

# Environment Monitoring Report

---

Bi-annual Environment Monitoring Report  
August 2016

## PAK: MFF – Power Transmission Enhancement Investment Program (Tranche 3)

Prepared by Quetta Electric Supply Company, Balochistan 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 “\$” refer to US dollars.

This environment monitoring report is a document of the Borrower. The views expressed herein do not necessarily represent those of ADB’s Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

Re: L2972 PDEIP: BAEMRs (Jan-Jun 2016) of GEPCO, HESCO, IESCO, LESCO approved for disclosure

Safia Shafiq

to:

Liaqat Ali

01/09/2016 02:11 PM

Cc:

Zhang Lei, Ehtesham Z. Khattak, Zehra Abbas, "Jeffrey Bowyer"

Hide Details

From: Safia Shafiq/Consultants/ADB

To: Liaqat Ali/PRM/ADB@ADB

Cc: Zhang Lei/CWRD/ADB@ADB, Ehtesham Z. Khattak/PRM/ADB@ADB, Zehra Abbas/CWRD/ADB, "Jeffrey Bowyer" <jeffreybowyer@outlook.com>

3 Attachments



L2972 QESCO BAEMR (Jan-Jun 2016).doc



L2972 PESCO BAEMR (Jan-Jun 2016).doc



L2972 MEPCO BAEMR (Jan-Jun 2016).docx

Dear Liaqat Sb.,

My apologies for the miscommunication. Please disclose the BAEMRs attached with my first email (GEPCO, HESCO, IESCO and LESCO). I am attaching some others (MEPCO, PESCO and QESCO) with this email. Please disclose these as well. FESCO remains, I will forward that shortly.

Thanks and regards,

Safia Shafiq

Environment Specialist (Consultant)

Pakistan Resident Mission

Asian Development Bank

Level 8, North Wing, Serena Office Complex,  
Khayaban-e-Suhrawardy G-5, Islamabad, Pakistan.

Tel: +92-51-2087300, Ext: 344

Fax: +92-51-2087397-8 & 2600365-6

Cell: +92-333-2154462

-----Liaqat Ali/PRM/ADB wrote: -----

To: Safia Shafiq/Consultants/ADB@ADB

From: Liaqat Ali/PRM/ADB

Date: 09/01/2016 01:19PM

Cc: Zhang Lei/CWRD/ADB@ADB, Ehtesham Z. Khattak/PRM/ADB@ADB, Zehra Abbas/CWRD/ADB@ADB, "Jeffrey Bowyer" <jeffreybowyer@outlook.com>

Subject: Re: L2972 PDEIP: BAEMRs (Jan-Jun 2016) of GEPCO, HESCO, IESCO, LESCO approved for disclosure

Dear Safia:

Your approval for disclosure is for GEPCO, HESCO, IESCO and LESCO.

The attachments to the email are: PESCO, MEPCO, HESCO, IESCO and LESCO. The approved GEPCO EMR is missing. Can I also disclose PESCO and MEPCO not listed in your email.

Regards,  
Liaqat Ali, Project Analyst, Pakistan Resident Mission  
Level 8, North, Serena Office Complex, G-5, Islamabad/Pakistan  
Tele: (92-51) 2600351-69/2087210 Fax: (92-51) 2600365-66/2087397-98  
email: lali@adb.org.

\* Safia Shafiq---01/09/2016 12:48:22 PM---Dear Liaqat Sb., The attached BAEMRs (Jan-Jun 2016) of GEPCO, HESCO, IESCO and LESCO under L2972 PDE

From: Safia Shafiq/Consultants/ADB  
To: Liaqat Ali/PRM/ADB@ADB  
Cc: Zhang Lei/CWRD/ADB@ADB, Ehtesham Z. Khattak/PRM/ADB@ADB, Zehra Abbas/CWRD/ADB@ADB, "Jeffrey Bowyer" <jeffreybowyer@outlook.com>  
Date: 01/09/2016 12:48 PM  
Subject: L2972 PDEIP: BAEMRs (Jan-Jun 2016) of GEPCO, HESCO, IESCO, LESCO approved for disclosure

Dear Liaqat Sb.,

The attached BAEMRs (Jan-Jun 2016) of GEPCO, HESCO, IESCO and LESCO under L2972 PDEIP are approved for disclosure. Please have them uploaded on ADB website and share the weblinks with me.

Thanks and regards,

Safia Shafiq  
Environment Specialist (Consultant)  
Pakistan Resident Mission  
Asian Development Bank

Level 8, North Wing, Serena Office Complex,  
Khayaban-e-Suhrawardy G-5, Islamabad, Pakistan.

