BURHAN)- HAVELIAN (SAMLAILA) EXPRESSWAY SECTION OF E-35

March-June 2015

Islamic Republic of Pakistan

Financed by: Asian Development Bank and Government of the Pakistan

Project Number: 3121-PAK

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For: **National Highway Authority HQ Islamabad**

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Asian Development Bank

LIST OF ABBREVIATIONS

ADB	Asian Development Bank
BEPR	Biannual Environmental Progress Report
BMP	Best Management Practices
CGGC-AM JV	China Gehzouba Group Company-Amin Jan Associate Joint Venture
CO	Carbon monoxide
dB	deci Bell
DCO	District Coordination Officer
DCP	Dry Chemical Powder
DPO	District Police Officer
DCS	Design Supervision Consultant
DTR	Daily Time Register
EC	European Community
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
EPA	Environmental Protection Agency
GFP	Grievance Focal Person
GRC	Grievance Redressal Committee
GRM	Grievance Redressal Mechanism
HSE	Health, Safety and Environment
KKH	Karakoram Highway
LAC	Land Acquisition Collector
Leq	Loudness equivalent
MVEs	Motor Vehicle Examiners
ND	Not detectable
NEQS	National Environmental Quality Standards
NGVS	No Guideline Values
NHA	National Highway Authority
NO2	Nitrogen dioxide
NOC	No Objection Certificate
PAPs	Project Affected Persons
PRM	Progress Review Meeting.
ROW	Right Of Way
SC	Supervision Consultants
SPS	Safeguards Policy Statement
SO2	Sulfur dioxide
SSEMP	Site Specific Environmental Management Plan
TDS	Total Dissolved Solids
PEPA	Pakistan Environmental Protection Action
PM	Particulate Matter
PPE	Personal Protective Equipment
RD	Running distance
VECs	Valued Environmental Components
WHO	World Health Organization

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1. INTRODUCTION;

This is first Biannual Environmental Progress Report of Project “Construction of Hassanabdal (Burhan)-Havelian (Samlaila) Expressway Section of E-35 This BEPR provides the overall status of implementation of Environmental Safeguards including ADB Environmental Policies, EIA, EMP/SSEMP and Environmental NOC received from EPA EMP and subcomponents of SSEMP such as Borrow areas Management, Temporary Traffic Management under Item 607 of Contract, Solid Waste Management and Instrumental Monitoring of Environmental Parameters etc. of the Package 1 & 2 of E35 for March to June 2015 while package 3 is yet not started to date.

1.1. Project Background

The existing Hassanabdal – Mansehra Road is an important part of the entire communication network of Khyber Pukhtunkhwa and Northern Areas which links with Azad Jammu & Kashmir, Kaghan Valley and China via “Karakoram Highway (KKH)”. Existing Hassanabdal - Mansehra Road is a two-lane single carriageway road with a width of 7.3 meters.

To support sustained growth and increase competitiveness, Government of Pakistan (GOP) has taken a strategic approach to the transportation and has launched a major initiative to improve the trade and transport logistics chain in KPK and Punjab. National Highway Authority (NHA) planned to construct Hassanabdal -Mansehra Expressway (E-35) as a part of “National Trade Corridor (NTC)” Project. The proposed project is financed by the “Asian Development Bank (ADB)” and Government of Pakistan.

This Express Highway project is entitled as “Hassanabdal – Havelian section of E-35” is a new highway alignment which starts from Burhan Interchange of Islamabad-Peshawar Motorway (M-1) and finally alignment is ended at Havelian near Hazara University of Hazara Campus. This Project will connect and facilitate three districts namely Attack, Haripur and Abbottabad. It curves away to north-west of existing N-35 passing near Shin Gali and Jabbar and then curves back passing near Kuldarra, Chhaprian & Kalu Pind and finally crosses existing N-35 at Jarikas. From here, it again curves away to north-east of existing N-35 crossing Hattar and Khanpur Roads at Kot Najeebullah and Chichian respectively. Finally, the alignment ends at Havelian near Hazara University, Havelian Campus. Total length of the E-35 alignment (Hassanabdal - Havelian Section) is 58.6 Km with total Right of Way (ROW) of 80m. The design speed of the Expressway E35 is 100 Km/hr. The new expressway is intended to provide a safe, quick and more efficient passage to KKH/ Northern areas and China via KKH.

The new expressway E35 is intended to provide a safe, quick and more efficient passage to KKH/ Northern areas and China via KKH. It will be a limited access, four-lane dual carriageway facility. It is located in mostly plain and partly hilly terrain

Express Highway project (58.6 km) is envisaged to be implemented in three packages presented as follows;

Package-I : 20.3 Km (Burhan - Jarikas)

Package-II : 19.2 Km (Jarikas - Sarai Saleh)

Package-III : 19.1 Km (Sarai Saleh - Havelian)

Currently two packages (1 & 2) have been commenced for construction. Express Highway (E-35) the construction of Express Highway E35 Burhan to Havelian is a Project under the “Pakistan

National Trade Corridor Highway Investment Program–Tranche 2 (Hassanabdal–Havelian Section)” of the Government of Pakistan sponsored/ funded by the Asian Development Bank (ADB). The National Highway Authority is the Client of the Project and the key responsible Government Department.

1.1.1. Package 1

Section of Package-I of E35 starts from 5km from Burhan Interchange towards Peshawar Motorway and ended at Jarikas with total 20.40km length. The proposed Express Highway Package-I of E-35 Project comprises the construction of four lane carriageway from Burhan to Jarikas. Main carriageway will be supported with inner shoulders of 1.00m and outer sides 2.50m. The outer shoulder of each carriageway will be 2.500 meter wide.

1.1.2. Package 2

Section of Package-II of E35 starts from 2 km from Jarikas toward Link road N-35 Crossing Hattar Haripur & Khanpur Road and ends at Sarai Saleh with 19.211 km length. The proposed Express Highway Package-II of E-35 Project comprises the construction of four lane carriageway from Jarikas to Sarai Saleh. The carriageway will include shoulders at inner 1.00m and outer sides 2.50m. The outer shoulder of each carriageway will be 2.500 meter wide. The proposed Express Highway will be divided in three construction packages.

1.2. Change in Scope of Work of Expressway from 4 Lanes to 6 Lanes

NHA Chairman has advised the Engineer to proceed for 6 lanes box culverts and in future overall motorway will be of 6 lanes but let NHA check and evaluate the variation orders of over change in scope of work. This instruction was issued in June 2015 after a meeting of NHA Chairman in Burhan office in May 2015.

1.3. Mobilization of Supervisory Consultant M/s Dohwa and JVs

The Lead Design Review & Construction Supervision Consultant is M/s DOHWA Engineering Co. Ltd in association with M/s Engineering & Management Services (Pvt) Ltd., Pakistan, and M/s Prime Engineering & Testing Consultants (Pvt) Ltd. Consultant was mobilized on 4th February 2015 by NHA HQ Islamabad.

1.4. Mobilization of Contractor M/s CGGC and Associated JVs on site

The Project's Construction Contractor is M/s China Gezhouba Group Company Limited in association with M/s Ghulam Rasool Company (GRC) and M/s Amin Jan Construction Company. Contractor CGGC and Associated JVs were mobilized on 5th March 2015. The Engineer had issued commencement letter to contractor.

1.5. Environmental Impact Assessment (EIA) and Environmental Approval from EPA

As per requirement of ADB Environmental Safeguard Policy Statement June 2009 and Pakistan Environmental Protection Act (PEPA) 1997 and IEE and EIA Regulation 2000, NHA has carried out Environmental Impact Assessment (EIA) and got approval from ADB and Environmental Protection Agency (EPA). NHA has issued the Environmental NOC/Approval, received from EPA for all three Packages to the Engineer. The Engineer's Environmental Specialist has carefully reviewed this Environmental Approval and accordingly advising the Contractor for Compliance. There were twelve

conditions/terms/actions issued with approval for project proponent to implement and follow-up during the construction and operational phase of project. Details of terms and conditions are as follows;

- a) The proponent will adopt all precautionary and mitigation measures identified in EIA Report as well as any unanticipated impacts during the construction and operational phase of project. (This term and condition is followed by Contractor as advised by the Engineer). EMP is incorporated in contract document.
- b) The Proponent must submit bi-monthly compliance report. (Monthly Environmental Progress Reports are produced by Contractor and the Engineer. The Engineer has forwarded monthly environmental progress report of May 2015 to NHA for review and advise. Further Biannual Report will be prepared by the Engineer and will be submitted to NHA for onward action. Biannual Environmental Progress report will be submitted to ADB as per requirement.
- c) Land acquisition and resettlement plan must be submitted to this Agency before starting the physical work. (There is a separate team for this task appointed by NHA and NHA will submit this report)
- d) Afforestation plan must be provided to this Agency before the physical work is started on the site.
- e) Proper retaining and breast wall should be constructed where needed. (This requirement is already included in scope of work of project.)
- f) Camp site must be located at least 500 meters away from the residential area. This measure is followed for all camps and plants facilities package 1.
- g) Regular sprinkling of water for the control of dust pollution during the construction phase must be maintained. (Water Sprinkling is in practice and on any non-compliance observation, contractor is advised for correction by the Engineer through official letters issued to CGGC-GRC (JV)
- h)). Proper culverts must be constructed for the rainy water. (59 Box Culverts are included in scope of work to fulfill this requirement). Work on these box culverts is in practice.
- i) EMP mentioned in EIA report is completely incorporated in Contract document duly signed and accepted by Contractor CGGC-GRC (JV).
- j) Number of affected business, houses, trees, agricultural land/crops and their compensation plan must be provided to the Agency before starting the physical work. (NHA task- NHA has already appointed a complete team of 10 members for social safeguards).
- k) Non-technical jobs must be provided to the local people in the area. (Already done and in practice).
- l) Preference should be given to the local people in technical jobs. (In practice by Contractor and Consultant).

1.6. Site Specific Environmental Management Plan (SSEMP) of Package 1 & 2

Pursuant to requirement of Project Contract document clause 4.18, Consultancy ToR of Engineer, EIA requirement the Site Specific Environmental Management Plans have been prepared with the intention of fulfilling the requirements of the environmental clearance conditions of the Package-I: - Burhan to Jarikas Section and Package 2 Jarikas to Sarai Saleh of Hassanabdal-Havelian Section

of as part of National Trade Corridor (NTC) Projects from the Asian Development Bank. Final SSEMP of both packages have been submitted by NHA to Asian Development Bank in May 2015. Site Specific Environmental Management Plan of both packages is under implementation.

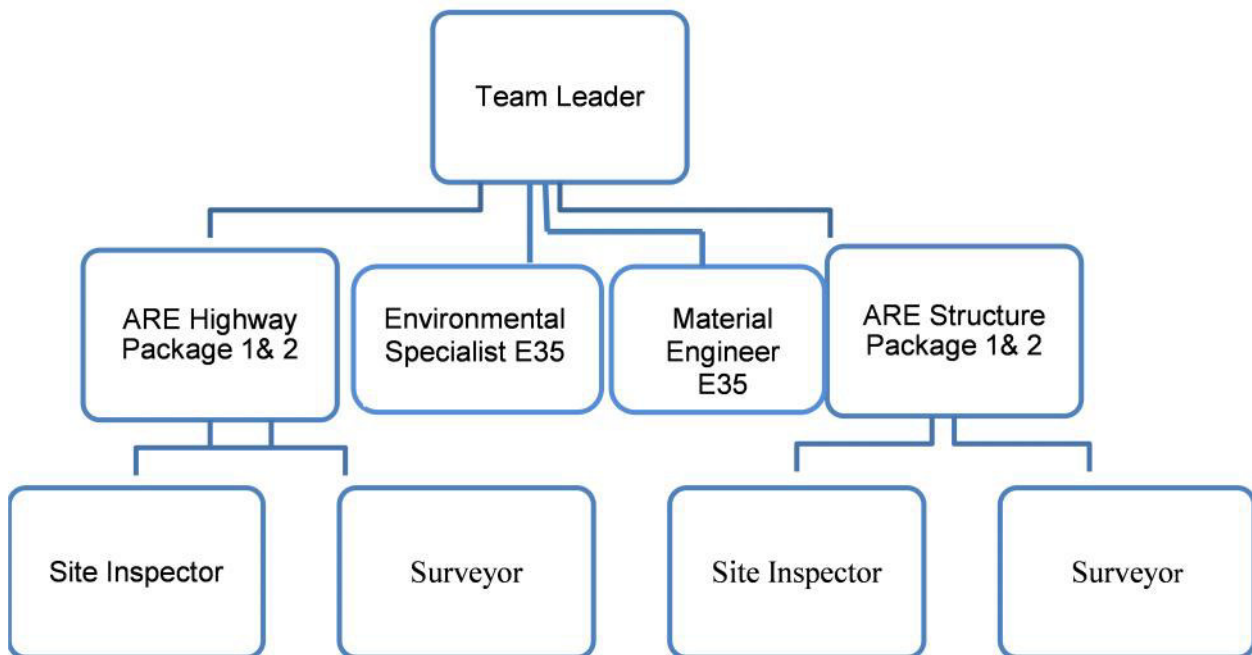
Contractor has followed and implement ADB Environmental Safeguards June 2009, Contract Clauses 6.6; Facilities for Staff and Labours 6.7, Health & Safety, 6.21 Child Labour, 6.4; Labour Law, and 6.5 working hours and 607.-Temporary Traffic management during construction phase of project.

1.7. Project Data

Project Name	Construction of Hassanabdal (Burhan)-Havelian (Samlaila) Expressway Section of E-35	
Employer	National Highway Authority	
Project Location	Districts Attock (Punjab) and Haripur (KPK)	
Project Start Date	March 5,2015	
Project stipulated End Date	March 4,2017	
Project Funding Source	ADB Loan No. 3121-PAK	
	GOP	
Feasibility and Design Consultant	NESPAK	
Project Features		
Packages Details	Package 1	(Package 2)
Length in KMs	20.400	19.211
Flyovers	3	4
Bridges	12	6
Underpass	8	6
Box Culverts	53	
General	4 Lane Fenced Expressway with 120 Km/hr speed design	4 Lane Fenced Expressway with 120 Km/hr speed design
Employer's Representative	GM (E-35) NHA	
Engineer/Team Leader	Kang, Ik-Man	
Appointment of Engineer	1(9)/GM(E-35)/NHA/2015/05 dated 13 th February 2015	

Consultant	DOHWA ENGINEERING CO. LTD <i>in association with</i> EMS & PRIME ENGINEERING	
Consultant's Mobilization Date	4 th February 2015	
Design Review	Six (06) weeks from 4 th February 2015 to 22 nd March 2015	
Construction Contracts	Contractor	Contract Price
Package 1	M/s CGGC – GRC JV	Rs.7,376,968,486
Package 2	M/s CGGC – AM Associates JV	Rs. 6,775,233,160
Construction Contract Commencement Date	March 5,2015	Construction Contract Completion Date
Defect Liability Period	365 days	March 4,2017

1.8. Organizational Chart of Consultant staff



2. PROGRESS OF CONSTRUCTION CONTRACTS

Construction Phase of project is already started as the Engineer has issued the commencement letter to contractor M/s CGGC and associated joint venture partners. Currently two packages out of three are under construction. Package 1 and Package 2 are under construction and physical work progress will be described here with separate headings.

2.1. Physical Work Progress of Package 1 by end of June 2015

2.1.1. Earth Work on Package 1

Item No	Description	Total	Completed	Balance	Work in progress at Chainage
101	Clearing and Grubbing (m ²)	1,501,512	1,501,512	0	Completed
104	Compaction of natural ground (m ²)	1,501,512	1,501,512	0	Completed
106 a,b,c	Road Excavation (Unsuitable/common surplus material) (m ³)	99,180	83,920	15,260	In progress
108 a,b,c	Formation of Embankment (All Type) (m ³)	2,500,000	1,129,800	1,370,200	In progress

2.1.2. Structure work on Package 1.

There are total 53 box culverts, 7 underpasses, 15 bridges and 3 flyovers on package 1. Currently 12 box culverts, 3 underpasses and test piles for bridges are under construction.

2.1.3. Reasons for progress delay on Package 1 & 2

- ❖ Delay in provision of construction drawings by the Employer.
- ❖ Change of working time during the Month of Ramdan.
- ❖ Issue of Land Acquisition at one location on package 1. NHA already advise the LAC to resolve it as compensation has been made to project affected persons.
- ❖ Replacement of structure team for expediting work schedule on Package 2.

2.2. Physical Work Progress of Package 2 by end of June 2015

2.2.1. Earth work on Package 2

Item No	Description	Total	Completed	Balance	Work in progress at Chainage
101	Clearing and Grubbing (m ²)	1,127,803	375,370	752,433	In progress
104	Compaction of natural ground (m ²)	1,127,803	367,670	760,133	In progress

Item No	Description	Total	Completed	Balance	Work in progress at Chainage
106 a,b,c	Road Excavation (Unsuitable/common surplus material) (m ³)	90,000	38,000	52,000	In progress
108 a,b,c	Formation of Embankment (All Type) (m ³)	2,202,163	367,972	1,834,191	In progress

2.2.2. Structure work on Package 2

There are total 36 box culverts, 9 underpasses, 11 bridges and 4 flyovers on package 2. Currently 5 box culverts, 1 underpass and test piles for bridges are under construction.

