

Annex (5)

The EIA study should include the following:

The EIA document should be briefed and includes the key environmental aspects. The details of this document should be appropriate to the impacts of the project. The document is directed to the project designers, implementing companies, the owner of the project, the public affected by the project, and the concerned environmental NGOs. This document should be written in English or Arabic.

The EIA document should include the following:

- Non Technical Executive Summary:

includes two versions (Arabic and English) of a brief analysis of the outcomes (conclusions) and recommendations.

- Legal and administrative policy framework:

Views the legal and administrative framework, which the document based on when being prepared.

- Project description:

Includes a briefed description of the temporal, biological, social, spatial framework of the project, including any works required out side the project site (e.g.: laying pipes, open roads, constructing energy generation plants, water supply, employee housing and constructing facilities to store the raw materials and products.

- Baseline data

Includes assessment of the studied site dimensions and describing the natural, social, and economical conditions including any expected changes before the beginning of the project, taking into account the current suggested development activities inside the project area (indirectly related to the project).

- Environmental Impacts includes:

- Determining and assessing the expected negative and positive impacts resulted from the project.
- Determining the mitigation measures to the unavoidable impacts and studying the opportunities to improve the environment.
- Determining the quality of available data, the gaps and the uncertainties associated with the environmental impacts or those which are expected to appear.
- Determining the subjects which do not need any more research.

- Analysis of Alternatives:

Includes an organized comparison of the proposed alternatives of the project in terms of design alternatives, site alternatives, the used technology alternatives and its

environmental impacts, capital cost, running costs for each alternative, the stability under local conditions, the institutional, training and monitoring requirements and determining, as much as possible, the costs and the environmental benefits for each alternative, setting, when possible, the economic cost for each alternative and view the basis of proposed alternatives selection process.

Mitigation Plan:

Includes determining suitable measures with low cost in order to mitigate the negative impacts to be in the acceptable limits.

Estimating the possible environmental impacts and the capital and running cost.

Determining institutional, training and monitoring requirements for these measures.

Introduce a plan includes the details of proposed work programs and also the compensation procedures from the negative environment impacts if the mitigation measures are not useful or so expensive, and to work on the environmental aspects at the same time with the project engineering or other works during the implementation stage.

- Monitoring and Environmental Post Auditing Plan:

Includes determining monitoring type, the cost, the responsible persons and other inputs such as: training.

- Appendices:

- List of contributors in preparing the EIA document (institutions, individuals).

- List of references (the written materials that used in document preparing process).

This list is very important due to rely on unpublished document.

- Record of consultancy meetings between the project stakeholders (includes a list of participants) and document all these meetings which held between the effected parties and the local NGOs.