Tel: +92-51-2087300, Ext: 344

Fax: +92-51-2087397-8 & 2600365-6

Cell: +92-333-2154462[attachment "L2972 PESCO BAEMR (Jan-Jun 2016).doc" deleted by Liaqat Ali/PRM/ADB] [attachment "L2972 QESCO BAEMR (Jan-Jun 2016).doc" deleted by Liaqat Ali/PRM/ADB]



## **Bi-annual Environmental Monitoring Report**

**Project Number: ADB Loan No. 2972 – Pak Tranche III**

**Jan - June 2016**

**Government of the Islamic Republic of Pakistan**

**ASIAN DEVELOPMENT BANK- PDEIP**

**Power Distribution Enhancement Investment Program**

**Tranche-III**

**Prepared by: Environmental and Social Safeguard Section PMU QESCO**

**Quetta (Pakistan)**

This report does not necessarily reflect the views of ADB or the Government concerned, ADB and the Government cannot be held liable for its contents.

---

**Asian Development Bank**

## ABBREVIATION

|                 |  |
|-----------------|--|
| <b>A</b>        | Augmentation                                       |
| <b>ADB</b>      | Asian Development Bank                             |
| <b>BPI</b>      | British Power International                        |
| <b>BEPA</b>     | Balochistan Environmental Protection Agency        |
| <b>BOQs</b>     | Bill of Quantities                                 |
| <b>C</b>        | Conversion   |
| <b>CSC</b>      | Construction Supervision Consultant                |
| <b>DGS</b>      | Distribution Grid System                           |
| <b>E</b>        | Extension  |
| <b>EIA</b>      | Environmental Impact Assessment                    |
| <b>EMP</b>      | Environmental Management Plan                      |
| <b>EMS</b>      | Environmental Management System                    |
| <b>EARF</b>     | Environmental Assessment & Review Framework        |
| <b>SSEMP</b>    | Social safeguard and Environmental Management Plan |
| <b>GOP</b>      | Government of Pakistan                             |
| <b>GSC</b>      | Grid System Construction                           |
| <b>HSE</b>      | Health Safety & Environment                        |
| <b>IEE</b>      | Initial Environmental Examination                  |
| <b>LARF</b>     | Land Acquisition & Resettlement Framework          |
| <b>LARP</b>     | Land Acquisition & Resettlement Plan               |
| <b>MC&amp;C</b> | Monitoring, Controlling & Coordination             |
| <b>MFF</b>      | Multi Trenches Financing Facility                  |
| <b>MM</b>       | Mitigation Measures                                |
| <b>MVA</b>      | Mega Volts Ampere                                  |
| <b>PPEs</b>     | Personal Protection Equipments                     |
| <b>PMU</b>      | Project Management Unit                            |
| <b>PDEIP</b>    | Power Distribution Enhancement Investment Program  |
| <b>PS&amp;C</b> | Planning, Scheduling & Coordination                |
| <b>QESCO</b>    | Quetta Electric Supply Company                     |
| <b>STG</b>      | Secondary Transmission Grid                        |
| <b>T/LINE</b>   | Transmission Line                                  |

## TABLE OF CONTENTS

|    | <b>Part I (Introduction)</b>   | <b>Page No.</b> |
|----|--|-----------------|
| 1  | Company  | 1               |
| 2  | Project Management Unit  | 1               |
| 3  | Detail of Project  | 1               |
| 4  | Location of the Project  | 2               |
| 5  | Objective of the Project   | 3               |
| 6  | Construction activities and progress during previous 6 months of Tranche 3     | 3               |
| 7  | Scope of Work  | 3               |
| 8  | Changes in Project Organization and Environmental Management Team              | 4               |
| 9  | Physical status of project sub project tranche 3                               | 4               |
| 10 | Relationship with Contractors , and owner lenders etc                          | 4               |
|    | <b>Part II (ENVIRONMENTAL MONITORING )</b>                                     | <b>5</b>        |
| 11 | Environmental Monitoring Summary   | 5               |
|    | <b>Part III (ENVIRONMENTAL MANAGEMENT )</b>                                    | <b>5</b>        |
| 12 | EMS, SSEMP & Work plan   | 5               |
| 13 | Site Inspection & Audits   | 5               |
| 14 | Non Compliances Notices  | 5               |
| 15 | Issues Covered   | 6               |
| 16 | Corrective action Plans  | 6               |
| 17 | Consultation and Complaints  | 6               |
| 18 | Implementation Report on EIA/IEE Mitigation Requirements of QESCO Sub Projects | 7-8             |
|    | <b>(ANNEXES &amp; TABLES)</b>  |                 |
| 19 | Letter of NOC from Baluchistan EPA (Annex A)                                   | 9-10            |
| 20 | Organization Chart (Annex B)   | 11              |
| 21 | GRC office order (Annex C)   | 12              |
| 22 | Lay out Plan of QESCO Subprojects of Tranche 3 (Annex D)                       | 13              |

|    |   |       |
|----|---|-------|
| 23 | Photographs of the Project Site (Annex-E) | 14-15 |
|    | (Table No. 1)                             | 3     |



## **Part -1**

### **Company Introduction**

1. Quetta Electric Supply Company (QESCO) is a Public Limited Utility Company, established in 1998 under Companies Ordinance 1984 and is responsible for distribution of Electric Power to the entire province of Baluchistan excluding Lasbela district under a Distribution Electric Power within its territorial jurisdiction and presently serving approximately over 0.5 Million Customers (Domestic, Commercial, Agricultural, Industrial and others) in the thirty districts of Balochistan. QESCO has undertaken the ADB's power distribution enhancement investment project PDEIP Tranche III to enhance the capacity of its power distribution system.