2.3. Project Location Map of Construction of Hassanabdal (Burhan)-Havelian (Samlaila) Expressway Section of E-35

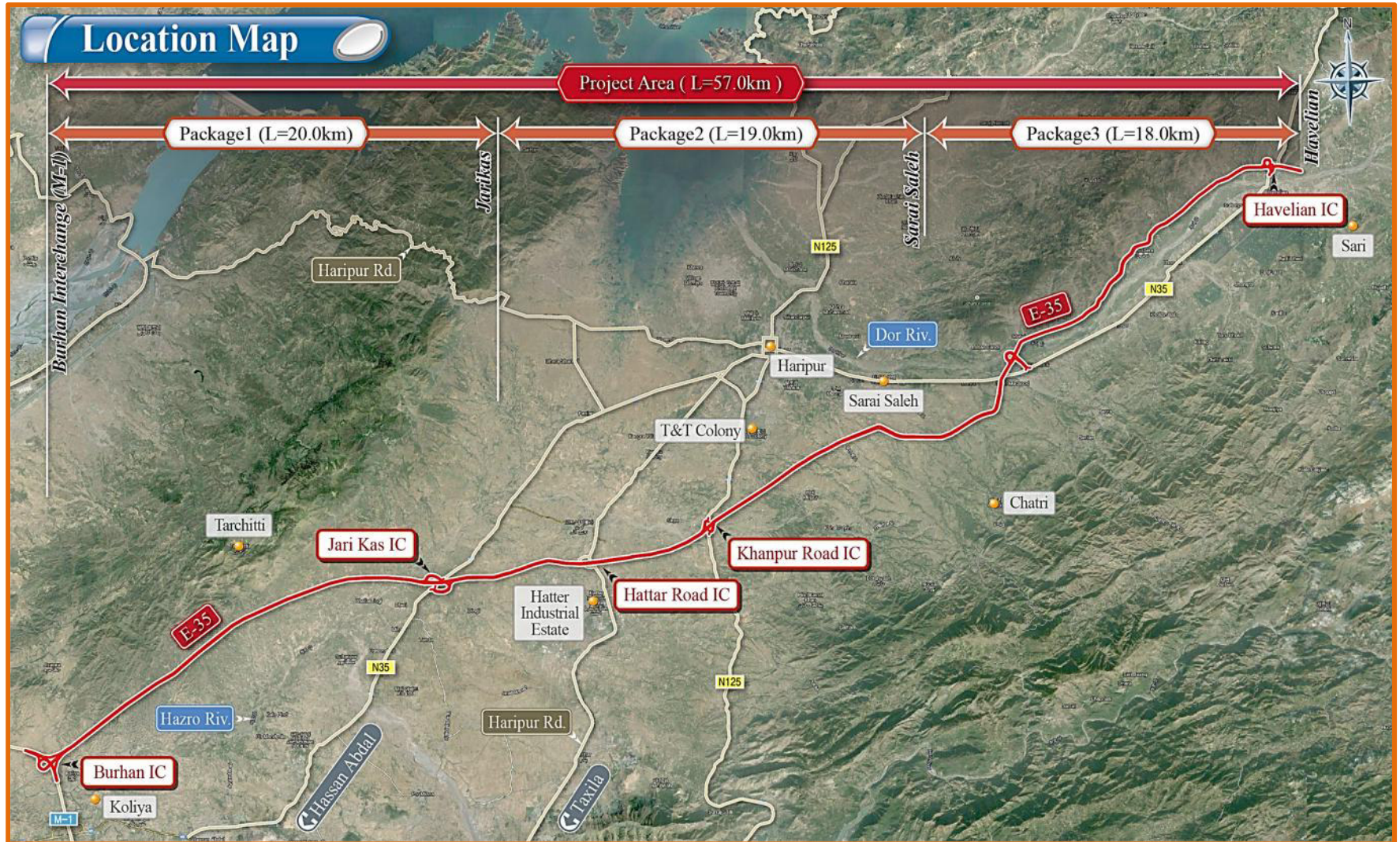


Figure 1 Project Location Map

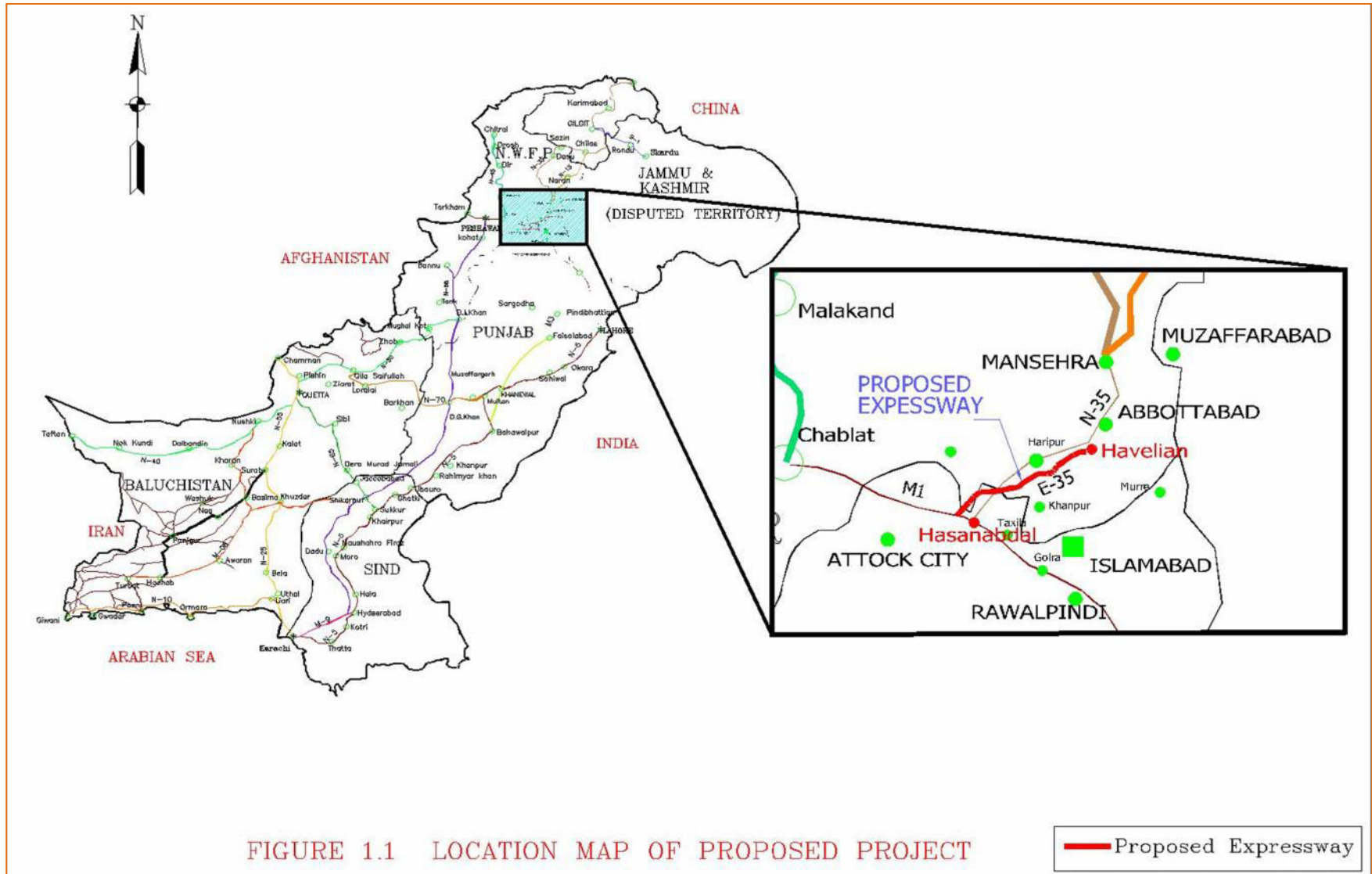


Figure 1.1 Location of Project on Country Map

3. STATUS OF ENVIRONMENTAL MANAGEMENT ON PACKAGE 1 & 2

3.1. Mobilization/Deployment of Environmental Specialist on each package as per EMP and Contract Document

China Gezhouba Group Company Limited in association with M/s Ghulam Rasool Company (GRC) and M/s Amin Jan Construction Company. Contractor CGGC and Associated JVs were mobilized on 5th March 2015. As per requirement of approved EIA and EMP of project and Contract document contractor was advised to appoint environmental specialist on each package for to implement and handle and manage environmental compliance. As Main Contractor is CGGC and local contractor in joint venture are M/s RGC (JV) and M/s AM (JV), Contractor on Package 2 has appoint environmental specialist while on Package 1 Contractor GRC response is not satisfactory.

3.2. Environmental Trainings

First Training session was arranged by Asian Development Bank (ADB) on 23rd April 2015. Consultant staff including the Engineer and Environmental Specialists, NHA Project Director, Deputy Directors, Environment Assistant Directors and Contractor CGGC and JVs and Environmental Specialist of Package 2 have attempted the training session. It was around 5 hours training session held in ADB Country office of Pakistan in Islamabad. Environmental Safeguards of ADB, EIA, SSEMP requirement and EPA requirements were discussed with examples.

The Engineer's Environmental Specialist has advised contractor on Package 1 to appoint Environmental Specialist and HSE Officer as per requirement of EMP and Contract document so that the Engineer can arrange environmental training session as per requirement of SSEMP for all Environmental Specialist, HSE Officer of both package 1 &2. Contractor on Package 1 has not appointed Environmental and HSE staff on site.

Environmental Specialist has started orientation and on sport environmental awareness of contractor's labours and site staff. On Package 2, Mr. Tariq Qureshi Environmental Specialist and HSE Officer Mr. Waqar Khan has started daily tool box talk and initial orientation of workers and staff.

3.3. Environmental Management on Package 1

3.3.1. First Round of Instrumental Monitoring of Environmental Parameters on Package 1

It is advised to contractor that as per requirement of EMP stipulated in contract document of package 1, EIA of this project and Environmental NOC issued by Environmental Protection Agency to NHA on date 19th October 2012, it is mandatory for contractor to carry out

instrumental monitoring of environmental parameters mentioned in EMP. It is repeatedly conveyed to Contractor through official letters that contractor CGGC-GRC will hire a monitoring and testing laboratory for monitoring of environmental parameters. Monitoring will carry out in supervision of Engineer's Environment Team. To date no any action is observed from Contractor side.

3.3.2. Contractor Base Camp site at RD 5+260 for Package 1

Contractor has constructed Construction Base Camp at RD 5+260 with facilities such as accommodation of permanent workers, and some field staff, Workshop area, Fuel Storage area, Main Store, Kitchen for cooking of food for all staff and workers with dining hall, 24 toilets and washrooms, with septic tanks, Steel Yard, Scaffolding and concrete framework area. This Camp is still under construction. Fencing installation around the camp is completed.

Contractor has selected one location for Base Camp and Installation of Batching Plant at 60 Kanal area. Batching Plant and Camp site is provisionally approved by the Engineer with some important conditions/terms to be followed at camp site construction and operation. As Contractor staff has less experience of ADB Project and Environmental Safeguards implementation they started construction of Camp site before approval from the Engineer. The Engineer advised them and guide them for approval according to EIA and SSEMP and Camp will be well away from residential area as advised in EIA and Environmental NOC of EPA. Initially Contractor submitted approval documents to the Engineer but document were deficient in some major items. Contractor is advised finally to resubmit approval document with the following items for formal approval;

- a) A detailed plan of the overall area (to scale) showing the proposed location of the camp and workshop and indicating the distances from the relevant features in the area (road, buildings, watercourses, etc.);
- b) A detailed plan (to scale) of the actual camp, workshop and associated facilities showing the layout of all the facilities, drainage, water and power supply, hard standing areas and traffic movements, etc.
- c) Details of the solid waste disposal, sewage treatment and disposal, water supply, power supply (generation or mains supply), sand and gravel beds for grease traps and equipment washing arrangements;
- d) Details of the title of the land and copies of the purchase and/or lease documents verifying the legal possession of the site and/or the landlord's no objection to the use of the site for the operation of the camp and workshop;
- e) Details of the access road to the camp and workshop and in the case of a public road the consent of the relevant authority to the use of this road for the haulage of the large quantities of materials required and the agreed arrangements for its ongoing maintenance.
- f) Photographs of the site highlighting any of the specific features identified above.
- g) Storage areas for diesel fuel should not be located within 200 meters of watercourses and shall be operated so that no pollutants enter watercourses, either overland or through groundwater seepage, especially during periods of rain. Lubricants/waste oil shall be stored in tanks and shall be placed on impervious floor and recycled/sale if no use at site.
- h) Septic tanks & Soakage pits design and location shall be mentioned on layout plan of camp site. Septic tank & Soakage pit shall be constructing at least 50 meter away from water course. Contractor will show and maintain first aid at camp site. Separate first aid facilities will be provided for batching plant and camp site. Drinking water, air quality, waste water

quality, noise etc. will be monitored as per requirement of EIA and EMP of project approved by EPA and ADB.

3.3.2.1. Status of Camp site by end of June 2015

- Contractor has constructed 6 rooms at camp site. In one room about 10 to 15 people can live easily. Contractor has provided accommodation to more than 200 workers at base camp. Accommodation (barracks) of (20×20feet rooms) is constructed. Tents are still present at camp site. More than 100 workers are living in tents while contractor is advise to provide proper accommodation to all his workers at base camp.
- Housekeeping is improved at camp site and crush (material) is spread at camp site for dust control at walkways and movement routes.
- Contractor has provided two fire extinguishers at fuel storage area, one fire kit is available at laboratory and one fire extinguisher at kitchen.
- Waste water of 24 toilets and washrooms is disposed into septic tanks.
- Fuel is stored in plastic drums and sand is spread on ground for soil protection from spills. Two Fire Extinguishers are provided at camp site near fuel storage area.
- Personal Protective Equipment (PPEs) are provided to workers working at steel yard area and batching plant at RD 5+260.
- First Aid kit is provided at base camp site but still paramedic staff is required at base camp.
- Kitchen is constructed at base camp site and operational. Food quality is checked in each month. Food quality was satisfactory. Water quality test is required as labour are complaining for diarrhea and fever and stomach pain.

Issues to handle at Camp site are (1). Fuel Storage site is yet not properly constructed as required. (2). Workshop area is not provided with concrete floor. (3). Soakage pit at camp site for 24 toilets are yet not constructed. (4). First Aid facilities are deficient at camp site while more than 200 workers are living at camp site. (5). Accommodation in tents is in violation of contract clause 6.6 and SSEMP. Tents are not safe for workers.

3.3.3. Concrete Batching Plant on Package1

Contractor has installed total three concrete batching plants on Package 1 to date.

3.3.3.1. Batching Plant at RD 5+260 on Package 1

Contractor CGGC-GRC has installed one batching plant at RD 5+260 along ROW of E35 Package 1 in April 2015. Plan of batching plant facility was submitted on 11th April 2015 to the Engineer for approval. The Engineer has carefully reviewed the batching plant facility document (technical and environmental) and checked the location of plant facility. The Engineer has issued provisional approval on 18th April 2015 to Contractor with environmental conditional and terms to follow during plant establishment and plant site operation. Contractor has yet not resubmitted the complete plan as advised by the Engineer. Reminder was given in meeting held on 23rd May 2015 in progress review meeting at Burhan. This Concrete Batching Plant is operational for concrete of box culverts and test piles of bridges. Plant site fenced and water retention tank is constructed. Water source for batching plant is water bore hole. Water pump is installed on bore hole. Workers are educated about personal protection through personal protective equipment (PPEs) and dust suppression. Contractor has stored admixture in a tank

and admixture is supplied to plant through a pump and pipe line. Impervious floor and chemical spills is advised to contractor. First Aid is provided at camp site which is utilized for plant labours injuries or first aid cases.

3.3.3.2. Batching Plant at RD 1+000 on Package 1

Contractor had proposed location for another batching plant # 2 at RD 1+000 in May 2015. Location of plant site was inspected by the Engineer's Environmental Team and advised the contractor to submit the plan of batching plant facility, lease agreement of land, layout plans and all environmental compliance details without further delay in June 2015 as location/site is satisfactory. Contractor has started establishment of plant site prior to the Engineer approval.

The Engineer issued an instruction letter for to submit documents as advised by the Engineer and stop the establishment of plant site prior to approval. Contractor's submission for plant facility approval is yet not completed while batching plant is erected by contractor Plant site is a disposal area and contractor has not fully compacted the loose material. In future rain water may damage some portion of the plant facility. Lease agreement of land is missing from contractor. Drainage system of plant site is very important for site safety. Contractor is advised to construct facility of plant according to a proper design and layout plant approved from the Engineer.

3.3.3.3. Installation of Batching Plant # 3 and Camp 2 at RD 14+400 on Package

Contractor has installed batching plant # 3 at RD 14+400 in June 2015. Capacity of batching plant is 1 cubic meter per batch. Contractor has started establishment of camp # 2 at this location. Contractor has submitted the document of this batching plant and camp site. Documents were reviewed and finally issue provisional approval. Plant is operational for concrete of box culvert and under passes.

3.3.4. Management of waste concrete.

It was noted that driver of transit mixer have disposed waste or extra concrete at different locations. Engineer's Representatives has visited plant site and met with all drivers and advised them for to avoid disposal of waste or extra concrete at an authorized location. Contractor is advised to give them one location of disposal of waste or extra concrete and washing yard for transit mixer washing purposes. Further Contractor will remove the already disposed concrete from all locations.

3.3.5. Storage and Utilization of admixtures Altra 470 and Big Sea BCS-8G at Plant

Admixtures material is stored in steel tank at batching plant site. Spillage of Admixture was noted/observed at batching plant in June 2015. Chemical's supply pipe and pump were not working properly and continuous leakage was noted. Engineer's Environmental Specialist and

Material Engineer checked the plant and advised CGGC-GRC for correction and control of spillage and loss of chemical. Leakage was corrected by contractor in end of June 2015 but spillage was not properly removed. Contractor was reminded for removal and treatment of spillages. Contractor is advised for daily inspection/check of plant key parts/section. If some fault or problem is noted then it should correct before operation. Contractor has not appointed environmental specialist, due to which environmental problems are not timely resolved.

3.3.6. Personal Protective Equipment provision to workers and staff on package 1

Safety of all workers and staff on site is key responsibility of contractor as per contract clause 6.7. Personal Protective Equipment (PPEs) including helmets, high visibility jacket and safety shoes to labour at steel yard; workshop area and labour at main store and active construction site are provided by contractor but still some labours have no safety shoes and gloves while they are working at box culverts and fixing steel and scaffolding. Deficiencies of PPEs is monitored and contractor is instructed to provide safety shoes and gloves to workers at steel fixing area of box culvert and all active construction sites.

Pursuant to contract clause 6.7 Health and Safety and EMP Section 8 Environmental Management and Monitoring Plan (Health and Safety of workers at active construction site and camp) the Engineer has advised contractor for ensuring safety of their labours and regular monitoring of PPEs. Engineer has designed monitoring checklist (already sent to Contractor) for monitoring of Health and Safety measures at site on daily basis or on weekly basis;

- In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and
- On second observation all workers and staff without PPEs will be eliminated from the site.

This instruction is under implementation and effective for ensuring personal safety of workers and staff.

3.3.7. Borrow Areas

Contractor had submitted document of six borrow areas on 15th May 2015. Engineer had issued approval of three borrow areas (Borrow area1 at Rd 0+193, Borrow area 2 at RD 0+257 and Borrow area 3 at RD 1+400) on package 1 with letter No Dohwa/NHA/E35/2015/217 dated 24th April 2015. Contractor has utilized these borrow areas and as per instruction of Engineer issued with letter No. Dohwa/NHA/E35/2015/291 dated 5th May 2015 all these borrow areas will be restored. Contractor has further utilized other borrow site without formal approval from the Engineer. Material quality tests have been carried out by Material Engineer. Material was complied with requirement. Contractor is advised to get approval and restore all borrow areas when utilization completed. .

3.3.8. First Aid, HSE Officer and First aider and First aid post (dispensary)

Contractor has arranged three first aid kits and deployed a HSE Officer at camp and batching plant site. Contractor is advised to provide first aid kit at each box culvert and underpass construction site. Contractor has total three first aid kits on project site.

Overall Environmental Performance of Contractor regarding the SSEMP implementation and follow up of Environmental NOC and ADB Safeguards is partially compliance as there are still major deficiencies on their behalf. (1). CGGC-GRC has not appointed Environmental Specialist on site as per requirement of EIA and EMP. (2) Instrumental Monitoring of Environmental Parameters is not carried out while it is mandatory for contractor. (3). Borrow areas are not formally approved from the Engineer. Only three borrow areas are approved. (4). Disposal of unsuitable material is not as per Contract requirement.

3.4. ENVIRONMENTAL MANAGEMENT ON PACKAGE 2

Overall Implementation of Environmental Safeguards and Site Specific EMP on this package is improving day by day due to a good team work of Environmental Team of Consultant, Contractor and NHA.

Contractor CGGC-AM (JV) has appointed Environmental Specialist Mr. Tariq Qureshi and HSE Officer Mr. Waqar Khan on site. Instrumental monitoring of environmental parameter was carried out as per repeatedly advise of the Engineer. Construction work of Package 2 has been started and currently Contractor CGGC-AM is working on clearing and grubbing, embankment formation and filling of RoW with suitable materials from approved 3 borrow areas, excavation of box culvert and steel fixing of box culvert, construction of box culverts.

3.4.1. Weekly Physical and Environmental Progress Review meeting at Burhan by the Engineer

In reporting period several progress review meetings (PRM) regarding physical and environmental progress were held at Burhan Camp. Meetings were attended by Contractor's Project Managers of CGGC-GRC and CGGC-AM and Engineer's Representatives such as Material Engineers, Structure Engineers, Highway Engineer, Environmental Specialist and overall meetings were led by Team Leader of the Engineer. During each meeting held on Saturday or in mid of week, the Environmental safeguards and current ongoing issues or tasks have been discussed with Contractors. Details of Environmental Parameters/components discussed with Contractor are given below for information;

- Correction and resubmission of SSEMP in first two meetings.
- Ensure provision of Personal Protective Equipment (PPEs) to all Staff and Workers on site.
- Installation of sufficient and correct traffic sign boards and tools as per Contract SP 706.

- Instrumental Monitoring of Environmental Parameters as per EMP/SSEMP equipment in June 2015.
- Submission of Borrow areas approval document to the Engineer.
- Water sprinkling at active construction site and on access routes.
- Environmental Compliance Monitoring and correction.
- Checklists are issued to Contractor for filling and submission to the Engineer.
- Provision of First Aid Facilities and Fire Extinguishers at camp and Batching Plant.
- Submission of Monthly Environmental Progress report.
- Borrow areas restoration and keeping proper record of usage.
- Provision of portable and tested water for drinking and cooking at camp site.
- House keeping and protection of labours.

3.4.2. First Round of Instrumental Monitoring of Environmental Parameters on Package 2.

Contractor CGGC-AM (JVs) has carried out instrumental monitoring of environmental parameters such as water quality, air quality, air quality and noise levels as per requirement of Site Specific Environmental Management Plan. Overall results revealed that project construction activities are environment friendly as all results are complied with standards. Results of this monitoring round are attached in annexure 6.

3.4.3. Contractor's Base Camp site at RD 28+200 on Package 2.

Contractor has submitted drawings of camp site with layouts of all offices, accommodation, main store, equipment yard, cement store, fuel storage area, mosque, washrooms, and toilets on 6th May 2015 for final approval from the Engineer. Contractor has started construction of Construction Base Camp at RD 28+200 with facilities such as accommodation of workers, field staff of M/s AM. Workshop area, Fuel Storage area, Main Store, Kitchen for cooking of food for all staff and workers with dining hall, toilets and washrooms, septic tanks and soakage pits, Steel Yard, Scaffolding and concrete framework area. Fencing around the camp is completed.

- Contractor has a first aider/ nurse at camp site with first aid facility. Fire Extinguishers are provided at camp site near kitchen, fuel storage area and store. Details are provided in table below.
- Housekeeping is improved at camp site Solid waste collection drums and waste bins are provided at camp and offices for to ensure solid waste management. Contractor has provided accommodation to 120 workers at base camp. Accommodation (barracks) of (20×20feet rooms) is completed. Septic Tank with Soakage pit is constructed at camp for waste water treatment.
- Fuel was initially stored in plastic drums and sand was spread on ground for soil protection from spills but now as proper oil tanks are arranged at designated place at camp, fuel will be stored in tanks and filling of fuel will be through dispenser.