### **Project Management Unit (PMU)**

2. To effectively plan, execute and monitor the project loan No 2972 Power Distribution Enhancement Investment Program (Tranche-3), a Project Management Unit (PMU) has already been established for ADB funded projects since 2009 in QESCO under supervision of General Manager/Chief Engineer (Development) & comprising of four sections i.e. i) Planning, Scheduling & Coordination, ii) Procurement, iii) project Finance and iv) Environment & Social Safeguard. Project Director Grid System Construction PD GSC is assisting GM (Dev) for activities related to project execution.

### **Detail of Project**

3. Existing conditions of the QESCO power distribution and transmission system are inadequate to meet rapidly growing demand for electrical power. To cope with this situation, the existing power infrastructure has to be improved and upgraded. The overall contribution of power infrastructure requires institutional arrangements, capacity building that support strategic management of the sector, planning and management of investments.

4. This Project is to help in enhance the efficiency, reliability, and quality of electricity Power in terms of the overall technical and commercial losses reduction, continuous availability and the improved voltage profile of electricity in its distribution network system

The **basic information** of the **ADB loan No. 2972- Pak Tranche 3** is given as under:-

**ADB Loan Number:** 2972 -PAK Tranche-3

**Project Title:** - Power Distribution Enhancement Investment Program (PDEIP)

### **Location of the Project**

5. This project covers construction work of two 2 No.s of new double circuit 132KV Transmission line in jurisdiction of Quetta Electric Supply Company (QESCO) across 08 Districts of Balochistan i.e. Quetta, Mastung Khuzdar, Kalat, Loralai, Qila saifullah, Muslim Bagh, and Pashin districts.

Borrower:-GOP/ QESCO

Executing Agency:-PEPCO

Implementing Agency:-QESCO

Date of Signing Agreement: 09-09-2013

Date of Effectiveness: 10-12-2013

Date of Loan Closing: 31-12-2016

Date of Loan closing revised 31-01-2018

Date of Last ADB Review Mission: - 22 May, 2016

Amount of Loan: 81.95 Million US\$

## **Objectives of the Project**

6. In July 2008 Government of Pakistan and Asian Development Bank (ADB) have entered into a Framework Financing Agreement (FFA) to finance the Power Distribution Enhancement Investment Program (PDEIP). The QESCO through GOP has undergone this multi tranche financing facility (MFF) and signed an agreement with Asian Development Bank for:

Enhancement and strengthening the capacity of Power Distribution and Transmission system networks

To meet the increasing electricity demand in the selected areas more efficiently

To extend and upgrade the existing power infrastructure.

## **Activities and progress during six 6 months of Tranche 3**

7. Project declared effective by 22/04/2015 vide letter No PMU /QESCO/GM (Dev)/TR-3/811-14 Dated 23-4-2015

8. Environmental Approval/ No Objection Certificate NOC from Balochistan Environmental Protection Agency (BEPA) has been obtained by QESCO for construction of two new double circuit transmission lines under ADB loan No. 2972-Pak Tranche-III vide letter No. DG (EPA)/011/2015 dated 01/06/2015  
**(Annex-A)**

## **Scope of Work**

9. QESCO through Tranche 3 subprojects undertakes the construction of Two 02 Nos. of -132KV double circuit transmission lines on Turnkey bases: **Q1** from 220KV grid station Khuzdar to 132KV grid station Surab and then from 132KV G/S Kalat to 132KV G/S Mastung; and **Q2** from Loralai 220KV Grid Station to Muslim Bagh Khanozai and Pishin to Quetta industrial grid station approved subprojects under ADB Tranche-3. Details are as under:

## ADB APPROVED QESCO TRANCHE-3 SUB PROJECTS Table 1

| Project No. | Project Name  | Qty of Projects | Circuit Length in KM |
|-------------|---|-----------------|----------------------|
| Q1          | Construction/ Installation of 132 KV Double circuit Construction Transmission Line From Khuzdar-Surab & Kalat - Mangochar – Mastung | 1               | 209                  |
| Q2          | Installation of 132 KV Double circuit Transmission Line From Loralai-Muslimbagh-Khanozai & pishin- Yaru-Quetta Industrial           | 1               | 267                  |

### Physical Status of Sub Projects Tranche-3

10. Almost 95 % of the survey of route and preparation of transmission line profile is completed.

11. 75% of excavation work is done, 60% of concrete work is completed, 40% erection of tower is done, 35% of stringing is completed and 40% of line bay foundation civil work is completed. Some of the issues like handling and transportation of materials, proper use of PPEs and waste management issues were observed.

### Changes in Project Environmental Management Team

12. The Deputy Manager (E&S) has retired and the position has not been filled. There are no other changes in staffing over the reporting period with respect to Environmental Management Team. Up to date organization chart is attached as **Annexure- B**

### Relationships with contractors, owner, lenders etc.

13. The sub projects are at their peak stage and of relationship between contractors, owners and lenders are found fair and satisfactorily and no dispute occurred during this reporting period.

## **Part II      Environmental Monitoring**

### **Environmental Monitoring Summary**

14. The main objective of environmental monitoring is implementation of EMP, and compliance with ADB's environmental safeguards as stipulated in the Safeguards Policy Statement (SPS) 2009. The excavation and tower foundation work is in progress in some sections and at other sections, erection of tower is being carried out with stringing of power conductor in the remaining sections of the transmission lines. The route survey has almost been finalized during this period and no significant environmental impacts have been observed/reported. However some concerns regarding labor welfare, waste management and use of proper PPEs were raised and supervisors were directed to resolve these issues and ensure EMP compliance as per the contract agreement.

## **Part III      Environmental Management**

### **EMS, SSEMP and work plans**

15. Both the subprojects are at construction stage and the EMPs are being implemented satisfactorily. However, some non-compliances regarding first aid box, safety signage and usage of PPEs were observed during monitoring. The implementation report of mitigation requirement is included in this report.

### **Site Inspection and Audits**

16. Site inspections and audits of the subprojects have been performed regularly and contractor is directed to ensure compliance with BEPA regulation and ADB's SPS 2009 in implementation of EMP.

### **Non Compliances Notices**

17. No non-compliance notices have been sent during the reporting period.

## **Issues Covered**

18. No major environmental issue has been observed yet, if reported/found will be communicated/ covered accordingly

## **Corrective Action Plans**

19. No corrective action plans were required to be prepared during the reporting period.

## **Consultation and Complaints**

20. No complaint was recorded during the reporting period. The Grievance Redressal Committee (GRC) is constituted in QESCO (Annex-C) and it was observed that the people of project area are happy with construction of transmission lines and showed their interest in providing local labor to work for contractor.


## Implementation report on EIA/IEE mitigation requirements of QESCO Subprojects

| References                                     | Mitigation Requirements   | Action to Date/Implementation   | Action required/<br>Comments  |
|--|---|---|---|
| <b>Orientation for Contractor, and Workers</b> | <ol style="list-style-type: none"> <li>1. QESCO to engage environmental specialist to monitor and progress all environmental statutory and recommended obligations.</li> <li>2 Conduct special briefing for managers and / or on-site training for the contractors and workers on the environmental requirement of the project. Record attendance and achievement test.</li> <li>3. Agreement on critical areas to be considered and necessary mitigation measures, among all parties who are involved in project activities.</li> <li>4. Continuous progress review and refresher sessions to be followed</li> </ol> | <ol style="list-style-type: none"> <li>1. QESCO has a fully functional E&amp;S Section, which conducts monitoring activities regularly.</li> <li>2. Special briefings and on site training have been conducted for the managers, staff and workers on environmental requirements of the project.</li> <li>3. No any critical area issue/agreement occurred /reported, if so will be communicated</li> <li>4. E&amp; S Section of PMU QESCO follows the continuous progress and review the project activities</li> </ol> | <p>Regular Training<br/>Need Assessment<br/>TNA is required for refreshing and continuous professional development of All relevant staff.<br/>Induction and six month refresher course as necessarily as contractor complies.</p> |
| <b>Safety Precautions for the Workers</b>      | <ol style="list-style-type: none"> <li>1. Providing adequate warning signs</li> <li>2. Providing workers with skull guard or hard hat and hard toe cap shoes.</li> <li>3. Contractor shall instruct his workers in health and safety matters, and require the workers to use the provided safety equipment</li> <li>4. Establish all relevant safety measures as required by law and good Engineering practices.</li> </ol>   | <ol style="list-style-type: none"> <li>1. Some of the warning signs are installed at project site.</li> <li>2. All workers are provided with Personal Protection Equipments (PPEs)</li> <li>3. Workers are advice to use PPEs, instruction information and supervision is provided to workers for safety matters.</li> <li>4. All relevant safety measures as required by law and good engineering practices have been established as per guidelines.</li> </ol>  | <p>Continuous monitoring, supervision is required for workers to follow the safety precautionary measures</p>   |

|              |  |   |   |
|--------------|--|---|---|
| <b>Noise</b> | <ol style="list-style-type: none"> <li>1. Conduct public consultation for less sensitive time for works and schedule works accordingly.</li> <li>2. Heavy equipment/ machinery shall be fitted with effective silencers to minimize the noise.</li> <li>3. Heavy equipment shall be operated only in daylight hours.</li> <li>4. Well maintained haulage trucks will be used with speed controls.</li> </ol> | <ol style="list-style-type: none"> <li>1. At construction site with in 100m of sensitive receivers.</li> <li>2. A list of locations of sensitive receiver should be identified by contractor along the ROW during works</li> </ol> <p>Drivers are instructed to maintained vehicles regularly to avoid nuisance in vicinity of construction site.</p> | Regular monitoring of contractor supervisor is required for strict compliance |
|--------------|--|---|---|