- Contractor has installed two electric water coolers at Base Camp site for Senior Staff and Labours. Both were checked and found operational.

3.4.4. Status of Safety Measures at Camp and on site (Contract Clause 6.7 and Item 607)

SSEMP Parameters	EMP Compliance required	Status of Compliance
Provision of Personal Protective Equipments (PPE's) to all workers and site staff including Consultant staff and visitors	<p>All workers and staff (Execution and supervision) must be wearing the following PPE's at all work sites. All required PPEs' must be provided to all the workers and staff at camp and working sites the CGGC-AM(JV) as per SSEMP;</p> <ul style="list-style-type: none"> ○ Safety Shoes (hard sole and steel toe, slip resistant) ○ Safety gloves, if required ○ Safety helmet. ○ Dust mask, if required ○ Ear Plugs and Goggles. <p>Engineer has issued several letters regarding provision of PPES to workers.</p>	<p>Contractor has provided Safety Helmets, Safety shoes, Cotton gloves, leather gloves, welding gloves, welding goggles, safety harness to workers Site Supervisors are instructed by the Engineer's Environmental Specialist that they will be responsible for implementation of HSE requirements of their sites.</p> <p>Sufficient PPEs are purchased and provided by CGGC-AM (JV) to workers and still providing as labour strength is increasing day by day due to increasing work progress.</p>
Fire Extinguishers	<p>Fire extinguishers required at the site office, residential areas, electrical power generators, Kitchen area etc.</p>	<ul style="list-style-type: none"> • 01 DCP 25Kg FE provided to electrical power generator being used for Site offices. • 01 DCP 8Kg & 01 6Kg Fire extinguishers provided at site office area. • 01 DCP 8Kg FE provided at kitchen area. • 02 DCP 6Kg FE provided at residential area.
Complaint Register	<p>Adequate complaint registers with proper indication in at camps need to be maintained.</p>	<p>Contractor has maintained a compliant register at camp site. To date no environmental complaint is received from community.</p>

Safety Sign Boards	Safety sign Boards must be placed on at camp and workshop area for the sake of safety of workers and visitors.	Some Safety Sign boards are placed at camp and Steel yard area. Safety sign boards are still under preparation process. Soon will be installed at all the required places.
Camp and Concrete Batching Plant 2 (KM 28+050) Housekeeping	All the material around the Plant & temporary storage area need to be stored properly. Materials stored inside camp and plant area need to be stored in proper order.	Housekeeping inside the camp, plant and temporary storage area has improved now, and maintained on daily basis.
Traffic Management Sign Boards as per Contract Item 607.	Contractor has followed the instruction of the Engineer regarding installation of traffic sign boards as per Contract Item 607-Traffic Management	Contractor has prepared traffic sign boards and installed about 19 sign boards at active sites in ROW for traffic management and intersection areas and further 07 sign boards are also ready for installation.

3.4.5. Concrete Batching Plants on Package 2 at RD 28+050

On Package 2 there are 12 underpasses and 13 Box Culverts and other structure works such as bridges, and 2 interchanges in total length 19.211km. Contractor has submitted document of batching plants to the Engineer on 2nd April 2015 and got approval on 7th April 2015 from the Engineer and installed two concrete batching plants at RD 28+050. Total 2 Concrete Batching Plants have been installed at location 28+050. Plant No. 1 has capacity of 0.5 cubic meters per batch and Batching Plant No. has capacity of 1.5 Cubic Meter per batch. One plant's calibration has been done successfully on 3rd of April 2015. This site of plants has already been approved by the Engineer. Concrete Batching Plant -1 with capacity 0.5 cubic meters is operational for concrete work. Water source is water bore hole. Contractor has installed water pump and water retention tank and water tank is already constructed at both plants.

Water source is water bore hole. Contractor has installed water pump and water retention tank and water tank is already constructed at both plants. Water quality test will be carried out in first week of July 2015.

PPEs are provided to Labours/Workers at Concrete Batching Plant and Environment Team of Engineer and Contractor is regularly monitoring them. A continuous improvement is observed due to regular check and advise of the Engineer and good work of Environmental Specialist of CGGC-AM Mr. Tariq Qureshi.

Air Quality Monitoring is planned on 2nd July 2015 by CGGC-AM (JV) through hiring of M/s SEAL. M/s SEAL is a monitoring/testing laboratory based at Lahore. Contractor has signed agreement with M/s SEAL for second round of monitoring in July 2015.

3.4.5.1. Storage and Utilization of admixtures

An admixture material is stored in drums at camp site and batching plant site. Site of storage is checked for spills and safety purpose. Storage was satisfactory for the time being but for proper storage contractor will prepare a storage area for chemicals at batching plant site.

3.4.6. Emergency procedures and preparedness for handling and control of accidents

The Site incharge/Supervisor, HSE Officer and Environmental Specialist are key responsible person of contractor to train the workers regarding workers safety, active construction site housekeeping, fencing and controlling traffic movements and handling health hazards and emergency and communicating first aid cases during any emergency. Workers working on any active construction site will inform their respective Supervisor/foreman and then Supervisor/foreman communicates to his Site Engineer and HSE Officer. To date there is no accident or major injuries on any active construction site. All workers and site staff have worked safely and there was no health hazard on site in reporting period.

In month of June 2015, during site visit a first aid case was recorded at box culvert construction site. It was a hot and sunny day and time was round about 1:00pm, a labour got allergy on hands. Site Supervise was asked to provide vehicle and first aid treatment to his worker. First aid was provided at camp site by first aider.

3.4.7. Personal Protective Equipment provision to workers and staff on package 2

Safety of all workers and staff on site is key responsibility of contractor as per contract clause 6.7. Personal Protective Equipment (PPEs) including helmets, high visibility jacket and safety shoes to labour at steel yard; workshop area and labour at main store and active construction site are provided by contractor but still some of labours have no safety shoes and gloves while they are working at box culverts and fixing steel and scaffolding. Deficiencies of PPEs is monitored and contractor is instructed to provide safety shoes and gloves to workers at steel fixing area of box culvert and all active construction sites.

Pursuant to contract clause 6.7 Health and Safety and EMP Section 8 Environmental Management and Monitoring Plan (Health and Safety of workers at active construction site and camp) the Engineer has advised contractor for ensuring safety of their labours and regular monitoring of PPEs. Engineer has designed monitoring checklist (already sent to Contractor) for monitoring of Health and Safety measures at site on daily basis or on weekly basis;

- In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and
- On second observation all workers and staff without PPEs will be eliminated from the site.

On 26th May 2015, Engineer's Environmental Specialist had monitored the provision and usage of PPEs, First Aid Facilities and Drinking water availability at active construction site on Package 2. Checklist were filled and officially issued to Contractor CGGC-AM for warning. It had been noted that more than 20 workers/staff of CGGC-AM were working without safety shoes, helmets, high visibility jacket and gloves. On first warning contractor has arranged 250 helmets and 100 high visibility and 100 pair safety Shoes for maximum labours and staff. Regular monitoring was continued from the Engineer side. It is noted that all labour are now well aware about importance of personal protective equipment (PPEs) and all workers are willing to use PPEs on regular basis. It is conveyed to Contractor that on second round of monitoring all your workers /staff without basic safety will be eliminated from our project site. Contractor has order for more safety shoes and other deficient PPEs. Contractor has determined that PPEs will be provided in second week of June 2015 to all labours and staff.

3.4.8. Contractor's Workforce (Employment status)

TOTAL STAFF (Office)	123
TOTAL OPERATORS/DRIVERS	119
SKILLED LABOUR, LABOUR AND HELPERS	72
TOTAL WORKFORCE	314

3.4.9. Borrow Areas

Contractor had submitted document of borrow area at RD 27+598 (water course) Nullah on 15th 10th April 2015. Quality test were performed by Contractor and found that material is suitable for our project. The Engineer has issued the approval on 2nd May 2015 for utilization but further it was advised by Engineer's Environmental Specialist that excavation will be not more than three feet. It was also advised that take No Objection Certificate from resource owner. Contractor has started utilization of these borrow area.

3.4.10. Steel Yard Management

Steel yard at camp was open and operational in May 2015 for steel work as box culvert construction, and test piles are in progress in May 2015. Personal Protective Equipment (PPEs) is provided to workers at this site except few workers with no safety shoes. Contractor is advised to install hard barricades and install a precautions sign board for steel yard area.

3.4.11. First Aid, HSE Officer and First aider and First aid post (dispensary)

Contractor has arranged two first aid kits and deployed a HSE Officer Mr. Waqar Khan at camp and batching plant site. Contractor is advised to provide first aid kit at each box culvert site. First Aid Post will be established at camp but for the time being first aid facilities are provided at store house.

3.5. Local Community Application for additional underpasses and other structures

On package 1, local community has submitted application for additional underpasses and other structures or facilities such as service roads. Applications of local community are carefully reviewed by the Engineer's representatives and sent comments to NHA as well as advised for additional underpasses where required. All applications are attempted and issues of community will be resolved. Work on underpasses is in progress. Details of these underpasses will be provided in next biannual report of December 2015. Applications are attached in annexure 3 of this report.

Attachments

Annexure 1

Environmental NOC/Approval of E35

SCHEDULE-VI


Decision on EIA

1. **Name, address of proponent:** Naseem Afzal Baz,
Director (Environment),
National Highway Authority,
27 Mauve Area, G-09/1, Islamabad.
Ph:051-9032911.
Fax: 051-9261139.
2. **Description of project.** Hasan Abdal-Havelian Section of E-35 is a new road alignment which will be start from Burhan Interchange of Islamabad Peshawar Motorway (M-1) and end at Havelian near Hazara University Havelian Campus. Section of E-35 consists of two lane dual carriage way having width of 3.65 meter of each lane with new Jersey barrier in median. The right of way of the proposed project will be 80 meter including area reserved for plantation on each side of the road. This express way will improve the communication network between the Province Punjab and northern areas of the Province Khyber Pakhtunkhwa and also boost the trade with China.
3. **Location of project.** The project is located in District Haripur, Abbottabad.
4. **Date of filing of EIA.** 12/04/2012
Ref. (EPA Diary No. 158)
5. After careful review, the Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa has decided to accord approval to the Environmental Impact Assessment of Hasanabdal Havelian Section of Express Way E-35, District Haripur, Abbottabad in line with the guidelines issued by Pak. EPA and IEE/EIA Regulations, 2000 subject to the following terms & conditions:-
 - a) The proponent will adopt all precautionary and mitigation measures identified in EIA Report as well as any unanticipated impacts during the construction and operation phase of project.
 - b) The proponent must submit bi-monthly compliance report.
 - c) Land acquisition and resettlement plan must be submitted to this Agency before starting the physical work.
 - d) Aforestation plan must be provided to this Agency before the physical work is started on the site.
 - e) Proper retaining and breast wall should be constructed where needed.
 - f) Site camp must be located at least 500 meters away from the residential

- g) Regular sprinkling of water for the control of dust pollution during the construction phase must be maintained.
- h) Proper culverts must be constructed for the rainy water.
- i) A copy of the agreement made with the contractor for the mitigation measures/control of environmental/ social problems during construction process should be provided.
- j) Number of affected businesses, houses, trees, agricultural land/crops and their compensation plan must be provided to this Agency before starting the physical work.
- k) Non-technical jobs must be provided to the local people in the area.
- l) Preference should also be given to the local people in technical jobs.
9. The proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
10. The proponent shall be liable for compliance of Sections 13, 14, 17 and 18 of IEE/EIA Regulations, 2000, regarding approval, confirmation of compliance, entry, inspections and monitoring.
- This approval is accorded only for the construction phase of the project. The proponent will obtain approval for operation of the project in accordance with the Section 13 (2) (b) and Section 18 of the IEE/EIA Regulations, 2000.
- Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
10. This approval shall be treated as null and void if all or any of the conditions mentioned above is/are not complied with.
11. This approval does not absolve the proponent of the duty to obtain any other approval or clearance that may be required under any law in force.
12. In exercise of the power under Section 12 of the Pakistan Environmental Protection Act, 1997, the undersigned is pleased to approve the EIA Report of Hasanabdal Havelian Section of Express Way E-35, District Haripur, Abbottabad with above mentioned terms and conditions.

Dated: Peshawar 19-10-2012

Tracking/File.No. EPA/EIA/HHSE-35/959


DIRECTOR GENERAL
EPA, Khyber Pakhtunkhwa.
3rd Floor, S.D.U. Building, Khyber
Road Peshawar Cantt.

18/10/12

Annexure 2

SSEMP Implementation Monitoring Checklists

**MONITORING CHECKLIST FOR BORROW AREAS
CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)**

Date of Monitoring _____ Time of Monitoring _____

Temperature _____

Weather Status _____ (Clear, Sunny, Cloudy, Raining, Wind etc.).

Borrow Area Supervisor and Incharge (Name) _____.

Location of Monitoring _____ (RD)

How many borrow areas are utilized by Contractor? _____.

What are Location along ROW (1) _____ (2) _____.

(3) _____ (4) _____ (5) _____.

Did Contractor submitted approval document and got approval from Engineer? _____.

Approved Borrow Areas (No) _____.

Are the borrow areas complied with SSEMP requirements _____ and not with

500m from ROW. _____. If any borrow area is falling within 500 m then what

mitigation measures are recommended by Engineer? _____

_____.

SSEMP Requirements

- Area approved by Engineer _____.
- Restoration is accepted by Contractor _____.
- Is borrow area agricultural land? _____ If yes then what is status of top 30cm fertile layer preservation _____.
- Is lease agreement is signed and attached with approval letter by Contractor _____.
- How much material is borrowed by Contractor from borrow areas (1) _____.

(2) _____ (3) _____ (4) _____.

• What type of materials is borrowed by Contractor for RoW? _____.

_____.

• Is any tree cutting required or already carried by Contractor? _____.

What is final and current status of borrow areas on package 1

1) _____

2) _____

3) _____

4) _____

5) _____.

Suggestions by Contractor's Environmental Specialist:

_____.

Final Recommendations by Engineer's Representative

Signature _____

Signature _____

Contractor's Environmental Specialist

Engineer's Environmental Specialist

Date of Monitoring _____

**MONITORING CHECKLIST FOR CAMP SITE MANAGEMENT
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)**

Date of Monitoring _____ Time of Monitoring _____

Temperature _____.

Weather Status _____ (Clear, Sunny, Cloudy, Raining, Wind etc.).

Camp site Main Incharge (Name) _____.

Camp Sub Manager _____.

HSE Supervisor at Camp _____.

Working Hours _____.

SSEMP Parameters/Compliance Status	Yes	No	SSEMP Parameters/Compliance Status	Comments
Is Camp site approved by Engineer?			What type of approval is issued by Engineer?	
Are rooms available at camp site sufficient for labour?			Is camp site location as per SSEMP?	
Is ventilation provided at living rooms?			What is size of rooms at camp site (length × Width × Height)	
Are stuffiest light provided in each room?			How many labours are residing in each room?	
are first aid facilities provided at camp site			How many solid waste drums and waste bins are placed at camp site?	
Is Drinking water tested by Contractor as per SSEMP?			What type of fuel is in use for cooking at camp?	
Septic Tank and Soakage pits construction			How many toilets and washrooms are provided for labour at camp?	
Are fire extinguishers provided at camp site at kitchen?			How many labours are living in camp?	
Is camp site fenced by Contractor?			How many fire extinguishers are provided at camp site?	

Is Contractor provided dining hall for workers at camp?			How much solid waste is generated in month of April 2015 and what Contractor did with?	
Is Contractor displayed information sign board for camp site?			What are arrangements for flies' control? (Control Spray)	
Is there any arrangements for laundry at camp site			Is Facing of camp site done by Contractor?	
Kitchen and dining Hall is well away from Toilets and Fuels storage site?			How many cooks and helpers are working at camp site and is medical certificate submitted by Contractor?	
Are all rooms are well furnished as per Contract Clause 6.6 (wall, floor, roof, door, windows and heating and cooling facilities)				
Stuffiest water is provided for washing and bathing at camp site for labours?			Are walkways are constructed at camp site?	
Is Fuel stored at camp site? If Yes then what measures are followed by Contractor regarding protection of environment, health and safety purpose?			<ul style="list-style-type: none"> • Fuel Storage on impervious floor_____ • Fuel Storage site is fenced_____ • How much fuel can stored at site_____(Liters) • Fuel is stored in tanks_____. • Warning signs for safety and no smoking _____ 	

Signature_____

Signature_____

Contractor's Environmental Specialist

Engineer's Environmental Specialist

Date of Monitoring _____

**MONITORING CHECKLIST FOR CONSTRUCTION OF BOX CULVERT
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)**

Date of Monitoring _____ Time of Monitoring _____

Temperature _____.

Weather Status _____ (Clear, Sunny, Cloudy, Raining, Wind etc.).

Construction Manager (Name) _____

Construction Supervisor: _____

HSE Supervisor at site _____.

Engineer's Representative _____

Working Hours (expected) _____

Method Statement of Box Culvert regarding safety and Environment: _____

SSEMP Parameters/Compliance Status	Yes	No	SSEMP Parameters/Compliance Status	Comments
Is Site Supervisor available at site?			Do they have drawing of Box Culvert?	
Is excavation done as per requirement of drawing?			What is location RD of Box Culvert?	
Personal Protective Equipment are provided at site to all labours?			How many labours have Personal Protective Equipment (PPEs)?	
What type of PPEs is provided at site by Contractor?			Is there any risk/problem for workers due to use of PPEs?	
Are stuffiest light provided for night time work?			How many labours are working at site?	
Are first aid facilities provided at construction site and do workers have emergency contract number?			Smoking is prohibited at site. Anybody noted at site during work on smoking?	
Is Drinking water provided at site?			What is arrangement of toilets for labours?	

Is anybody is not complied with Labour Law and Child Labour?			Did the contractor sprinkle water at site for dust suppression?	
Is there any need of fire extinguishers at site?			Did the working site is fenced with reflecting tape?	
Is Contractor displayed information and warning sign board at active construction site?			How many fire extinguishers are provided at camp site?	
Is there any oil spills at site?			Are all vehicles working properly at site? Is any vehicle out of order?	
Are all labours are physically fit for work at site?			Is there any hazard at active site due to which work progress can be affected?	
Are labours educated about safety measures at site by Contractor's Environmental Specialist or HSE Supervisor?				
Is Initial Orientation and TBT carried by Contractor at site?				
Recommendations by Engineer:				

Signature _____

Contractor's Environmental Specialist

Date of Monitoring _____

Signature _____

Engineer's Environmental Specialist

**HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)**

Date of Monitoring _____ Time of Monitoring _____. Monitoring No. _____

Weather Status _____ (Clear, Sunny, Cloudy, Raining, Wind etc.).

Contractor; _____

Site Supervisor (GRC): _____

HSE Supervisor at site _____.

Engineer's Representative _____

Personal Protective Equipment (PPEs) Monitoring

S.No.	Names	Designation /Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Instructions:

1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and
2. On second observation all workers and staff without PPEs will be eliminated from the site.

Is First Aid Facility (Kit) available at active construction _____?

Housekeeping at work area _____

Is contractor workers use fuel wood for cooking at active construction site _____

Recommendation of Engineer Representative: _____

Signature _____

Signature _____

Contractor's Representative at site

Engineer's Environmental Specialist

Date of Monitoring _____

Envision

DOHWA

DOHWA Engineering Co., Ltd.

In association with



ENGINEERING & MANAGEMENT
SERVICES



PRIME ENGINEERING & TESTING
CONSULTANTS PVT. LTD.

3rd June, 2015

Dohwa/NHA/E-35/2015/417

M/s CGGC-GRC (JV)
1, Hill Road, Sector F-6/2,
Islamabad

**Project: Construction of Hassanabdal – Havelian Section of E-35 – ICB-E-35-I:
Burhan to Jarikas (Km 0+00 to Km 20+400)**

**Subject: Revised Monitoring of Personal Protective Equipment and First Aid
Facilities on site on Package 1 on 3rd June 2015.**

Dear Sir,

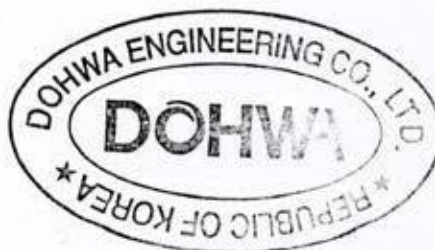
In continuation of our previous letter issued on to contractor regarding safety of workers on site, Engineer's Representatives Environmental Specialist has checked/monitored the Personal Protective Equipment (PPEs), First Aid Facilities and drinking water availability on 3rd June 2015. It has been noted that more than 51 workers/staff of GRC are working without safety shoes and gloves and above 20 labours have no PPEs. First aid kits are not provided at construction site (box culvert areas). Contractor has arranged total three first aid kits which is not sufficient for box culverts. Contractor will provide at least one kit for two nearest culverts. First Warning has been given to all labours and staff on site. Details of observations are attached with letter for Contractor record and action for compliance.