Copy of NOC from Balochistan EPA Quetta

|   |                                 |
|---|---------------------------------|
|  | OFFICE OF THE DIRECTOR GENERAL  |
|   | ENVIRONMENTAL PROTECTION AGENCY |
|   | GOVERNMENT OF BALOCHISTAN       |
|   | SAMUNGLI ROAD, QUETTA           |
| Tel: 081-9201381 Fax: 081-9201180   |                                 |
| No. DG (EPA)/   | 011/2015                        |
| Dated: 01-June/2015   |                                 |

Subject: - **ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT OF QESCO TRANCHE III SUBPROJECT UNDER ADB LOAN NO2972 PAK (TRANCHE 3).**

1. Name & Address of the proponent:  
Engineer Baligh-uz-Zaman,  
General Manager (Dev)PMU  
QESCO Head Quarters Zarghoon Road Quetta,  
Tel# 081-9201750  
Fax# 081-9201641
2. Description of the Project:  
Power Distribution Enhancement investment Project (PDEIP)  
Loan No 2972 Pak Tranche-III  
Construction of 132kv Transmission Line from  
i) Loralai to Quetta Industrial Grid Station  
ii) Khuzdar to Quetta Industrial Grid Station
3. Location of the Project:  
Loralai to Quetta, Khuzdar to Quetta
4. Date of Filing of EIA:  
22 May 2014
5. After careful review/Examination of the Environmental Impact Assessment (EIA), the Environmental Protection Agency Balochistan, Quetta has decided to accord its Environmental Approval / No Objection Certificate in favour of M/s QESCO subject to the following terms and conditions as laid down in Section 17 & 18 of IEE & EIA Regulation, 2000, subject to the Following conditions.
  - 5.1. Mitigation measure and Environmental Management Plan (EMP) included in the EIA report will be strictly implemented.
  - 5.2. As per legal requirements, specifications, either in lump sum or percentage of the project cost, should be made with regard to Corporate Social Responsibility (CSR), before commencement of the construction work, to help in the social uplift of the project area people and community development. Such specification must be shared with Environmental Protection Agency, Balochistan before start of the project.
  - 5.3. Technique should be adopted to minimize noise pollution, oil spill and Environmental problems during the extension and Augmentation of Power Lines.
  - 5.4. Losses incurred by, and damages done to, the local community, in whatever form, must be financially compensated before commencement of the construction work.
  - 5.5. The details and information of the compensation being paid to the project affectees and complete list of the affectees must be shared with EPA which may at any time verify it.
  - 5.6. All precautionary measures should be strictly be adhered to minimize an negative impacts in the area.
  - 5.7. The proponent M/S QESCO should conduct regular environmental monitoring on monthly basis through a third party consultant and that should be shared with EPA.
  - 5.8. All necessary measures should be taken to ensure that the debris of earthwork and stone work does not impede the smooth flow of drainage, canals, streams, rivers or any other water way whatever the case may be.

- 5.9. Compliance of National Environmental Quality Standards (NEQS) should be strictly adhered to.
- 5.10. The proponent, as per laws, should ensure that two trees are planted in case one tree is cut.
- 5.11. The proponent of the project shall resolve all disputes (if any) related to land prior to start of the line transmission.
- 5.12. EPA Balochistan, in order to ensure implementation of environmental laws and conditions of environmental approval (NOC) agreed with the proponent, may at any time visit project area to ascertain whether compliance of the conditional NOC is in place before, during and after construction of the work. Furthermore, the proponent shall make all necessary arrangements for the visiting team of EPA.
- 5.13. Development plan should be in place for the benefit of the people of the project area under intimation to EPA, Balochistan.
- 5.14. This approval does not absolve the proponent from obtaining any other approval that may be required under any law.
- 5.15. Noise level should be controlled to minimum possible level in order to avoid disturbance to the local people
- 5.16. Local community should be given much priority in the project jobs.
- 5.17. The proponent shall be liable for compliance of Sections 13, 14, 17, and 18 of the "PEPA Review of IEE and EIA Regulations 2000" which direct for conditions for approval, confirmation of compliance, entry, inspection and monitoring.
- 5.18. This approval shall be treated as null and void, if the conditions are not complied with