On second observation all workers and staff without PPEs will be eliminated from the site. If first aid kit and drinking water are not provided, then site supervisor will be eliminated from site as it is his key responsibility to ensure all requirements of his construction site. Next PPEs monitoring visit will be carried out on 6th June 2015 to Package 1. Please ensure the PPEs provision and usage on site as instructed by Engineer. Please you keep in mind that you will ensure availability of first aid facilities and drinking water at all active construction sites and dust free working site.

Thanking you, we remain,

Sincerely Yours,

Kang, Ik-Man
The Engineer



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DOHWA

DOHWA Engineering Co., Ltd.

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ENGINEERING & MANAGEMENT
SERVICES



PRIME ENGINEERING & TESTING
CONSULTANTS PVT. LTD.

Encl; Checklists (01 copy)

Copy to:

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2. Project Director (E-35), NHA, Abbottabad
3. Deputy Director (Environment), Islamabad
4. Engineering and Management Services, Islamabad.

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HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)

Date of Monitoring 03/16/15 Time of Monitoring 9:30am Monitoring No. 01

Weather Status Rainy/cloudy (Clear, Sunny, Cloudy, Raining, Wind etc.)

Contractor: GRC

Site Supervisor (GRC): Mr. Imran

HSE Supervisor at site Nile

Engineer's Representative Env. Specialist and ARE(S)

Personal Protective Equipment (PPEs) Monitoring

S.No	Names	Designation /Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	Allariwala	Scaffolding	0+888	X	X	X	X
2.	M. Tanveer	Scaffolding	0+888	X	X	X	X
3.	Zahoor Hussain	Masson	0+888	0	X	0	X
4.	Rafaqat	Masson	0+888	0	X	0	X
5.	Kamran	Scaffolding	0+888	0	X	0	X
6.	M. Shafeeq	Scaffolding	0+888	0	X	0	X
7.	Sagees Abbass	Scaffolding	0+888	X	X	X	X
8.	Liagat Ali	Scaffolding	0+888	0	X	0	X
9.	Azeez	Scaffolding	0+888	X	X	X	X
10.	Junaid	Scaffolding	0+888	X	X	X	X

Instructions:

1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and done.
2. On second observation all workers and staff without PPEs will be eliminated from the site.
Planned on 6th June-2015.

Is First Aid Facility (Kit) available at active construction NO ?

Housekeeping at work area PBBV

Is contractor workers use fuel wood for cooking at active construction site NO.

Recommendation of Engineer Representative: Access route is dusty.
First aid kit not available. House Keeping required
at this site.

Signature _____

Contractor's Representative at site

Date of Monitoring 03-06-2015.

Signature A. Wakeel

Engineer's Environmental Specialist

**HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)**

Date of Monitoring 03-06-2015 Time of Monitoring 9:30am. Monitoring No. 01.

Weather Status cloudy and Rainy (Clear, Sunny, Cloudy, Raining, Wind etc.).

Contractor; CRC.

Site Supervisor (GRC): Mr. Imran

HSE Supervisor at site Nil

Engineer's Representative Environmental Specialist & ARE(S).

Personal Protective Equipment (PPEs) Monitoring

S.No	Names	Designation / Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	Ijaz Hussain	Scaffolding	0 + 888	X	X	X	X
2.	Mr. Imran	Scaffolding	0 + 888	X	X	X	X
3.	Kamran	Concrete/haul	0 + 888	0	X	0	X
4.	/	/	/				
5.	/	/	/				
6.	/	/	/				
7.	/	/	/				
8.	/	/	/				
9.	/	/	/				
10.	/	/	/				

Workers of Scaffolding must wear safety shoes, gloves, helmet & Jacket.
A walkie

Instructions:

1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and done on 3 June 15.
2. On second observation all workers and staff without PPEs will be eliminated from the site. Planned on 6th June 2015.

Is First Aid Facility (Kit) available at active construction Not available. ?

Housekeeping at work area Need Improvement.

Is contractor workers use fuel wood for cooking at active construction site NO.

Recommendation of Engineer Representative: water Sprinkling needed,
First kit is essential.

Signature _____

Contractor's Representative at site

Date of Monitoring _____

Signature A. Wakeed

Engineer's Environmental Specialist

HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1) .

Date of Monitoring 03-06-2015 Time of Monitoring 10:15 am Monitoring No. (01) Revised

Weather Status cloudy (Clear, Sunny, Cloudy, Raining, Wind etc.).

Contractor; GRC-(CGGC).

Site Supervisor (GRC): Haji - Ajab (Sab)

HSE Supervisor at site None.

Engineer's Representative Environmental Specialist & ARE (S).

Personal Protective Equipment (PPEs) Monitoring

S.No.	Names	Designation /Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	Hussain Ashraf	Site Sup.	1+000 Batching Plan	0	X	0	X
2.	Asad	(steel) Labour	1+000	X	X	X	X
3.	Zahid Sadeeq	Sur. helper	1+000	X	X	X	-
4.	Baber	Welding and Grinding	1+000 Rods-prepar -ation	0	0	0	Ear plugs
5.							
6.							
7.							
8.							
9.							
10.							
Welder and Grinding - Staff need ear plugs.							

Instructions:


1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and Done.
2. On second observation all workers and staff without PPEs will be eliminated from the site. Planned on 6th June 2015.

Is First Aid Facility (Kit) available at active construction NO. ?

Housekeeping at work area Poor

Is contractor workers use fuel wood for cooking at active construction site NO.

Recommendation of Engineer Representative: This is plant (Batching) report - workers and staff of GRC at plant is advised that all workers must wear safety shoes, high visibility jacket, contractor will display sign board of plant.

Signature 

Contractor's Representative at site

Date of Monitoring 03-6-2015

Signature 

Engineer's Environmental Specialist

HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)

Date of Monitoring 03-06-2015 Time of Monitoring 10:45 Monitoring No. (01) ^{Revised}

Weather Status cloudy (Clear, Sunny, Cloudy, Raining, Wind etc.).

Contractor; GRC

Site Supervisor (GRC): Mr. Imran

HSE Supervisor at site None

Engineer's Representative Env. Specialist and ARE-Structure

Personal Protective Equipment (PPEs) Monitoring

S.No	Names	Designation / Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	Qalandar Khan	Scaffolding Foreman	1+362 Box-culvert	0	X	0	X
2.	Atam-geer	Carpenter	1+362	0	X	0	X
3.	Muhammad Shehzad	Carpenter	1+362	0	X	0	X
	Muhammad si Kardir	Scaffolder	1+362	0	X	0	X
4.	Nazeer Hussain	Scaffolding	1+362	0	X	0	X
5.	M. Imran	Scaffolder	1+362	0	X	0	X
	Azher Ali	4					
✓ 6.	M. Khalil	Helper carpenter	1+362	0	X	0	X
✓ 7.	Pervez	Carpenter Helper	Box culvert	0	X	0	X
8.	Samee	Carpenter Helper	Box culvert	0	X	0	X
9.	M. Ghani	Scaffolding	4	0	X	0	X
	Abdul Ghaffar	4	//	0	X	0	X
10.	M. Zareef	4	Box culvert	0	X	0	X

No workers have Safety Shoes and gloves while Scaffolding is in progress.

Daily/Weekly Environmental Monitoring Checklist for Contractor

15 workers have no Safety Shoes and gloves.

Instructions:

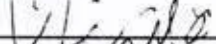
1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and 3-6-15
2. On second observation all workers and staff without PPEs will be eliminated from the site.
Planned on 6-6-2015.

Is First Aid Facility (Kit) available at active construction NO ?

Housekeeping at work area OK


Is contractor workers use fuel wood for cooking at active construction site NO

Recommendation of Engineer Representative: Water cooler not provided.
drinking is stored in chemical drum. No water sprinkling
on access route. Working (7:00 - 5:00)

Signature 

Contractor's Representative at site

Date of Monitoring 03-06-15

Signature 

Engineer's Environmental Specialist

HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)

Date of Monitoring 3-6-15 Time of Monitoring ' . . . Monitoring No. 01

Weather Status cloudy (Clear, Sunny, Cloudy, Raining, Wind etc.)

Contractor; GRC

Site Supervisor (GRC): Mr. Imran GRC

HSE Supervisor at site None

Engineer's Representative ARE(S) and Environmental Specialist

Personal Protective Equipment (PPEs) Monitoring

S.No	Names	Designation / Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	M. Waqar	Steel Fixer	1+579	0	X	0	X
2.	M. Azhar	"	Steel work in progress	0	X	0	X
3.	Zagham Ali	Steel Fixer 17age	"	X	X	X	X
4.	M. Azam	Scaffolding	"	X	X	X	X
5.	Arif	Scaffolding		0	X	0	X
6.	M. Bukhash	Steel Fixer		X	X	X	X
7.	Batta Khan	"	1+579	X	X	X	X
8.	Ahmad Ali	Steel Fixer	1+579	X	X	X	X
9.	Khalid Abas	Steel Fixer	4	0	X	0	X
10.	M. Shahid	Steel Fixer	4	0	X	0	X

Poor Management of Site Supervisor, no drinking water, no first aid and few workers have helmets and Jackets.

Instructions:


1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and Done.
2. On second observation all workers and staff without PPEs will be eliminated from the site. Planned on 6th June 2015.

Is First Aid Facility (Kit) available at active construction NO. ?

Housekeeping at work area Poor

Is contractor workers use fuel wood for cooking at active construction site NO.

Recommendation of Engineer Representative: This is plant (Batching) report - workers and staff of GRC at plant is advised that all workers must wear safety shoes, high visibility jacket, contractor will display sign board of plant.

Signature 

Contractor's Representative at site

Date of Monitoring 03-6-2015

Signature 

Engineer's Environmental Specialist

HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)

Date of Monitoring 3-6-2015 Time of Monitoring 11:00 . Monitoring No. (01) Revised

Weather Status cloudy . (Clear, Sunny, Cloudy, Raining, Wind etc.)

Contractor: GRC .

Site Supervisor (GRC): Mr. Imran .

HSE Supervisor at site None

Engineer's Representative Env. Specialist and ARE(S) .

Personal Protective Equipment (PPEs) Monitoring

SNo	Names	Designation / Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	Adnan	Steel Fixer	1+579	X	X	X	X
2.	M. Nawaz	Steel Fixer	1+579	0	X	0	X
3.	Ashraf (M)	Steel Fixer	0	0	X	0	X
4.	Bilal	Steel Fixer	0	0	X	0	X
5.	Azhar	Steel Fixer	0	0	0	0	X
6.	M. Hussain	Steel Fixer	0	X	X	X	X
7.	M. Serfaraz	Welder	1+579	⊗	X	0	0 (Cover all X)
8.	M. Shahid	Scaffolding	0	X	X	X	X
9.	M. Jawaid	0	0	X	X	X	X
10.	M. Amjad M. Zameer Hussain	scaffolder scaffolder	0	⊗	X	⊗	X

**HEALTH & SAFETY MONITORING CHECKLIST FOR CONSTRUCTIONS SITES
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 1)**

Date of Monitoring 03-6-15 Time of Monitoring 11:30^{am} Monitoring No. 01 (Revised)

Weather Status cloudy (Clear, Sunny, Cloudy, Raining, Wind etc.).

Contractor; GRC

Site Supervisor (GRC): Mrs. Imran Faheem - Incharge.

HSE Supervisor at site Nagay Khan

Engineer's Representative Env. En Specialist & ARE(S).

Personal Protective Equipment (PPEs) Monitoring

S.No	Names	Designation / Employment Number	Construction Activities	Helmets	Safety Shoes	High Visibility Jackets	Goggles and Gloves
1.	Abid Hussain	Lab-Helper	Plant S+260	X	X	X	X
2.	Jameel Akhter	Lab Helper	Plant S+260	X	X	X	X
3.	Mushtaq Iqbal	Welder	Plant - welding work shop	O	X	O	O
4.	Noor Ahmad	Welder Helper	"	O	X	O	O
5.							
6.							
7.							
8.							
9.							
10.							

Instructions:

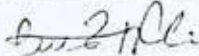
1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and
2. On second observation all workers and staff without PPEs will be eliminated from the site.

Is First Aid Facility (Kit) available at active construction _____?

Housekeeping at work area _____

Is contractor workers use fuel wood for cooking at active construction site _____

Recommendation of Engineer Representative: Accommodation of
60 men in tent at 1+100. No, washroom,
no toilet, no first aid. Serious violation.

Signature 

Signature _____

Contractor's Representative at site

Engineer's Environmental Specialist

Date of Monitoring _____

Instructions:

1. In first round if any worker has no PPEs such as Safety Shoes, Helmet and High visibility jacket then Engineer will give warning to them with precautions and 3-6-2015
2. On second observation all workers and staff without PPEs will be eliminated from the site. Planned on 6-6-15.

Is First Aid Facility (Kit) available at active construction NO ?

Housekeeping at work area POOR.

Is contractor workers use fuel wood for cooking at active construction site NO.

Recommendation of Engineer Representative: NO water cooler, NO water for drinking, site dusty. Engineer will recheck the site for PPEs, first aid and drinking water on 6-6-2015.

Signature *[Signature]*

Contractor's Representative at site

Date of Monitoring _____

Signature *[Signature]*

Engineer's Environmental Specialist

**MONITORING CHECKLIST FOR CONSTRUCTION OF BOX CULVERT
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 2)**

Date of Monitoring 18-06-2015 Time of Monitoring 02.

Temperature (38°C - 42°C).

Weather Status clear and hot. (Clear, Sunny, Cloudy, Raining, Wind etc.).

Construction Manager (Name) Mr. Ili.

Construction Supervisor: Highway Eng of AM(JV).

HSE Supervisor at site wagaskhan

Engineer's Representative Env. Specialist

Working Hours (expected) Depend on work.

Method Statement of Box Culvert regarding safety and Environment: followed.

SSEMP Parameters/Compliance Status	Yes	No	SSEMP Parameters/Compliance Status	Comments
Is Site Supervisor available at site?	Yes	-	Do they have drawing of Box Culvert?	NO, Initially provided when area was marking.
Is excavation done as per requirement of drawing?	Yes	-	What is location RD of Box Culvert?	
Personal Protective Equipment are provided at site to all labours?	Max Yes		How many labours have Personal Protective Equipment (PPEs)?	70%.
What type of PPEs is provided at site by Contractor?	Helmet Safety shoes Jacket gloves.		Is there any risk/problem for workers due to use of PPEs?	NO, at day time.
Are sufficient light provided for night time work?	Yes		How many labours are working at site?	Around (100 - 125)
Are first aid facilities provided at construction site and do workers have emergency contact number?	only contact numbers are provided		Smoking is prohibited at site. Anybody noted at site during work on smoking?	Yes, all workers are informed.
Is Drinking water provided at site?	Yes		What is arrangement of toilets for labours?	Camp toilets are utilized.

Is anybody is not complied with Labour Law and Child Labour?		✓ Yes	Did the contractor sprinkle water at site for dust suppression?	50%.
Is there any need of fire extinguishers at site?	NO,		Did the working site is fenced with reflecting tape?	NO, not needed yet.
Is Contractor displayed information and warning sign board at active construction site?	Yes		How many fire extinguishers are provided at camp site?	5 fire Extinguishers
Is there any oil spills at site?	NO		Are all vehicles working properly at site? Is any vehicle out of order?	Yes
Are all labours are physically fit for work at site?	Yes		Is there any hazard at active site due to which work progress can be affected?	NO.
Are labours educated about safety measures at site by Contractor's Environmental Specialist or HSE Supervisor?	In progress, Daily tool box talk and Orientation are advised.			
Is Initial Orientation and TBT carried by Contractor at site?	Mr. Tariq Qureshi - Env. Specialist has given TBT and Orientation is in practices.			
Recommendations by Engineer:				
Overall, attention of contractor is required for highlighted issues. Housekeeping of each site, PPEs, First Aid facilities need to be provided.				

Signature _____

Contractor's Environmental Specialist

Date of Monitoring _____

Signature A. Wakeed

Engineer's Environmental Specialist

**MONITORING CHECKLIST FOR CAMP SITE MANAGEMENT
 CONSTRUCTION OF HASSANABDAL – HAVELIAN SECTION OF E-35 (PACKAGE 2)**

Date of Monitoring (20-24)-05-2015 Time of Monitoring 01

Temperature 31-39°C

Weather Status clear and sunny (Clear, Sunny, Cloudy, Raining, Wind etc.).

Camp site Main Incharge (Name) _____

Camp Sub Manager _____

HSE Supervisor at Camp Waqas Khan

Working Hours 8 hours - Normal

SSEMP Parameters/Compliance Status	Yes	No	SSEMP Parameters/Compliance Status	Comments
Is Camp site approved by Engineer?	✓		What type of approval is issued by Engineer?	Formal
Are rooms available at camp site sufficient for labour?	✓		Is camp site location as per SSEMP?	Yes.
Is ventilation provided at living rooms?	yes		What is size of rooms at camp site (length × Width × Height)	(18 × 20) Feet
Are stuffiest light provided in each room?	yes		How many labours are residing in each room?	(12 - 16)
are first aid facilities provided at camp site	yes		How many solid waste drums and waste bins are placed at camp site?	5 Drums and one waste bin in each room.
Is Drinking water tested by Contractor as per SSEMP?		✓	What type of fuel is in use for cooking at camp?	LPG and wood Fuel.
Septic Tank and Soakage pits construction	✓ yes		How many toilets and washrooms are provided for labour at camp?	(7) seven.
Are fire extinguishers provided at camp site at kitchen?	yes		How many labours are living in camp?	(100 - 110)
Is camp site fenced by Contractor?	yes		How many fire extinguishers are provided at camp site?	5 Fire Extinguishers

Is Contractor provided dining hall for workers at camp?	✓		How much solid waste is generated in month of April ^{May} 2015 and what Contractor did with?	Solid waste is collected in drums.
Is Contractor displayed information sign board for camp site?	✓		What are arrangements for flies' control? (Control Spray)	Done once in May.
Is there any arrangements for laundry at camp site		✓ NO	Is Facing of camp site done by Contractor?	Yes Completed.
Kitchen and dining Hall is well away from Toilets and Fuels storage site?	Yes		How many cooks and helpers are working at camp site and is medical certificate submitted by Contractor?	No action.
Are all rooms are well furnished as per Contract Clause 6.6 (wall, floor, roof, door, windows and heating and cooling facilities)	Rooms are well ventilated, wall are Purni-shed and floor needs treatment. House keeping and cleanliness is partially compliance. Contractor to clean all rooms on daily basis.			
Stuffyest water is provided for washing and bathing at camp site for labours?	✓		Are walkways are constructed at camp site?	NO.
Is Fuel stored at camp site? If Yes then what measures are followed by Contractor regarding protection of environment, health and safety purpose?	✓		<ul style="list-style-type: none"> • Fuel Storage on impervious floor _____ • Fuel Storage site is fenced _____ • How much fuel can stored at site _____ (Liters) • Fuel is stored in tanks _____ • Warning signs for safety and no smoking _____ Under construction	

Signature _____

Contractor's Environmental Specialist

Date of Monitoring 20/05/2015

Signature A. Walleck

Engineer's Environmental Specialist

Annexure 3

Local Community Applications for Additional Underpasses and other Structures

June 2015

بکھنور جناب G.M صاحب نیشنل ہائی وے اتھارٹی

عنوان: برائے انڈر پاس اہلیان کالا کھٹہ، ڈھوک، بدہ

جناب عالی!

مؤدبانہ التماس ہے کہ ہم اہلیان کالا کھٹہ، ڈھوک، بدہ ہیں جن کو موٹروے کی تعمیر نے بے پناہ مسائل میں گھیر لیا ہے۔ کالا کھٹہ ڈھوک اور بدہ کی بہت بڑی آبادی ہے جن کو حسن ابدال جانے کے لیے کالا کھٹہ کے درمیان سے گزرنے والی سرکاری راستہ پر جانا پڑتا تھا جو کہ موٹروے کی وجہ سے بند ہو رہا ہے۔ جبکہ گاؤں کالا کھٹہ کی آبادی تین محلوں پر مشتمل ہے جو موٹروے کے کام کی وجہ سے ایک دوسرے سے کٹ گئے ہیں۔ کچھ لوگوں کے قبرستان جانب شمال رہ گئے ہیں اور کچھ کے جانب جنوب رہ گئے ہیں۔ ایسے طریقہ سے ایک بھائی جانب شمال اور دوسرا بھائی جانب جنوب ہے کچھ کی اراضیات اوپر کی جانب اور کچھ نیچے کی جانب ہیں۔ تینوں محلوں کی مشترکہ ایک ہی مسجد ہے اور اسی طرح گورنمنٹ مڈل سکول کالا کھٹہ جو کہ سرکاری راستہ پر واقع ہے۔ موٹروے کی وجہ سے بچے سکول آجانے نہیں سکیں گے اور پانی کے چشمے کی وجہ سے بھی لوگوں کو کافی مشکلات کا سامنا ہے۔ ہم تمام لوگ پُر امن شہری ہیں اور کسی بھی قسم کا انتشار نہیں چاہتے ہیں۔

7 + 390 2(6x4) موجودہ: کالا کھٹہ سرکاری راستہ:

7 + 390 2(4x6) ضرورت:

اس لیے برائے مہربانی ہمیں گاؤں کالا کھٹہ کے درمیان سے کروٹ Locals requirement دی جائے خواہ وہ انڈر پاس ہو یا اوپاس ہو دوسرا گاؤں کے مغرب میں سے گزرنے والے درہ سے بھی راستہ دیا جائے تاکہ کالا کھٹہ کے محلہ درلہ والے بھی مشکلات سے بچ جائیں۔

6 + 800 3(3x3) موجودہ: کالا کھٹہ راستہ درہ:

6 + 800 2(4x6) ضرورت:

جناب کی عین نوازش ہوگی۔

ارض

03465963960

اہلیان کالا کھٹہ

بخدمت جناب ایم پی اے جناب شاویز خان صاحب حلقہ پی پی 17

عنوان فراہمی راستہ

جناب عالی!