**DIRECTOR GENERAL**

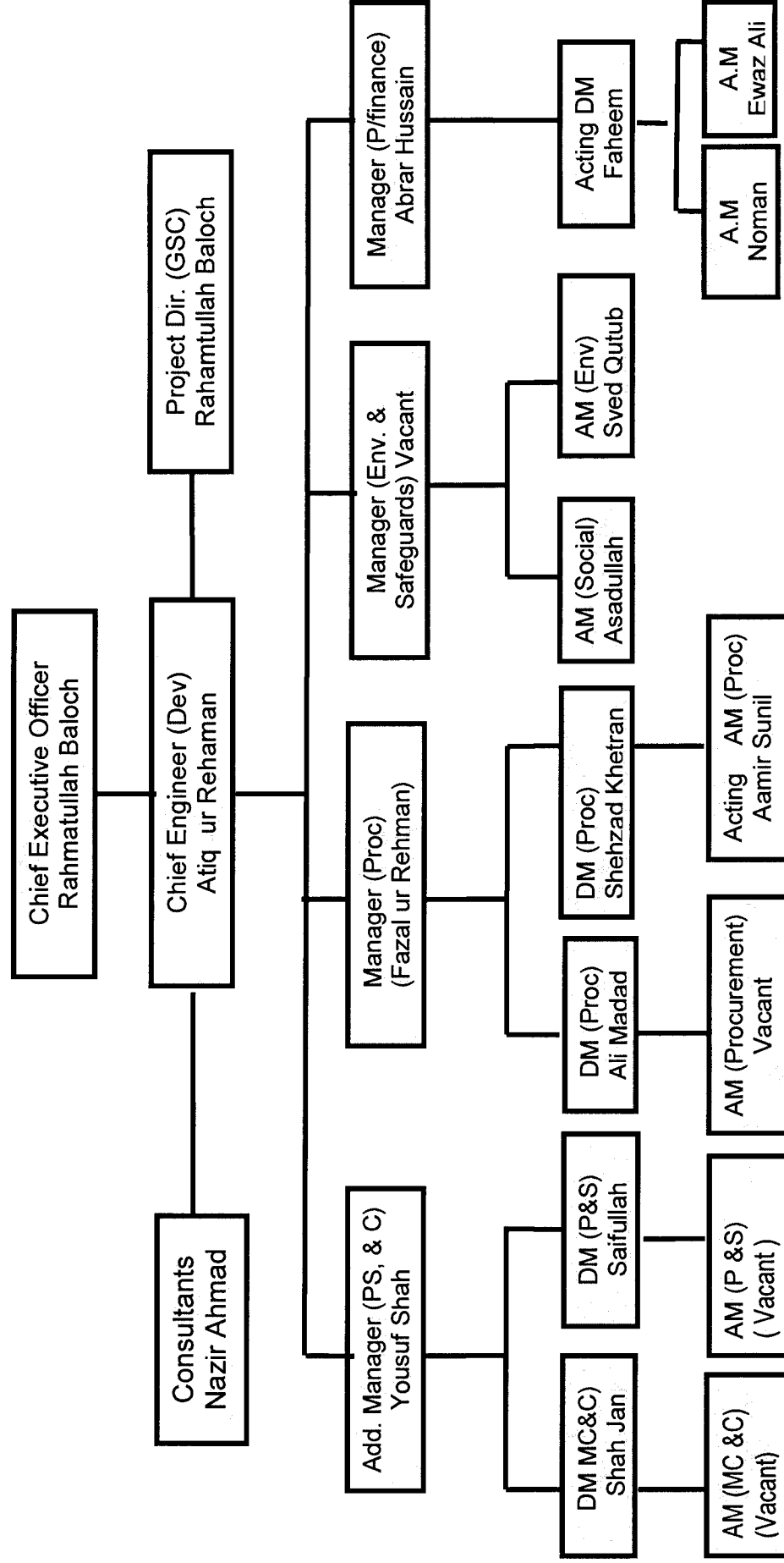
Balochistan Environmental Protection Agency,  
Quetta

Copy to;

1. P.S. Director General, Balochistan Environmental Protection Agency, Quetta
2. Master File

# ORGANIZATION CHART PMU QESCO

(Annex-B)



## Copy of GRC Committee of QESCO

Annex C



### **QUETTA ELECTRIC SUPPLY COMPANY**

Phone# 081-9201750  
Fax# 081-9201641

OFFICE OF THE  
CHIEF EXECUTIVE OFFICER  
QESCO HEADQUARTER ZARGHOON ROAD  
QUETTA CANTT

NO. CEO/QESCO/GM(Dev)/M(E&S)/ 9 4 7 8 - 9 0

Dated: \_\_\_\_\_

#### OFFICE ORDER

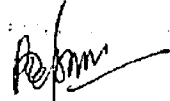
09 MAR 2015

1. Grievance Redressal Committee (GRC) is comprising of following is here by constituted in Pursuance of Tranche-3 ADB approved EIA of Section 7 sub section 7.4 (226).

|       |   |          |
|-------|---|----------|
| i)    | Project Director (GSC) QESCO            | Convener |
| ii)   | Executive Engineer T/L (GSC) QESCO      | Member   |
| iii)  | Assistant Manager (Environment) QESCO   | Member   |
| iv)   | Assistant Manager (Social Impact) QESCO | Member   |
| v)    | Concerned Tehsildar/ Naib Tehsildar     | Member   |
| vi)   | Representative of Affected Persons      | Member   |
| vii)  | Environmental Specialist (SMEC)         | Member   |
| viii) | Contractor's Environmental Specialist   | Member   |

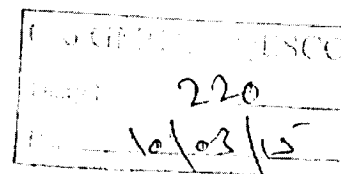
2. The Committee will be responsible for implementation of Grievance Redressal Mechanism (GRM)

- The mechanism will be used for addressing any complaints that arise during the implementation of projects.
- To receive & facilitate the resolution of affected peoples' concerns, complaints, and grievances about the project's environmental & social performance.
- Status of land acquisition, crops/trees compensation.
- Status of restoration of damaged community infrastructure, (water pipelines, irrigation channels/water courses, drains, roads, streets etc.
- Grievance Redress activities.