گزارش ہے کہ ہم ساہلان موضع بھروال تحصیل حسن ابدال ضلع اٹک کے رہائشی و سکونتی ہیں ہمارے گاؤں کے قریب سے پاکستان، چائنہ کنوک کوریڈور (CPEC) ڈویلپمنٹ پراجیکٹ پر کام ہو رہا ہے جو کہ حکومت پاکستان کا ایک انتہائی اہم اور اچھا اقدام ہے مزید یہ کہ پراجیکٹ کے دونوں اطراف میں گاؤں کی آبادی ہے جس 3 گاؤں، موہریاں، بھروال، گنگاپنڈ متاثر ہو رہے ہیں، ہم اہلیان دیہہ کوروزمرہ کے کاموں کے سلسلے میں ایک طرف سے دوسری طرف آنا جانا پڑتا ہے۔ اور ہمارے گاؤں کا ایک ہی راستہ ہے جس سے ہم مسجد، قبرستان، بازار اور سکول کو آتے جاتے ہیں اور ہسپتال کو بھی اسی راستے سے ہی جاتے ہیں جو کہ ہمارا راستہ بند ہو رہا ہے اور اس کے علاوہ ہمارے پاس کوئی دوسرا راستہ بھی نہیں ہے اگر یہ راستہ بند ہو گیا تو ہم اپنے گھروں سے باہر کہیں بھی آ جا نہیں سکیں گے۔ اس راستے پر ہمارے علاوہ اردگرد کے کئی دوسرے گاؤں کے لوگوں کا بھی گزر ہوتا ہے اور اپنی زمینوں کو آتے جاتے ہیں جن گاؤں میں موہریاں، بھروال، گنگاپنڈ، بھی شامل ہیں۔

لہذا التماس ہے کہ ہم اہلیان دیہہ کورویو نیوڈی پارٹمنٹ کا منظور شدہ راستہ مہیا کیا جائے تاکہ ہم اپنی زمینوں کو آ جا سکیں اور تمام علاقہ بھی اسے استعمال کر سکے۔

عین نوازش ہوگی

العارض

اہلیان دیہہ بھروال، موہریاں، گنگاپنڈ تحصیل حسن ابدال ضلع اٹک

Jamal NASIR
Pl. Take Note
To R. Public Interest
M Sh 378/15
Mohammad Shavez Khan
MPA PP-17 (Attock)
Chairman Standing
Committee For Religious
Affairs & Aukaf Panjab

بخدمت جناب ڈائریکٹر NHA صاحب موٹر وے برہان

جناب عالی!

گزارش ہے کہ اہلیان ڈھوک چکولی کو جو راستہ بھلڑ جوگی سے پرانا جا رہا ہے اس کو موڑوے والے بند کر رہے ہیں لہذا ہم اہلیان علاقہ کو کام کاج کے لئے بازار، ہسپتال، سکول وغیرہ جانے کا راستہ بند ہو جائے گا۔ اور ہم اپنے گاؤں میں بند ہو کر رہ جائیں گے۔ اور ہم اپنے گاؤں سے کہیں بھی باہر نہیں جاسکیں گے جو کہ سراسر زیادتی ہے۔

لہذا مہربانی فرما کر ہمیں اس پرانے راستے کو بحال رکھتے ہوئے انڈر پاس دیا جائے تاکہ ہم اہلیان علاقہ کا یہ مسئلہ حل ہو سکے۔

عین نوازش ہوگی

العارض

اہلیان علاقہ ڈھوک چکولی، بھٹیڈیاں، اسلام کوٹ، ڈھوک، بجاڑی وغیرہ تحصیل حسن ابدال ضلع اٹک

_____	37103-2068930-9	مرتضیٰ ولد محمد اسلم
_____	37103-0556447-7	جمیل حسین ولد محمد صفدر
_____	37103-2086028-1	عبدالملک ولد شیر زمان
_____	37103-3410972-3	مہرینا اقبال ولد عبدالملک
_____	37103-9503386-9	محمد یامین ولد فضل دین
_____	37103-7674632-9	محمد یوسف ولد فضل احمد

Attn: Rafiqat sb

Visit & Report
on priority please

بکھنور جناب G.M صاحب نیشنل ہائی وے اتھارٹی

PD (X-55) Away.

DD (C-35)

جناب عالی!

26/08/15

منوڈ بانہ التماس ہے کہ ہم اہلیان پادرہ اور جبر ہیں، جن کو موٹروے کی تعمیر نے بے پناہ مسائل میں گھیر لیا ہے۔ پادرہ اور جبر کی بہت بڑی آبادی ہے۔ موٹروے نے اس کو دو حصوں میں تقسیم کر لیا ہے کچھ لوگوں کے قبرستان جانب شمال رہ گئے ہیں اور کچھ کے جانب جنوب رہ گئے ہیں۔ اسی طریقہ سے ایک بھائی جانب شمال اور دوسرا بھائی جانب جنوب ہے، کچھ کی اراضیات اوپر کی جانب ہیں اور کچھ کی نیچے کی جانب ہیں۔ دونوں گاؤں کی مشترکہ ایک ہی مسجد ہے جو کہ جانب شمال ہے اب جو نیچے کی جانب رہنے والے لوگ ہیں ان کو نماز وغیرہ میں کافی مشکل کا سامنا کرنا پڑ رہا ہے۔ اسی طرح سکول بھی جانب شمال ہے اور زیادہ پڑھنے والے بچے ہیں جو کہ جانب جنوب رہتے ہیں جن کو سکول آنے جانے میں کافی مشکل کا سامنا کرنا پڑ رہا ہے اور بعض اوقات بچے سکول سے غیر حاضر بھی ہو جاتے ہیں۔ لوگوں کی رشتہ داروں کے ساتھ رہائش بھی تقسیم ہو کر رہ گئی ہیں اور پانی کے چشمے کی وجہ سے بھی لوگوں کو کافی مشکلات کا سامنا ہے۔ ہم تمام لوگ پرامن شہری ہیں اور کسی بھی قسم کا انتشار نہ چاہتے ہیں۔

اس لیے برائے مہربانی ہمیں دونوں گاؤں کے درمیان سے کروٹ لیں اور RD=4+880=LOCALS REQUIREMENT دی جائے خواہ وہ انڈر پاس ہو یا اوور پاس ہو۔ دوسرا پادرہ سے جو پل تعمیر ہو رہا ہے اس کے دونوں اطراف سروس روڈ کو گاؤں تک پہنچا دیا جائے تاکہ ہم اہلیان پادرہ اور جبر جن سہولیات سے محروم ہیں ان سے فیض یاب ہو سکیں۔ جناب کی عین نوازش ہوگی۔

ادھر			
لیاقت علی ولد شیر احمد	غلام جیلانی ولد عظیم خان	محمد یونس ولد محمد قاسم	حاجی اسحاق سلطان ولد احمد خان
ساجد علی			اسحاق سلطان
نور خان ولد میاں خان	محمد اقبال ولد محمد اکبر	ظہیر اختر ولد محمد انور	شفاقت علی ولد رسول خان
		سید محمد سعید	سید محمد سعید
نزاکت علی ولد رسول خان	عبدالرزاق ولد رسول خان	منظور حسین ولد عبدالخالق	الطاف حسین ولد میاں خان
		محمد سعید	
تصدیق حسین ولد عبدالخالق	محمد اجمل ولد محمد قاسم	محمد صداقت ولد محمد قاسم	اتیاز علی ولد غلام جیلانی
		محمد سعید	
ارشاد حسین ولد میاں خان	شیر اعظم ولد شیر احمد	مختیار علی ولد شیر احمد	رضوان علی ولد حیات خان
		محمد سعید	
محمد اقبال ولد احمد خان	جاوید علی ولد غلام جیلانی	معظم علی ولد محمد اعظم	عقلمت علی ولد غلام جیلانی
		محمد سعید	

محمد انور ولد غلام حیدر

محمد حسن ولد میر حیدر
محمد حسن

شیر افضل ولد میر حیدر
شیر افضل

علی اختر ولد میر حیدر
علی اختر

محمد اعظم ولد غلام حیدر

عنایت خان ولد اسحاق سلطان

واجد علی ولد تمیز

عبد القیوم ولد دلبر

رحمت علی ولد اغضر

انظہر علی ولد منصب

عاشق حسین ولد منصب

عبدالرشید ولد غلام فرید

خان افسر ولد غلام فرید

رفاقت علی ولد غلام فرید

شوکت علی ولد شیر احمد
شوکت علی

محمد ریاض ولد نور خان

محمد شیراز ولد نور خان

اشراق علی ولد نور خان

محمد فیاض ولد نور خان

شہاب نواز ولد منور

محمد اختر ولد منور

محمد عامر ولد محمد یونس
محمد عامر

محمد عبیر ولد محمد یونس
محمد عبیر

دانش علی ولد محمد صداقت
دانش علی

محمد یعقوب ولد مان خان
محمد یعقوب

تاج محمد ولد محمد مسکین

افتخار علی ولد تاج محمد

اختر زمان ولد حیدر زمان

بشارت علی ولد دلبر
بشارت علی

زاهد علی ولد دلبر

شراکت علی ولد عبدالقیوم

رفقار علی ولد شفاقت

خالد علی ولد عبدالرزاق
خالد علی

عارف علی ولد عبدالرزاق

رخسار علی ولد شفاقت

خاکسار علی ولد شفاقت

رجمان ولد شیر اعظم
رجمان

محمد عمران ولد شیر اعظم

زاهد علی ولد لیاقت علی

مظہر علی ولد شوکت علی

رمضان علی ولد شوکت علی

محمد اکرم ولد گلاب خان

زمر علی ولد گلاب خان

کرم خان ولد ایمان خان

محمد افضل ولد بنارس

محمد الیاس ولد بنارس

عبد المیزان ولد رسول خان
عبد المیزان

نزار اکبر علی ولد رسول خان
نزار اکبر علی



CGGC-GRC JOINT VENTURE



CGGC-GRC JV E-35-I PROJECT MANAGEMENT IN PAKISTAN

Ref: CGJV-E35-255

Date: 30 June 2015

The Engineer (E-35)
DOHWA in Association with EMS and PETC
House No.744, Main Ibn-e-Sena Road,
G-11/2, Islamabad
Phone No.: 051-2103040; Fax No.:051-2103042

Construction of Hassanabdal-Havelian Section of E-35 - ICB-E-35-I: Burhan to Jarikas
(Km 00+000 to Km 20+400)

Subject: Installation of Concrete Batching Plant at RD 1+000 (Package-1)

Ref.: Dohwa/NHA/E-35/2015/414 dated 3rd June 2015

Dear Sir,

We are enclosing herewith the detailed layout plan of concrete batching plant after incorporating following requirements:

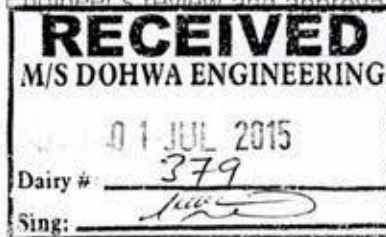
- a. Location of Transformer
- b. Location of Water Points
- c. Location of Water tank
- d. Location of Washroom, Septic tank and Soakage pit
- e. Location of Living Room
- f. Name of Owner & area acquired

The above is submitted for the Engineer's review and approval please.

Yours truly,

Wu Ruiyin

Project Manager
For CGGC-GRC Joint Venture



DOHWA ENGINEERING CO.,LTD.			
Hassanabdal to Havelian Section-E35			
Received on dated:			
Deeg	Info	Action	Priority
ENGR			
ARE-I			
ARE-S			
QS			
EMS			
379		✓	
Note:			

Encl.:

- 1. Layout of Batching Plant

C.C.:

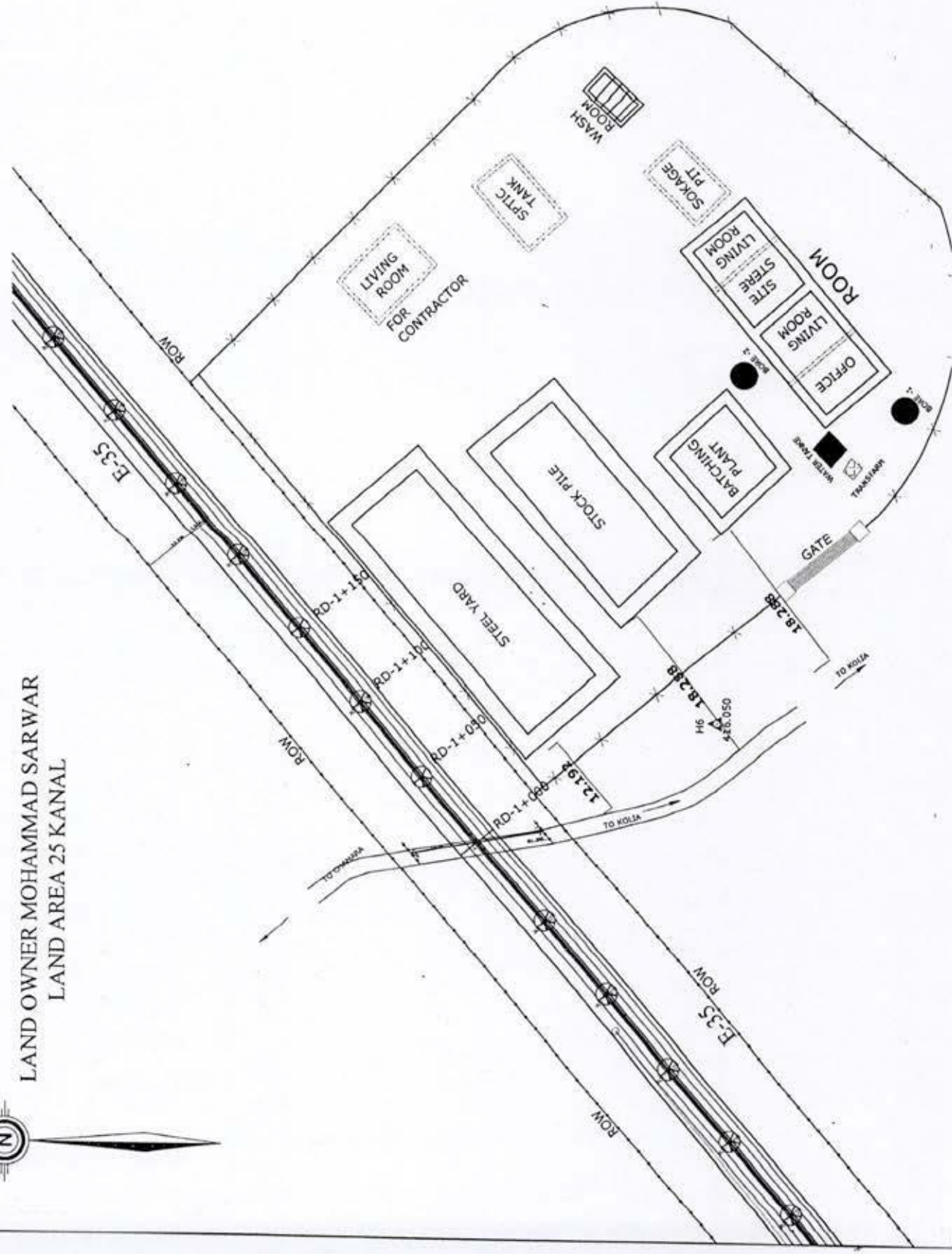
- 1. General Manager (E-35), NHA, Burhan
- 2. Project Director (E-35), NHA, Abbottaba

M/s China Gezhouba Group Company Limited – M/s Ghulam Rasool & Company (pvt) Ltd.
CGGC E-35 Management.Staff College Hostel No.A, Hostel Road, T & T Colony, Haripur
Email: e35highway@163.com Tel.: +92-313-8509902

- check & issue letter*
GRC
- 1*. Lease agreement /NOC from owner.
 - 2*. Restovation Method.
 - 3*. Transit-Mixer washing and cleaning yard area.
 - 4* Photo evidence of site before installation of plant.

CONSTRUCTION OF HASSANABDAL - HAVELIAN SECTION OF E-35 PACKAGE-1
 BURHAN TO JARIKAS (KM 0+000 TO KM 20+400)
 LAY OUT PLAN OF BATCHING PLANT AT RD 1+000

LAND OWNER MOHAMMAD SARWAR
 LAND AREA 25 KANAL



CGGC-AM ASSOCIATES JV E-35-II PROJECT MANAGEMENT IN PAKISTAN

Ref: CAJV-E35 - 91

Date: 06 May 2015

The Engineer
DOHWA in Association with EMS and PETC
Jalo Stop, Near Mannu Nagar, Burhan
Interchange, Burhan

Construction of Hassanabdal-Havelian Section of E-35 - ICB-E-35-II: Jarikas to Sarai Saleh (Km 20+400 TO Km 39+611)

Subject: **Submission of Drawings of Main Camp Office**

Dear Sir,

Please find enclosed herewith the drawings of main camp office for your review and approval.

Yours truly,



AMF Alavi

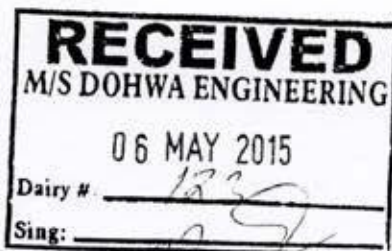
Authorized Representative
For CGGC-AM Associates Joint Venture

Encl:

1. Vicinity Plan
2. Layout Plan of Main Camp Office
3. Layout of Labour Camp
4. Layout Plan of Workshop, Steel Yard and Equipment Yard.
5. Land Agreements
6. Environmental Plan.