  
Chief Executive Officer  
QESCO, Quetta

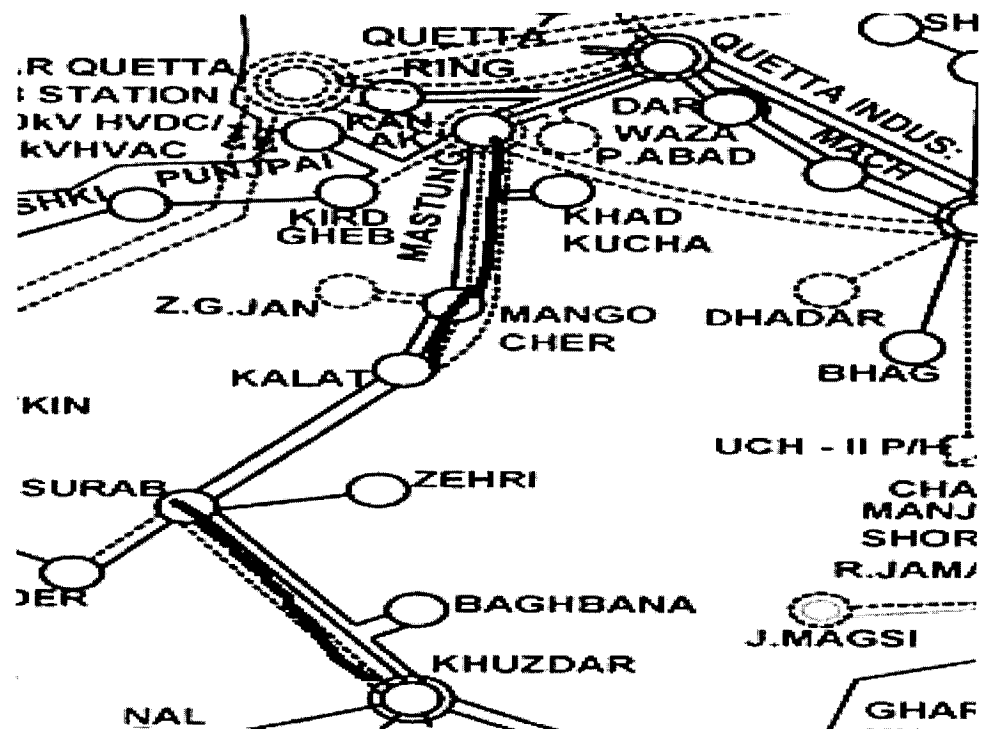
#### **Copy to;**

1. Chief Engineer/Technical Director PMU, PEPCO, Lahore.
2. D.G HR & Admin QESCO, Quetta.
3. G.M (Dev) PMU QESCO, Quetta.
4. Officers Concerned \_\_\_\_\_

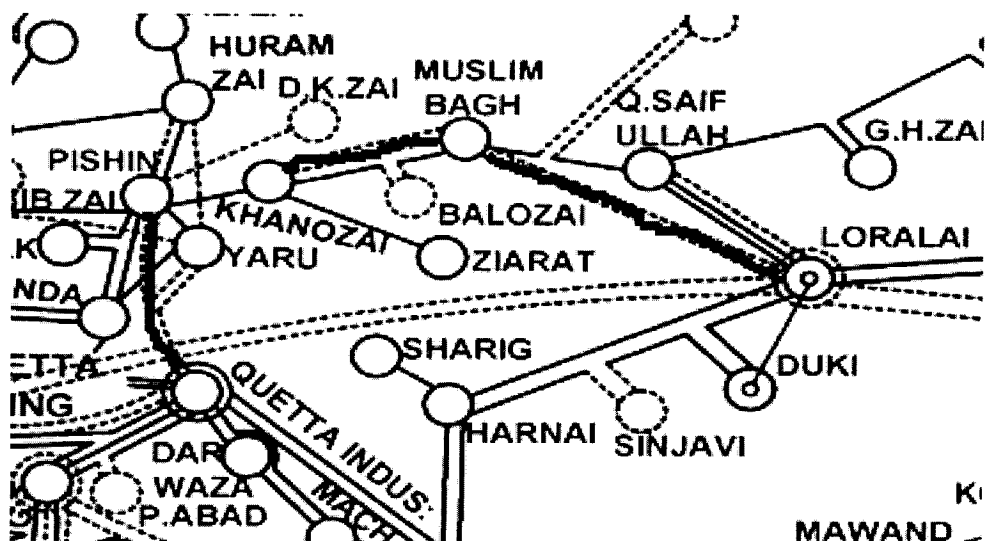


## Lay out Plan of QESCO Tranche III Subprojects

(Annex-D)