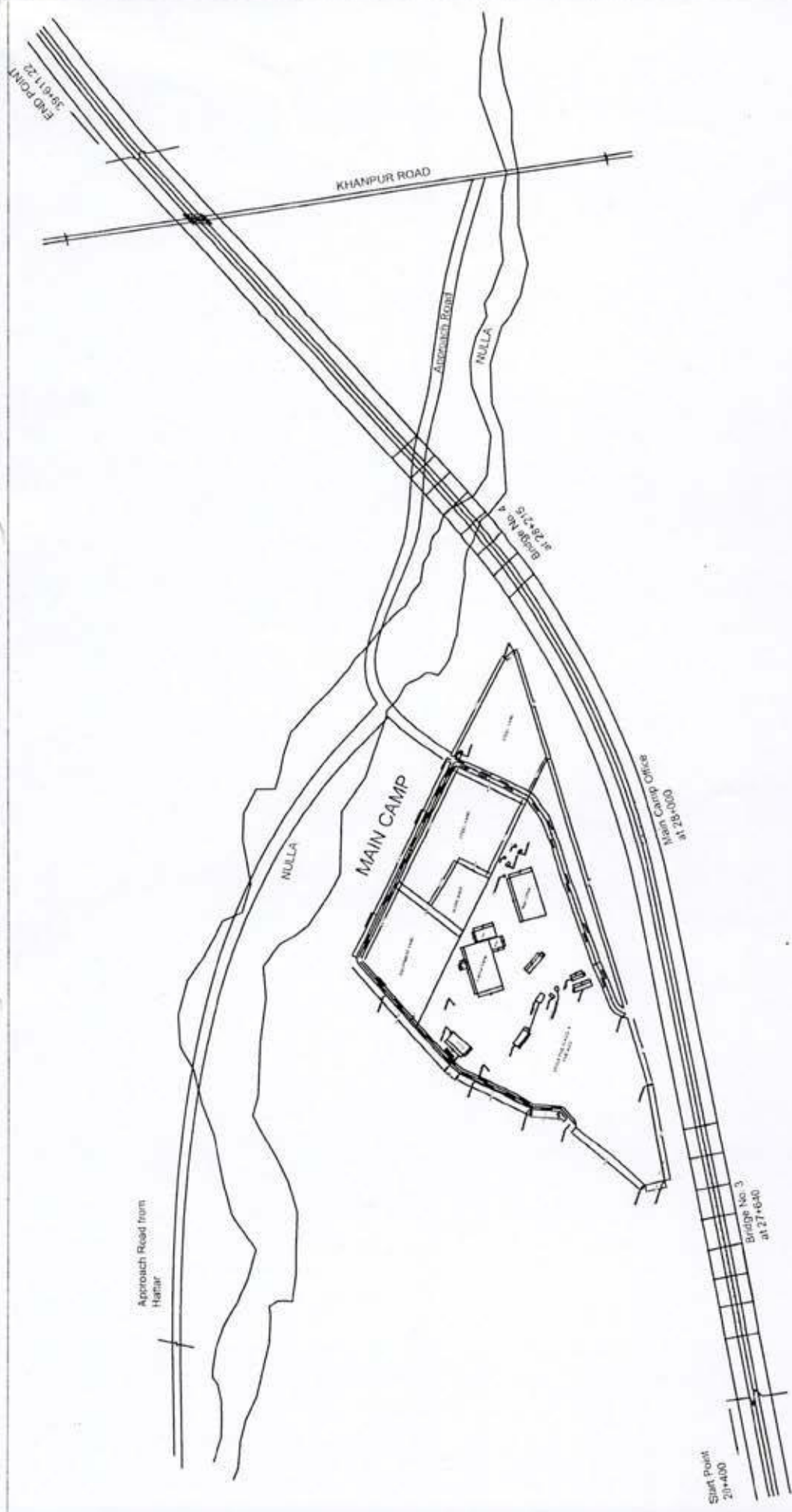
C.C.:

1. General Manger (E-35), NHA, Burhan
2. Project Director (E-35), NHA, Abbottabad
3. Mr. Zafar Siddiqui, EMS, Islamabad



DOHWA ENGINEERING CO., LTD.			
Hassanabdal to Havelian Section-E35			
Received on behalf:			
Des.	Title	Reason	Remarks
ENGR			
ARCHT			
ARE-5			
QS			
PAE			
Zafar 20 ✓			
check & report to Zafar			

CONSTRUCTION OF HASSAN ABDAL TO HAVELIAN SECTION OF E-35
 PACKAGE JARIKAS TO SARAI SALEH (20+4 ~ 39+611.22)

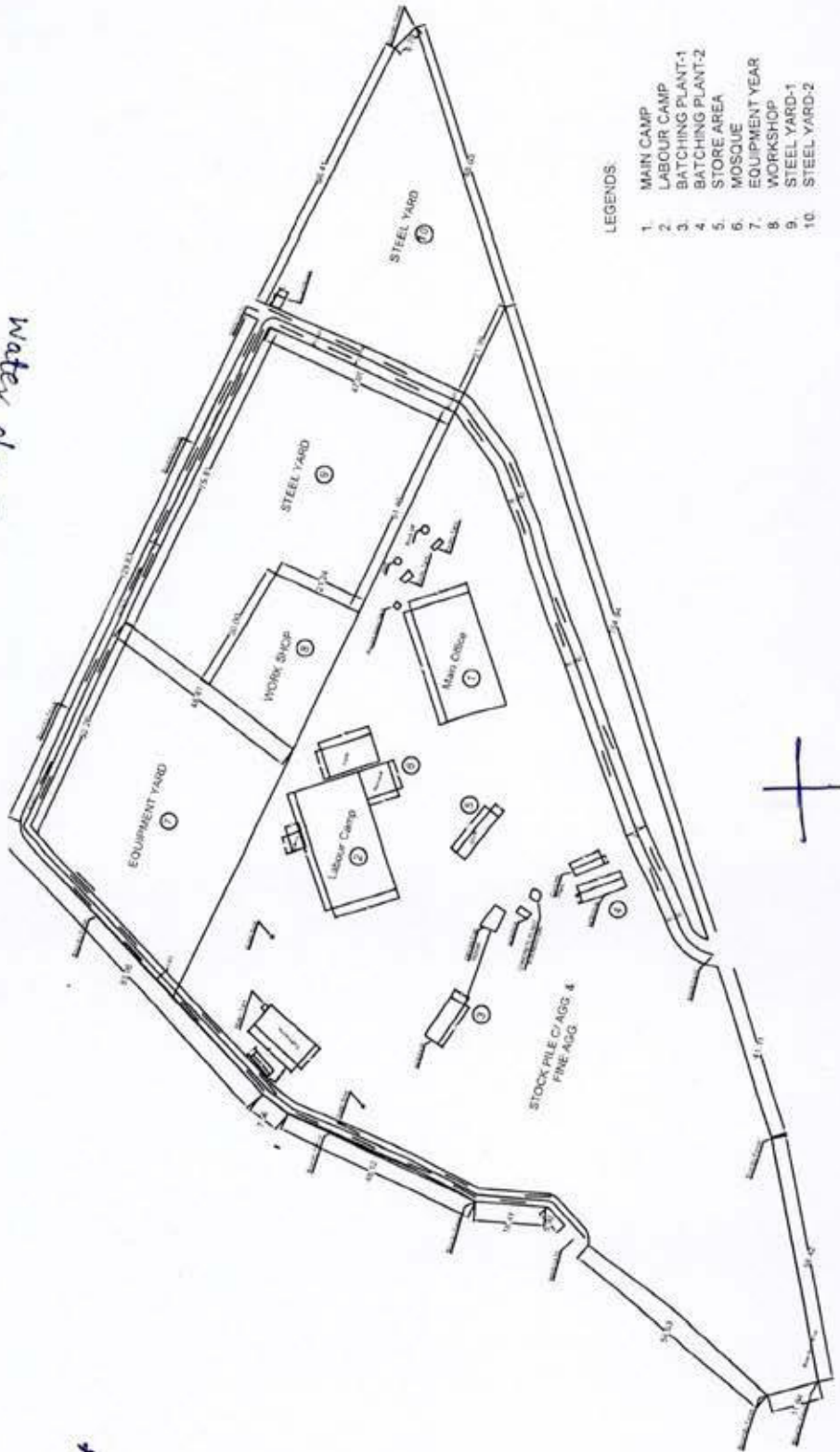


Client :- NATIONAL HIGHWAY AUTHORITY ISLAMABAD	Consultant :- M/S DOHWA IN ASSOCIATION WITH EMS & PETC Contractor :- CGGC--AM ASSOCIATE (JV)	Detail of Drawing: Title: VICINITY PLAN (MAIN PLAN) Sheet: 1 of 2 Date: 3/4/2015 Revised Date: 6/4/2015		CONTRACTOR'S REPRESENTATIVES: Drawn By: Amjad Ali Checked By: M. Usman Siddiqui Planning Engineer 		CONSULTANT'S REPRESENTATIVES: Approved By: Resident Engineer Signature:	
		Contractor's Representative: Department Head:		Approved By:		Signature:	

CONSTRUCTION OF HASSAN ABDAL TO HAVELIAN SECTION OF E-35
PACKAGE JARIKAS TO SARAI SALEH (20+40) 39+611.22

Water channel

Agricultural land.



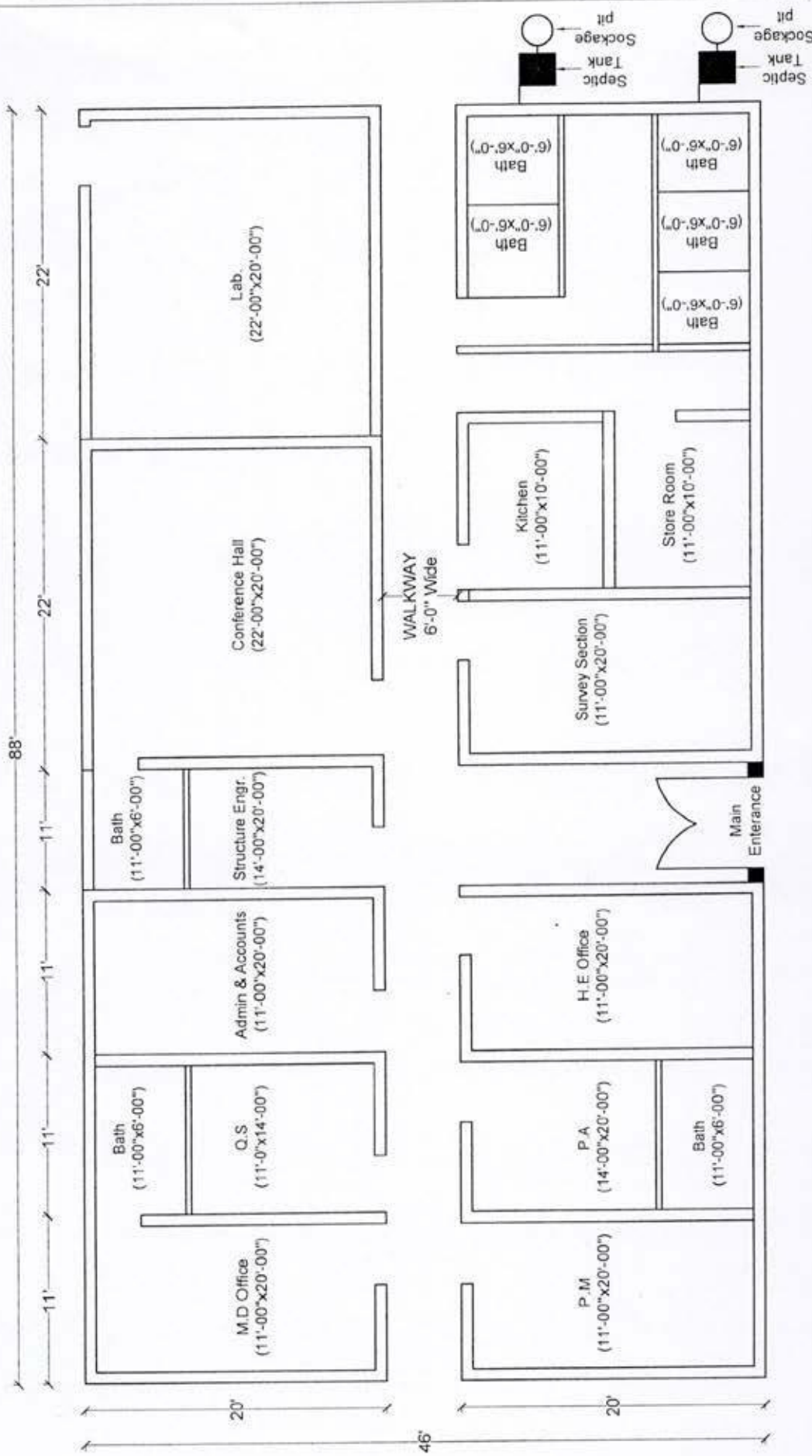
LEGENDS:

1. MAIN CAMP
2. LABOUR CAMP
3. BATCHING PLANT-1
4. BATCHING PLANT-2
5. STORE AREA
6. MOSQUE
7. EQUIPMENT YARD
8. WORKSHOP
9. STEEL YARD-1
10. STEEL YARD-2

Row

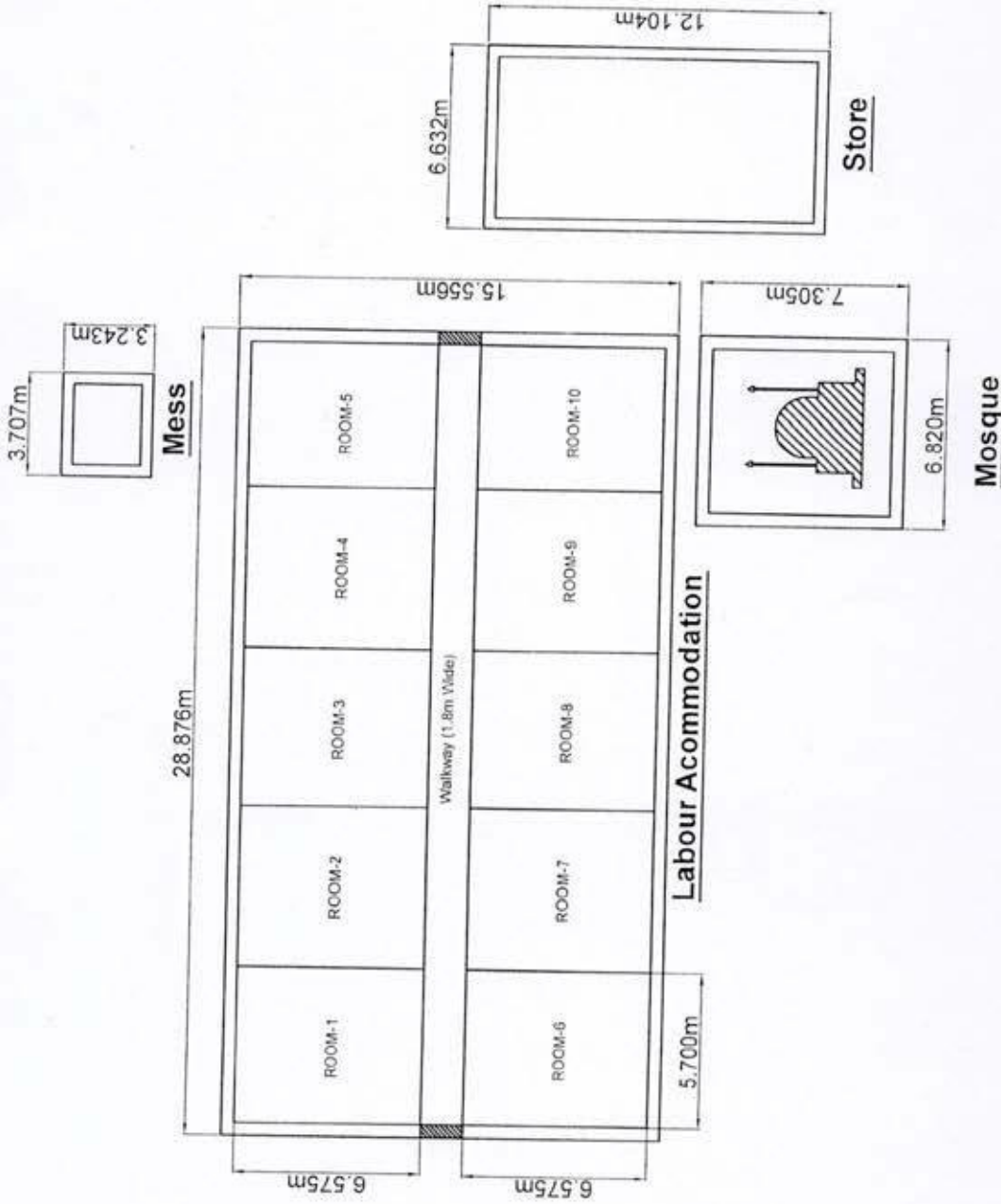
<p>Client:-  NATIONAL HIGHWAY AUTHORITY ISLAMABAD</p>	<p>Consultant:-  D HWA M/S DOHWA IN ASSOCIATION WITH EMS & PETC</p>	<p>Detail of Drawing: Title: VICINITY PLAN Sheet: 2 of 2 Date: 3/4/2015</p>		<p>CONTRACTOR'S REPRESENTATIVES:</p>	
		<p>Contractor:-  CGGC--AM ASSOCIATE (JV)</p>	<p>Drawn By: Amjad Ali Checked By: Muhammad Usman Planning Engineer</p>	<p>Department Head</p>	<p>Approved By: Resident Engineer</p>

CONSTRUCTION OF HASSAN ABDAL TO HAVELIAN SECTION OF E-35 PACKAGE JARIKAS TO SARAI SALEH (20+4C) 39+611.22)



<p>Client :- NATIONAL HIGHWAY AUTHORITY ISLAMABAD</p>	<p>Consultant:- MS DOHWA IN ASSOCIATION WITH EMS & PETC Contractor:- CGGC--AM ASSOCIATE (PVT)</p>	<p>Detail of Drawings: Title: LAYOUT PLAN OF CONTRACTOR'S MAIN CAMP OFFICES Scale: 1 of 1 Date: 02/04/2015</p>		<p>CONTRACTOR'S REPRESENTATIVES: Drawn By: Amlad Ali Checked By: M. Usman Siddiqui Planning Engineer</p>		<p>CONSULTANT'S REPRESENTATIVES: Department Head: [Signature] Approved By: Resident Engineer Signature: [Signature]</p>	
		<p>Sheet: 1 of 1</p>		<p>Approved By: Resident Engineer</p>		<p>Signature: [Signature]</p>	

**CONSTRUCTION OF HASSAN ABDAL TO HAVELIAN SECTION OF E-35
PACKAG' I JARIKAS TO SARAI SALEH (20' 0 ~ 39+611.22)**



 NIA NATIONAL HIGHWAY AUTHORITY ISLAMABAD	Client :- NATIONAL HIGHWAY AUTHORITY ISLAMABAD	 D HWA M/S DOJWA IN ASSOCIATION WITH EMS & PETC	Consultant :- CGGC -- AM ASSOCIATE (JV)	Title of Drawing: Layout Plan of Labour Camp		CONTRACTOR'S REPRESENTATIVES: Drawn By: Amjad Ali Checked By: M. Usman Siddiqui Planning Engineer		CONSULTANT'S REPRESENTATIVES: Department Head: [Signature] Approved By: Resident Engineer	
				Sheet: 1 of 1 Date: 02-04-2015 Revised: [Signature] Date: 06-04-2015	Signature				

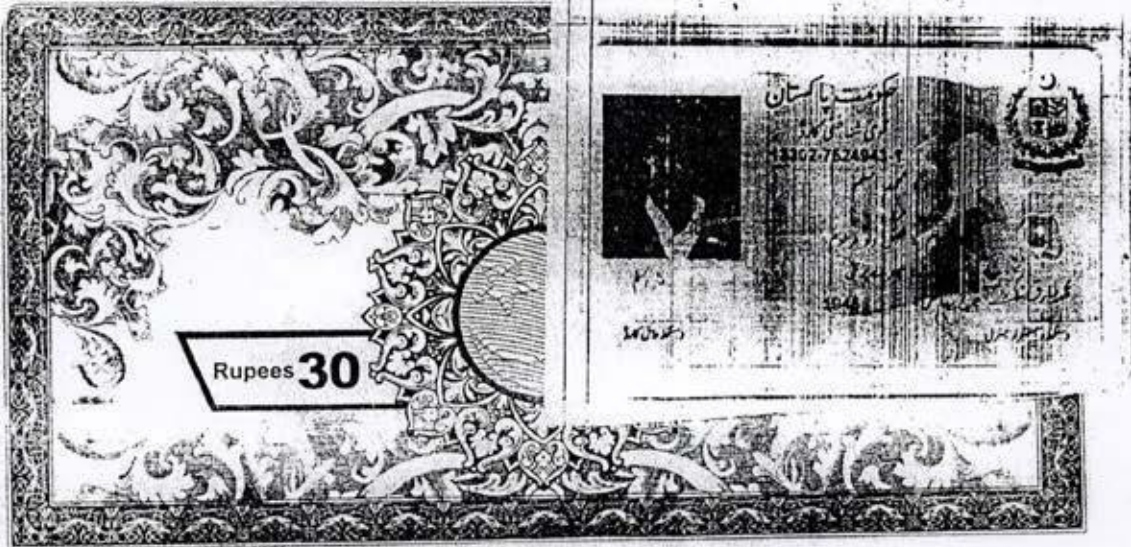
CONSTRUCTION OF HASSAN ABDAL TO HAVELIA SECTION OF E-35
 PACKAGE JARIKAS TO SARAI SALEH (20+4 ~ 39+611.22)



	Client :- NATIONAL HIGHWAY AUTHORITY ISLAMABAD		Consultant:- M/S DOIHWA IN ASSOCIATION WITH EMS & PETC		Contractor:- CCGC-AM ASSOCIATE (JV)	Title of Drawing: Plan of Workshop, Equipments Yard and Steel Yard		CONTRACTOR'S REPRESENTATIVES:	
						Sheet: 1 of 1 Date: 09-04-2015 Reviser:	Date: 09-04-2015 Date: 09-04-2015	Drawn By: Amjad Ali Checked By: M. Usman Siddiqui Planning Engineer	Department Head:

Agreement of Locals for Land Acquisition

For Main Camp, Offices, Labour Camp



بیک دکنہ اسٹیٹ بینک

آؤرنہ معاہدہ مابین زینینا

معاہدہ نمبر ۱۰۱۰۱۱۵ کے تحت دار سائے سرے پنل نمبر ۱۰۱۱۵
 طاری صبحی AM جنہل پنل اسپرس ایٹ اسلام آباد
 کہ مابین زینینا بابت آؤرا لہ خبرہ ۱۲۵۵ دائرہ سرے
 پنل نمبر ۱۰۱۱۵ سے نمبر ۱۰۱۱۵ کا مالک ہے
 کہ نمبر ۱۰۱۱۵ کے جہاز زینینا پنل AM اسپرس ایٹ کے آؤرا لہ
 پنل نمبر ۱۰۱۱۵ کے جہاز کے درمیان
 کہ اس معاہدہ درمیان کیلئے ٹور پور جہاز زینینا کر دیا ہے آؤرا
 کہ مابین زینینا پنل مبینہ | پیدائش | سٹور | استعمال کرنے کا ہے پنل
 اور کت ضرورت میں جو چیز استعمال کرنا چاہے کر سکتا ہے ۱۰۱۱۵
 سے زینینا ایک کڑی دارشہ دخل انداز نہ کرے گا معاہدہ آؤرنہ سے شروع
 ہے کیا ہے کہ باہمی دفاقت سے دربارہ تر سے لے جا سکتا ہے لہذا آؤرنہ
 دربارہ وہاں سائے سے آؤرنہ ہے

۱- ۱۳۹۵۱۶۷-۱
 ۱- ۱۳۹۵۱۶۷-۱
 ۱- ۱۳۹۵۱۶۷-۱
 ۱- ۱۳۹۵۱۶۷-۱
 ۱- ۱۳۹۵۱۶۷-۱

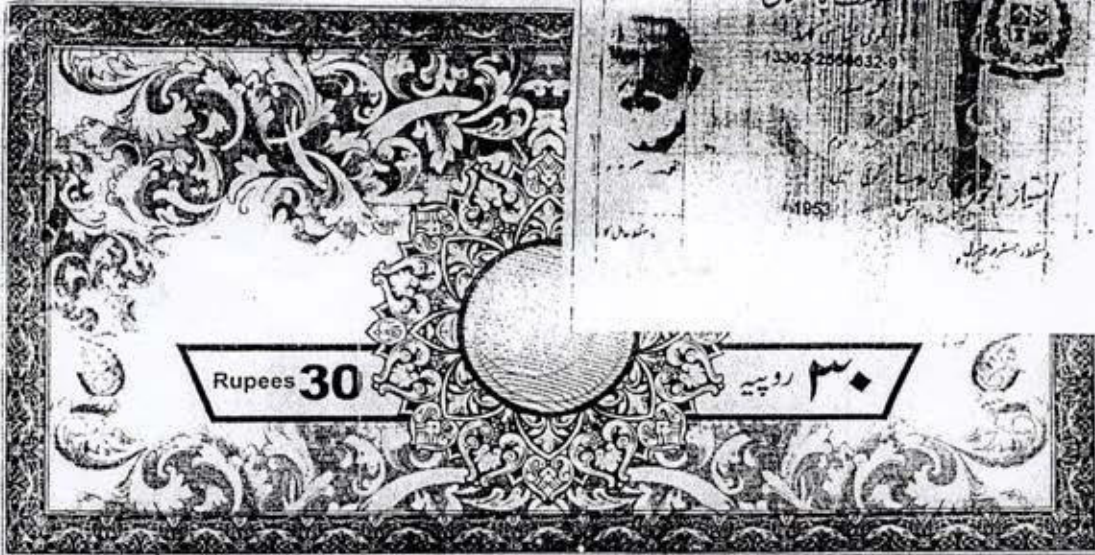
۱۰/۱۱/۱۵
 ۶۹
 ۷

طاری صبحی AM
 اسٹیٹ بینک

۱- ۱۳۹۵۱۶۷-۱

نہلم زینینا
 ۱۰۱۱۵





افراد نامہ معاہدہ ز تعین

یک قلم اشیا کا لیفا

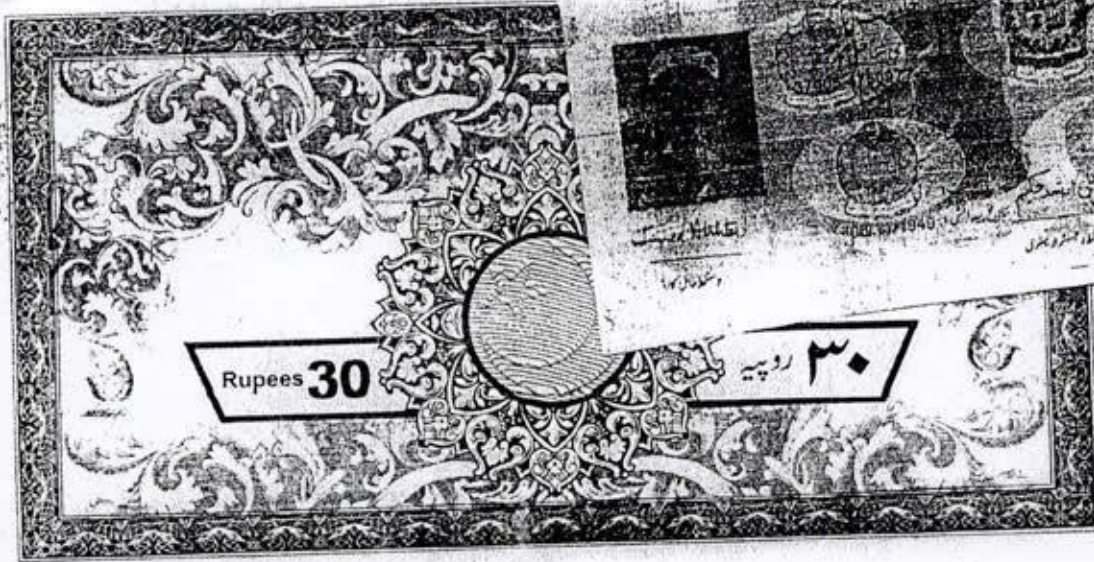
مایانہ محمد سعید احمد مدد سے یہ رقم لیا گیا ہے۔
 طارق صاحب AH جنرل منیجر ایس ایف اسلام آباد
 جو ماہینہ و بین بنیاب آراچی بٹمنہ ۱۵۵۵ دائرہ دفعہ سرایہ لکھنؤ
 جو لکھنؤ ۱-۲ ز بڈ آڈن ملکیت جو مذکورہ آراچی بٹمنہ
 نمائندہ ز یو ڈی AH جنرل منیجر ایس ایف اسلام آباد
 ڈاکٹر مجاہد فیصل ۱۶۵۱ دہلی انڈیا انڈیا از ان ز یو ڈی ۱۶۵۱
 جو مذکورہ آراچی ز یو ڈی ٹینک / پلانٹ / اسٹور / حکم کیلوات
 حضرت جو مدد در پستی پر اسٹاکر کا پابند و مجاز ہو گا۔
 ز بڈ آڈن مذکورہ آراچی جو آکرہ میں سے رقم کی رخصت لکھنؤ سے کرے گا۔
 اور یہ یا کما دیکھو رٹ و کارٹ پورا کرے گا۔ لہذا معاہدہ اختتام دونوں
 ز یو ڈی مذکورہ سے کرے گا۔ جو باہمی رضا مندی سے تو بیع ہو گا۔ معاہدہ مذکورہ
 اور ذرا تاریخ سے شروع ہو گا۔ لہذا معاہدہ درج ذیل گواہان کے ساتھ ہے۔

رقم نامہ جنرل منیجر سے منظور کیا گیا ہے۔
 ۱۶۵۱-۱۶۵۲-۱۶۵۳
 ۱۶۵۱-۱۶۵۲-۱۶۵۳
 ۱۶۵۱-۱۶۵۲-۱۶۵۳
 ۱۶۵۱-۱۶۵۲-۱۶۵۳



طارق جنی AH

محمد سعید احمد مدد سے



بند دکنہ انساپ مالیا

اقرارنامہ معاہدہ مابین زینین

ماہانہ جاہدہ افتخار میر زمانہ کمال ٹراڈ بینٹس پریس ڈبہ آڈن
 طارک صبا جنرل منجہ ۱۰ ایم ایس ایٹ ایس آبار ٹریڈ ڈوم
 جم معاہدہ زینین بابت آراء ہی بدخو ۱۲۴۶ لٹھ ادن ۱۶-۹ داؤد ریشو ضا سر باڑی
 کلیت زین آڈن ۱۸ ایم ایس ایٹ ۲ جہا بابت اسٹمال مبلغ ٹینہ
 پلانٹ اسٹور بیلڈ ۶۵۰ پرف کال ۲ جاہدہ زین آڈن انڈران رٹم
 AM ایس ایٹ زینین معاہدہ زین ڈوم ۲ دم پال جہ اور کرہ آڈا ہی جب
 حالت مہ جہا زین ڈوم ۱۰ اس حالت مہ دیا کوٹا آرا لڈا کرہ ان
 زینین منتقل نہ ہوگی . انہ مہ ذکرہ آڈا ہی مہ زین آڈن کرہ زردخ
 انداز دکنہ کامجاز مہا - لب معاہدہ احاطہ دیاہ کر سیرورٹون زینین
 ک باہر د خانہ ک - بدیع پرگا - معاہدہ امرڈو نارنج ۲ شہل پر
 ہر دو سال بیلڈ طابا جہ معاہدہ مہ زینین پائینڈ کر بگہ

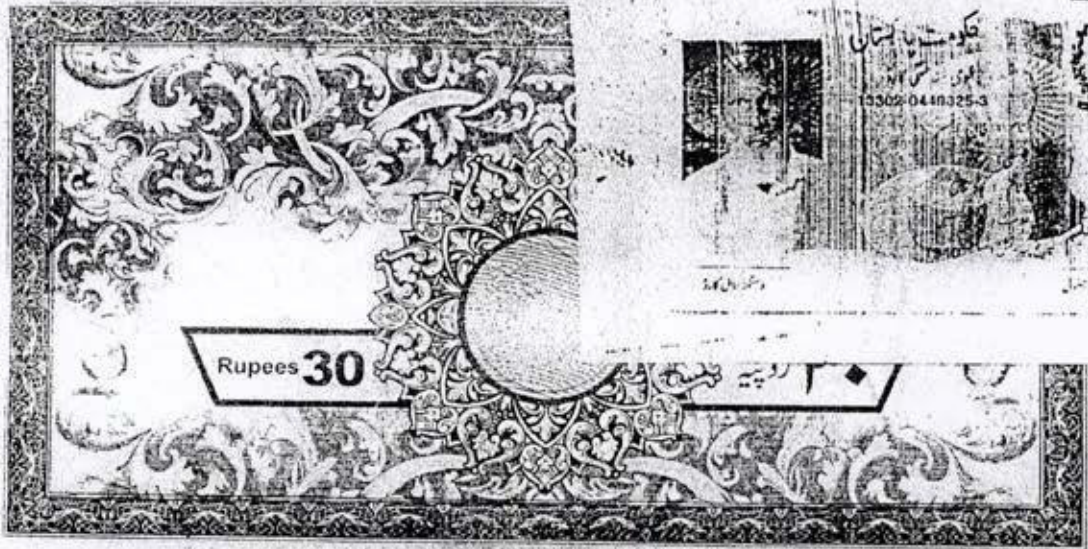
۱-۱۶۷۵۶۶۷-۵۹۹۵۶۶۷
 ۱-۱۵۶۱۵۶۱-۵۹۹۵۶۶۷
 ۱-۱۶۷۵۶۶۷-۵۹۹۵۶۶۷
 سہ ماہیہ جہا شہا مہ
 سہ ماہیہ جہا شہا مہ
 سہ ماہیہ جہا شہا مہ

لینڈا اڈا انڈر رڈو ایٹا حاشیہ ۳۷۴۵۵-۴۷۵۰۹۷۷-۵



طارک صبا جنرل منجہ
AM ایس ایٹ

F331931



آوارہ معاہدہ مابین زینین
 یک نقطہ اسٹیٹ بینک

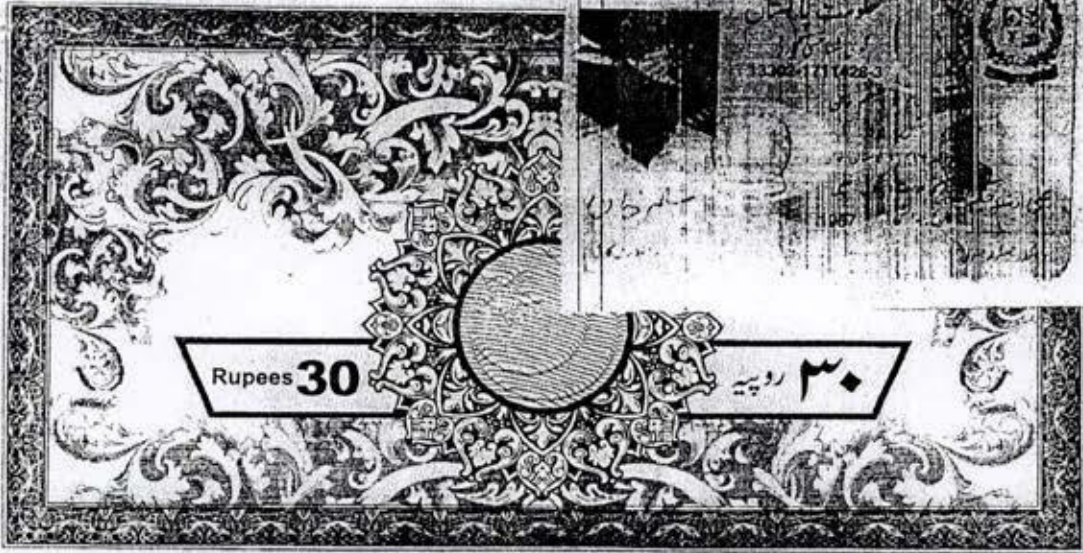
مابین خانہ آوارہ کمال خانہ سر یا نیشنل بینک
 طاق صید جنرل بینر AM اسپرٹس اسلام آباد فریڈم
 چہ مابین زینین باب آوارہ بڑے 1255 1255 دائرہ سر یا نیشنل
 بک بڈ ٹیڈک 16-8 کاسٹ م. چہ نکرہ آراھی بندو غاشہ
 AM اسپرٹس سے سائو معاہدہ چہ کرے رقم فی کنال 750 پیسے
 چہ چہ کرے ایڈوانس رقم ازان زینین سے وہ پیسے
 زینین آراھی نکرہ ہوا کرہ سے مینٹیک / پلانٹ / اسٹور حکم کیا
 چہ نکت خدمت اسٹور پیشہ ہوا سٹان کرہ کا پائے و مجاز سہ چہ
 زینین آراھی ہوا کرہ سے مینٹیک مین ڈخل ازان نکرہ چہ اور نیا اسکا
 دارت دکاوت پیدا کر گیا لب معاہدہ اقسام ددوں زینین نہ توسیع
 کر گیا چہ باسی رکاشہ سے توسیع ہوا معاہدہ نکرہ امرزہ
 تاریخ سے شروع ہوا چہ لہذا آوارہ معاہدہ و دیگر اہل حاشیہ
 سہ آراھی

13302-0440325-3
 13302-0440325-3
 13302-0440325-3
 خانہ آوارہ
 خانہ آوارہ
 خانہ آوارہ



طاق صید AM
 اسپرٹس

خانہ آوارہ
 خانہ آوارہ



ادارنامہ معاہدہ مابین زینتینا

مکتبہ نکل انٹرنیشنل - ۱۰/۱۱/۱۵

یادداشتہ مسلم فائونڈیشن سائنس خانہ کاراچو پورہ پبلشرز سے — زینتینا
 ملاوٹ صیفی جنرل مینجر AH اسپرٹس ایب اسلام آباد — زینتینا
 کہ مابین زینتینا بابت آراء فی بندہ 1244 واقف و مفاہیر سے — لکھنؤ ۱۰-۵
 ملک زینتینا سے جو کہ AH بندہ کاٹھہ زینتینا کے رسالے سے لزم
 در (۱) سال بیک AH جو کہ ہے جو فی کنال بجا ہے ۱۰/۱۱/۱۵ کے ابتدائی
 اتفاقاً ازاں زینتینا سے دم دیکال ہے۔ زینتینا آراء فی مذکورہ جو کہ
 سے مینڈر اپلاٹ اسٹورم قسم بیک کہ آراء فرسے ہیں استہانہ
 کیا پابند ہو گا آراء فی مذکورہ سے زینتینا یا دیگر کوئی ادارت قسم کے دخل
 اندازہ یا رکاوٹ پیدا نہ کرے گا۔ بلکہ معاہدہ اختتام دونوں زینتینا مزید
 تو سب سے کرے گا۔ باہمی دفاہندہ سے ترسیع ہو گا۔ معاہدہ مذکورہ
 اور ذیل تاریخ سے نافذ ہو گا ہے

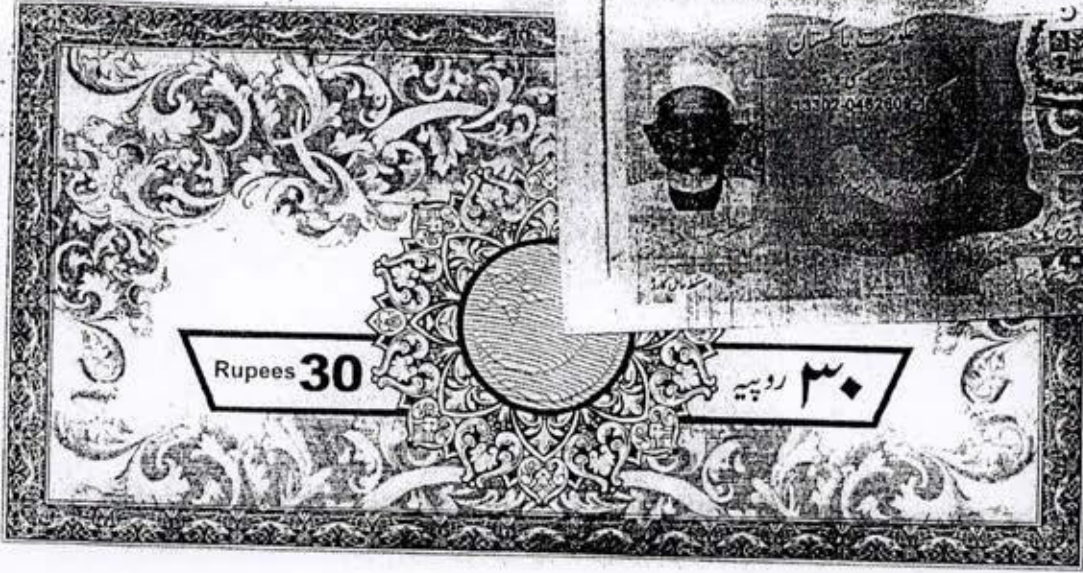
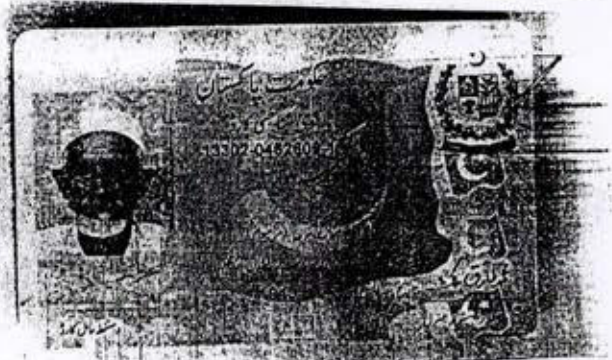
مکتبہ نکل انٹرنیشنل
 ۱۰/۱۱/۱۵
 اسلام آباد

لہذا آراء معاہدہ درج ذیل ہے

12202-1711428-3
 مسلم خانہ زینتینا
 مسلم خانہ



ملاوٹ صیفی AH



افراد معاہدہ مابین زینتین

بف حاکم انصاف - مالیت

مابینہ عزیز نواز میاں نے راج پور میں ضلع اور
ماری میں جنرل بینر AM ایس ایس اور ایم آر
مابین زینتین مابین افراد ۱۲۵۰ راتہ سر سٹیشن ۱۱-۱۲ ماس
جنرل ماریہ راج بلہ اسمال AM ایس ایس اور جنرل ماریہ
سٹریٹ کرک ہے اور نہ کرک رجسٹرڈ ہت ایسا ایڈوانس کنال
۱۲۵۰ پیہ ہے حاجہ از ان زینتین کے درمیان ہے نہ کرک معاہدہ امر روزہ
تاریخ کے شروع ہر چکا ہے جو کہ نہ کرک کے لکھا گیا ہے نہ
اور ان کے حالات میں جو ان کے جنرل ماریہ ہے اس حالت میں وہاں کرک
اور ان کے کرک میں سے کہ وہاں کرک کے متعلق نہیں ہے نہ کرک اور ان
میں زینتین یا کرک کے درمیان نہ کرک کے معاہدہ اختتام
درمیان زینتین کے درمیان نہ کرک کے معاہدہ کے درمیان زینتین
پابندی کرک ہے لہذا افراد دو دو ایسا معاہدہ ہے

۱۳۷۰۲-۰۴۶۲۶۰۹-۱
۱۳۷۰۲-۰۴۶۲۶۰۹-۱
۱۳۷۰۲-۰۴۶۲۶۰۹-۱
۱۳۷۰۲-۰۴۶۲۶۰۹-۱



ماریہ جنرل ماریہ AM ایس ایس
عزیز نواز زینتین
۱۳۷۰۲-۰۴۶۲۶۰۹-۱

UNDERTAKING / AGREEMENT BETWEEN PARTIES

1. Muhammad Aslam S/O Fazal Dad Resident of sirya Haripur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1258, measuring 14 Marla's situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

M.Asalam

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.