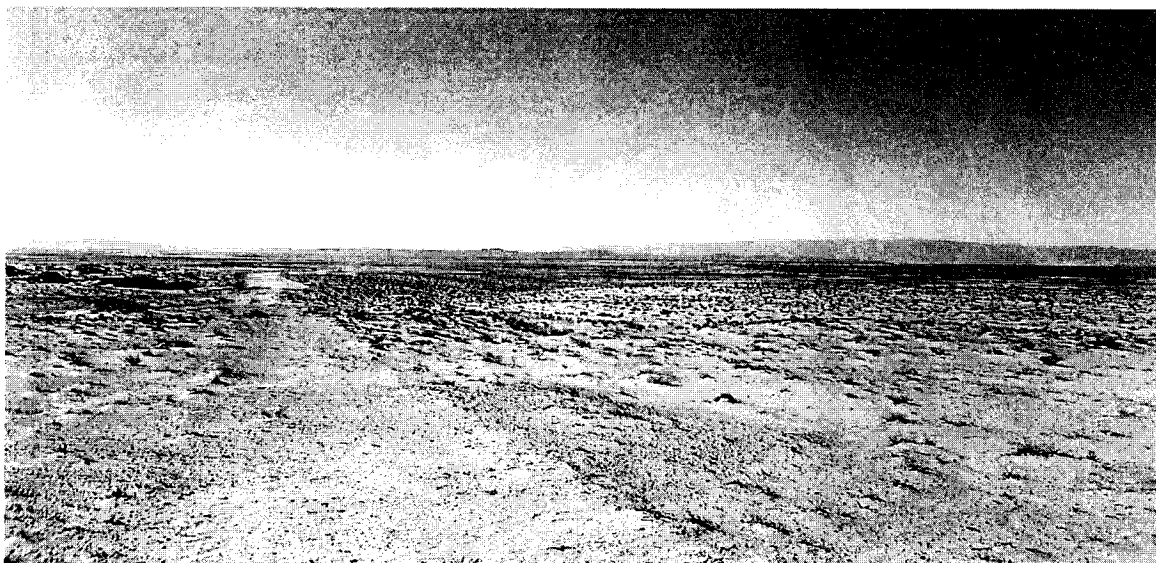


Q1. Proposed 132 KV double Circuit T/L form Khuzdar-Surab & Kalat-Mangocher-Mastung Grid Stations



Q2. Proposed 132 KV double Circuit T/L form Loralai-Muslim Bagh-Khanozai & Pishin-Yaru-Quetta Industrial Grid Stations

PHOTOGRAPHS OF EXISTING AND PROPOSED SITES FOR 132 KV T/L KHUZDAR-QUETTA



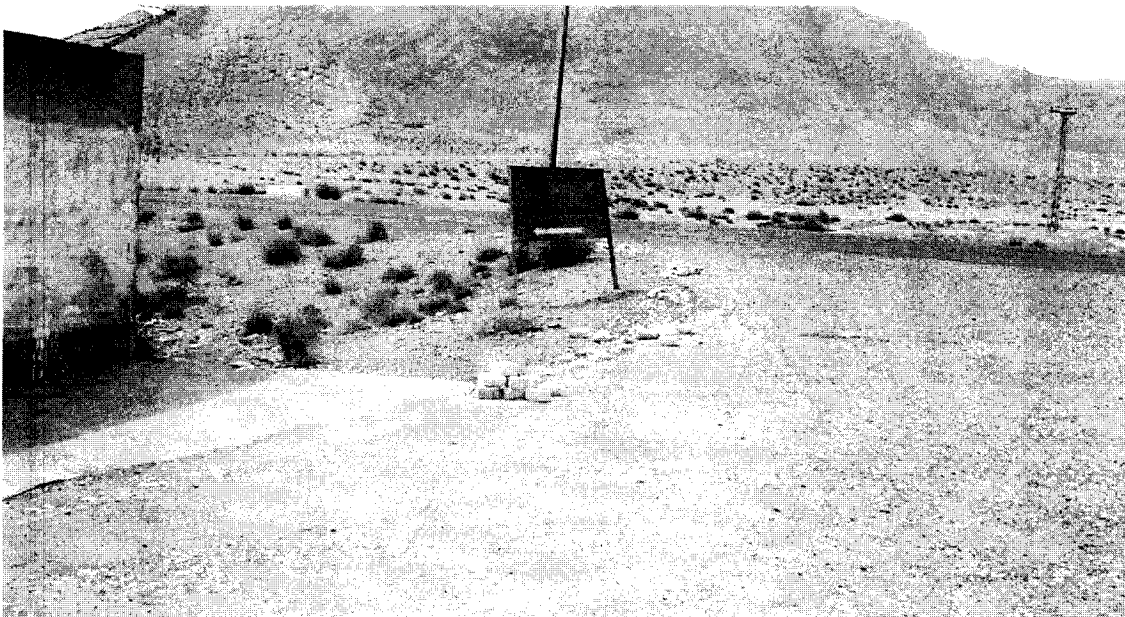
(Barren area at proposed new 132 KV T/L Khuzdar-Quetta)



(Exiting 132 KV T/L Loralai to Quetta)



Proposed 132KV from Loralai – Quetta



(Proposed In and Out for new 32 KV T/L Khuzdar-Quetta)