ATTN

4/5/15

**UNDERTAKING / AGREEMENT
BETWEEN PARTIES**

1. Muhammad Safdar S/O Ahmad Resident of sirya Haripur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1558, measuring 1 kanal 4 Marla's situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

M.Safdar

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.


A circular stamp is visible at the bottom center of the page, containing the name 'TARIQ HUSSAIN' and the date '21/5/15'. A handwritten signature is written over the stamp.

**UNDERTAKING / AGREEMENT
BETWEEN PARTIES**

1. Muhammad Asif S/O Feroz Din Resident of Rajpur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1251/2 , 1253/2, measuring 11 kanal situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

M.Asif

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

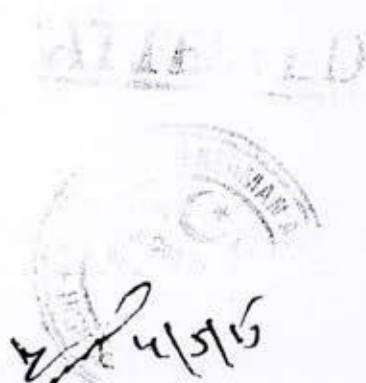
Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.

Dated : 6/01/2015

6/1/15



UNDERTAKING / AGREEMENT BETWEEN PARTIES

1. Javed Akhtar S/O Mir Zaman Resident of kal Tarao Haripur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1244/1 , measuring 9 kanal , 16 Marla's situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

Javed Akhtar

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.

Dated: 6/01/2015

4/07/15



**UNDERTAKING / AGREEMENT
BETWEEN PARTIES**

1. Khan Afsar S/O kala khan Resident of Sirya Haripur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1255/1 ,1255/2 , measuring 8 kanal , 14 Marla's situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

Khan Afsar

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.

Dated: 10/01/2015

Handwritten signature and date: 10/01/15

UNDERTAKING / AGREEMENT BETWEEN PARTIES

1. Muslim khan S/O Bostan khan Resident of Rajpur Haripur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1244 , measuring kanal , 5 Marla's situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

Muslim khan

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.

Dated: 10/01/2015



UNDERTAKING / AGREEMENT

BETWEEN PARTIES

1. Gharib Nawaz S/O Mian Khan Resident of Rajpur Haripur.

1st party.

2. Tariq Hussain General Manager AM Associates Situated in Islamabad.

2nd party.

Land Khasra No 1250/2 , measuring 11 kanal situated at sirya Tehsil & District Haripur, which is owned by the first party

The 2nd party, AM Associates has paid Rs.750/= per kanal to the first party

The agreement is valid for 2 two years and the 2nd party is supposed to use this land for machinery , store , plant etc. and the first party nor his legal heir will disturb the 2nd party.

This agreement is started from today which is extendable with the mutual consent of both the parties.

Therefore, this agreement is presented in the presence of the following marginal witnesses.

Signed

Gharib Nawaz

Signed

Tariq Hussain AM ASSOCIATES

Witness # 1

Syed Zahid Hussain Shah

CNIC# 13302-0495067-1

RES: Phara Haripur

witness # 2

Mohammad Irshad

CNIC# 13302-0492186-1

RES: HARIPUR.

Dated: 06/01/2015

ATTES
4/5/15

CGGC-AM ASSOCIATE JV E-35 Package-II

ENVIRONMENT PLAN (Construction Crew & Camps)

REV	DATE	STATUS	WRITTEN BY	CHECKED BY	APPROVED BY
00	April 4, 2015	Issued for review	Tariq M. Qureshi		

CGGC-AM ASSOCIATE JV

E-35 Package-II

Construction Crew, Camps

- ❖ Site Specific Environmental Management Plan (SSEMP) will be submitted to the Engineer for approval. No tree will be cut/uprooted prior to approval of the Engineer.
- ❖ The area of camp site will be utilized as per requirement of work. The detailed layout plan of the camp site shall be prepared and submitted to the Engineer.
- ❖ The Contractor's camp will be established along with RoW. However layout of the camps will be prepared and submitted to the Engineer.
- ❖ The area of camp site will be utilized as per requirement of work. The detailed layout plan of the camp site shall be prepared and submitted to the Engineer.
- ❖ Vehicle washing area will be constructed to collect wastewater from washing area. Drip pans will be utilized to remove the oil and grease from waste water of vehicle washing area.
- ❖ The main camp site and labour camp site sewage system will be comprises of Septic tank and Soakage pits for primary treatment. Further after filling of collection chamber wastewater will be dewatered and sprinkled away from camp site.
- ❖ Soakage pit will not be constructed which will contaminate the ground water.
- ❖ A lined collection chamber will be constructed. It will be ensured that wastewater will not mix with ground water.
- ❖ Collection sumps will be constructed in absorbent soil, down slope and above the ground water to avoid the contamination.
- ❖ The rain drainage system will be constructed inside the camp area. Pounding of water will be avoided by proper drainage system.
- ❖ During the recruitment preference will be given to local people who will be direct affected by the project activities.
- ❖ An awareness campaign will be run inside the camp about social issues. It will also be ensured that labour will not interact with local people particularly with women and children. The camp site will be constructed away from local settlement.
- ❖ A risk assessment of the diseases like HIV-AIDS, tuberculosis and other communicable diseases will be carried out and it will be tackled as deep appropriate.
- ❖ The first aid boxes will be kept at each site. An exclusive emergency vehicle will be kept at site.
- ❖ The Contractor will develop his own SOPs of HSE "Emergency Action Plan" for the approval of the Engineer.
- ❖ Potable water shall be periodically tested and certified by an authorized laboratory. The quality of potable water shall satisfy the local regulations and the client requirements.
- ❖ Non-Potable water for construction use shall be clearly pointed out.
- ❖ All domestic pets or farm animals shall be prohibited at the work site.

Annexure 6

Environmental Monitoring of Package 2



SOLUTION ENVIRONMENTAL & ANALYTICAL LABORATORY

DRINKING WATER ANALYSIS REPORT

Client Name: CGGC-AM Associates JV **Address:** E-35 Project Package II Khanpur Road Chachian Soka Rajpur Haripur
Sampling Point: Consultants Residence **Nature of Sample:** Drinking Water
Sampling Date: 02-06-2015 **Date of Completion:** 09-06-2015
Sampling By: SEAL-Lahore **Reference No.:** SEAL/CGGCAM/15/002 DW

Results:

Sr. No.	Parameter	Unit	Result	WHO Guideline
1	Temperature	^o C	20.0	----
2	Ph	--	7.10	6.5-8.5
3	Total Dissolved Solids (TDS)	mg/l	367	1000
4	Total Suspended Solids (TSS)	mg/l	01	---
5	Chloride	mg/l	49	250
6	Fluoride	mg/l	0.2	1.5
7	Taste	Object./unobj.	Unobject.	Unobject
8	Odour	Object./unobj.	Unobject.	Unobject.
9	Colour	TCU	0	15
10	Iron	mg/l	0.01	0.3
11	Sodium	mg/l	39	200
12	Nitrate (as NO ₃ ⁻)	mg/l	1.2	50
13	Nitrite (as NO ₂ ⁻)	mg/l	BDL	3
14	Ammonia	mg/l	0	1.5
15	Hydrogen Sulphide (H ₂ S)	mg/l	BDL	0.05
16	Sulphate	mg/l	54	250
17	Lead	mg/l	BDL	0.10
18	Total Hardness as CaCO ₃	mg/l	160	500
19	Turbidity	NTU	0	5
20	Zinic	mg/l	0.4	3
21	Manganese	mg/l	BDL	0.1
22	Benzene	mg/l	BDL	10-120
23	Aluminum	mg/l	BDL	0.2
24	Molybdenum	mg/l	BDL	0.070
25	Chromium	mg/l	BDL	0.050
26	Cadmium	mg/l	BDL	0.003
27	Boron	mg/l	BDL	0.300

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KARACHI OFFICE:

Office No. M-07 in Fort Sultan opp. Air Port Telephone Exchange Shahr-e-Faisal, Karachi - Pakistan. Phone : 92-213-2014331
Fax : 92-213-2014331 Email : karachi@seal.com.pk



SOLUTION ENVIRONMENTAL & ANALYTICAL LABORATORY

Client Name: CGGC-AM Associates **Address:** E-35 Project Package II Khanpur
JV Road Chachian Soka Rajpur Harripur
Sampling Point: Consultants Residence **Nature of Sample:** Drinking Water
Sampling Date: 02-06-2015 **Date of** 09-06-2015
Sampling By: SEAL-Lahore **Completion:**
Reference No.: SEAL/CGGCAM/15/002 DW

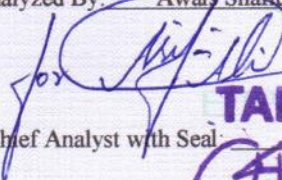
Sr. No.	Parameter	Unit	Result	WHO Guideline
28	Barium	mg/l	BDL	0.700
29	Antimony	mg/l	BDL	0.005
30	Arsenic	mg/l	BDL	0.010
31	Cyanide	mg/l	BDL	0.070
32	Mercury	mg/l	BDL	0.001
33	Nickel	mg/l	BDL	0.020
34	Total Coliform	Number/100ml	0	0/100 ml
35	E.Coli	Number/100ml	0	0/100 ml


Remarks: The sample is fit for drinking purpose.


Note:

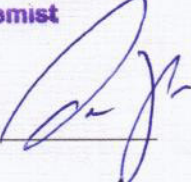
- BDL (Below Detection Limit)
- This report should be reproduced as a whole and not in parts.
- The responsibility of the ethical use of the results reported in this report lies with the client. Consequently, the laboratory is absolved of its responsibility for any claim that may result through the use by the client or others of the results appearing in this report.
- The left over samples (if so available) shall be retained for fifteen days after the issuance of the report unless otherwise negotiated between the client and the laboratory.
- The report is not valid for any negotiation.

Sample Analyzed By: Awais Shafique

Signature: 

Name of Chief Analyst with Seal: 

Signature of Chief Analyst: 

Signature of Incharge Environmental Laboratory: 

Name: Aleem Butt

Designation: Chief Environmentalist

Date: 09-06-2015

Page 2 of 2



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SOLUTION ENVIRONMENTAL & ANALYTICAL LABORATORY

NOISE LEVEL MONITORING REPORT

Project Title: CGGC-AM Associates JV
Monitoring Date: 02-07-2015
Reporting Date: 09-07-2015
Monitoring By: SEAL
Results:-

Site Location: E-35 Project Package II Khanpur Road Chachian soka Rajpur Haripur
Instrument Used: Digital Sound Level Meter TM-102
Time of Monitoring: 11:30am – 01:00 pm
Reference No: SEAL/CGGCAM/15/0001 NM

Sr. No.	Monitoring point	Min. Noise Level (dB A)	Max. Noise Level (dB A)	Avg. Noise Levels (dBA)	Remarks
1	Near Batching Plant RD 28+000	63.4	65.2	64.3	All noise levels are found in compliance with permissible Limit (85 d BA) Although recommended measures as described in EIA may be taken if levels exceed permissible Limits.
2	Near Site Office	57.2	60.8	59.0	
3	Near Receptors RD 28+400	60.5	64.3	62.4	
4	Foot Sheep Roller RD 29+000	57.9	61.1	59.5	
5	Dump Truck RD 32+800	62.4	63.9	63.2	

NEQS: National Environmental Quality Standards
NGVS: No Guideline Value Set



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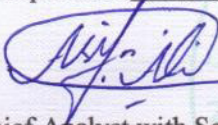
Project Title: CGGC-AM Associates JV
Monitoring Date: 02-07-2015
Reporting Date: 09-07-2015
Monitoring By: SEAL
Results:-

Site Location: E-35 Project Package II Khanpur Road Chachian soka Rajpur Harripur
Instrument Used: Digital Sound Level Meter TM-102
Time of Monitoring: 11:30am – 01:00 pm
Reference No: SEAL/CGGCAM/15/0001 NM

Note:

- Selected measurement units were dB A otherwise stated
- Quality was assured through self calibration of the instrument.
- The measurements were carried out on client request.
- The client is responsible lawful usage of reported data in future.
- The report is not valid for any negotiations.

Monitoring Supervisor: M.Asif Rana

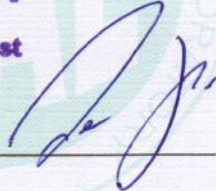
Signature: 

Name of Chief Analyst with Seal:

TAHIR SHAH

Chief Chemist

Signature of Chief Analyst: 

Signature of Incharge Environmental Laboratory: 

Name: Aleem Butt

Designation: Chief Environmentalist

Date: 09-07-2015



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EPA CERTIFIED

SOLUTION ENVIRONMENTAL & ANALYTICAL LABORATORY

AMBIENT AIR MONITORING REPORT

Client Name: CGGC-AM Associates JV
Monitoring Point: Near Receptors RD 28+000
Time Duration of Monitoring: 1 Hour
Site Location: E-35 Project Package II Khanpur Road Chachian soka Rajpur Harripur
Monitoring Date: 02-07-2015
Reporting Date: 09-07-2015
Monitoring By: SEAL
Reference No.: SEAL/CGGCAM/15/02AA

Results:


Sr. No.	Parameter	Unit	Results	NEQS	Remarks
1	PM ₁₀	(µg/m ³)	71	150	All values found in compliance with NEQS
2	CO	(mg/m ³)	1.6	10	
3	NO _x	(µg/m ³)	4.1	80	
4	SO _x	(µg/m ³)	2.6	120	

NEQS: National Environmental Quality Standards

Note:

- Quality was assured through self calibration of the instrument.
- The measurements were carried out on client request.
- The client is responsible lawful usage of reported data in future.
- The report is not valid for any negotiations.

Sample Analyzed By: M. Asif Rana

Signature: 

Name of Chief Analyst with Seal: **TAHIR SHAH**
Chief Chemist

Signature of Chief Analyst: 

Signature of Incharge Laboratory: _____

Name: Aleem Butt

Designation: Chief Environmentalist

Date: 09-07-2015



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SOLUTION ENVIRONMENTAL & ANALYTICAL LABORATORY

AMBIENT AIR MONITORING REPORT

Client Name: CGGC-AM Associates JV
Monitoring Point: Near Batching Plant 28+000
Time Duration of Monitoring: 1 Hour
Site Location: E-35 Project Package II Khanpur Road Chachian soka Rajpur Harripur
Monitoring Date: 02-07-2015
Reporting Date: 09-07-2015
Monitoring By: SEAL
Reference No.: SEAL/CGGCAM/15/01AA

Results:


Sr. No.	Parameter	Unit	Results	NEQS	Remarks
1	PM ₁₀	(µg/m ³)	75	150	All values found in compliance with NEQS
2	CO	(mg/m ³)	1.8	10	
3	NO _x	(µg/m ³)	6.0	80	
4	SO _x	(µg/m ³)	5.8	120	

NEQS: National Environmental Quality Standards

Note:

- Quality was assured through self calibration of the instrument.
- The measurements were carried out on client request.
- The client is responsible lawful usage of reported data in future.
- The report is not valid for any negotiations.

Sample Analyzed By: M. Asif Rana

Signature: 

TAHIR SHAH

Name of Chief Analyst with Seal:

Chief Chemist

Signature of Chief Analyst: 

Signature of Incharge Laboratory: _____

Name: Aleem Butt

Designation: Chief Environmentalist

Date: 09-07-2015



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ANNEXURE 6

PHOTOGRAPHS OF ENVIRONMENTAL MONITORING ON PACKAGE 1 & 2

PHOTOGRAPHS OF ENVIRONMENTAL MONITORING ON PACKAGE 1 & 2

Photo 1; Contractor has installed Concrete batching Plants at RD 28+200 for concrete work of Package 2.



Photo 2; Labour Accommodation at Camp site at RD 28+200.



Photo 3; Safety Warning Sign board at base camp.



Photo 4; Septic Tank at
Camp site on Package 1.



Photo 5; Borrow area at RD
0+600.



Photo 6; Instrumental
monitoring on Package 2



Photo 7: Water Sprinkling on Package 2 for dust suppression in front of base camp.



Photo; 8 Septic Tank # 2 at Base Camp of Package 2.



Photo; 9 Batching Plant at 5+260 is operational while steel workers have worn PPEs at Steel Yard Area on Package 1.



Photo 10 Contractor has installed hard barricades at RD 1+000 for safety of local traffic. Engineer's Environmental Specialist is regularly monitoring the project area and this site is repeatedly observed with dust. Contractor has stopped water sprinkling without any reason. Contractor is required to take care of dust problem at all project access routes.



Photo 11; Workers at RD 1+435 have worn helmets and high visibility jackets. We appreciate the progress of contractor regarding safety of workers under provision of clause 6.7 but as per Engineer's instruction and agreed decision in meeting, contractor have to provide safety shoes and gloves and goggles to all workers. Second round of monitoring will be carried out on Monday (1st June 2015).



Photo 12: Workers at RD 0+735 (box culvert) have worn helmets and high visibility jackets. Safety of worker's foot and hands is essential. Workers have requested that please provide us safety shoes and gloves on priority.



Photo 13; Workers at RD 1+200 (box culvert) have worn helmets and high visibility jackets. Safety of worker's foot and hands is essential. Workers have requested that please provide us safety shoes and gloves on priority. (Package 1)



Photo 14; Total 13 workers were working on box culvert under the supervision of site supervisor of GRC Mr. Imran. It was noted that drinking water is not provided to them while temperature was above than 30°C. It is key responsibility of site supervisor that ensure availability of drinking water and first aid facility at site. (Package 1)



Photo 15: Traffic sign boards stocked at camp just before installation at site on Package 1.



Photo 16; Traffic Warning sign board at Km 1+000 on Package 1. Water is sprinkled by CGGC-GRC.



Photo 17; Workers at PC Yard Area (Concrete Blocks) have worn PPEs but few have no Safety Shoes. Contractor is advised for full compliance.



Photo 18: Installation of traffic sign at RD 0+888 with reflecting tap for safety of contractor traffic movement.



Photo 19; Project ROW access route developed by Contractor on temporary basis.



Photo; 20 LPG Cylinder (gas) is provided at kitchen for cooking as per contract and EMP requirement at Camp of GRC at RD 5+260.



Photo-21; Kitchen at Camp site for labour/staff is inspected on 26th May 2015 and Contractor is advised for installation of net/fly control net around the cooking area at kitchen. Solid waste is collected at separate drum at kitchen.



Photo 22: Housekeeping and dust suppression at camp site in May 2015.



Photo 23: Main Store at camp site where safety cones, equipment and PPEs and tools are stored.



Photo 24: Fire Extinguishers at Camp site of GRC.



Photo 25; Steel work at box culvert at RD 1+200.on Package 1.



Photo 26; Earth work in progress.



Photos 27 & 28: Noise Monitoring and Tool Box Talk at Camp site on Packahe 2

Photo 29; Water Electric Cooler at Labour Barrack site at Base Camp of Package 2. A Labour is filling cool water for drinking purpose. Water Quality test will give us the status water quality and level of acceptance for human consumption. (Package 2)



Photo 30; Generator at Main Office site, placed concrete platform with a fire extinguisher. Fire Extinguisher is full and ready for handling fire accident. (Package 2)



Photo 31; First Aid Facilities at Base Camp for staff and labours.(Package 2)



Photo 32: Contractor on Package 2 has purchased safety harness for labours/staff working at height.



Photo; 33 Fuel Storage areas under construction at Base Camp. Two big Oil Storage Tanks are underground in concreted room and covered from top. Fuel filling dispenser will be placed at this site for filling.



Photo; 34 Borrow area is utilized at RD 31+000, quality test is done on package 2. Contractor has started restoration of this borrow area.



Photo 35; Contractor has installed 2 Concrete batching Plants at RD 28+200 for concrete work of Package 2.



Photo 36; Construction Material Stocked at batching plant site for concrete work. Material



Photo 37: Batching Plant -1 is operational while calibration of plant -2 is done.



Photo 38; Embankment under construction at location RD 26+800 to 26+900. Material for this section is borrowing from approved borrows area at 28+250 on Package 2.



Photo; 39; Underpass is under construction at RD 26+800. Steel work is in progress. Labours/Steel fixers have worn personal protective equipment. (Package 2)



Photo-40; Water Sprinkling at RD 27+000 on Package 2.

