

環境チェックレポート

(1) プロジェクト名

肥料プラント建設プロジェクト

(2) 実施場所

オマーンソハール工業団地

(3) プロジェクト概要

オマーンソハール工業団地における、肥料プラントの建設

(4) カテゴリ概要

カテゴリ A

(5) カテゴリ分類の根拠

本事業予定地周辺に、環境ガイドラインに定める影響を受けやすい地域が存在するため。

(6) 環境許認可・住民説明

本プロジェクトにかかる環境影響評価書 (EIA) につき地方自治・環境・水資源省より承認取得済み。

(7) 汚染対策

大気質、水質等の計画値は現地基準を遵守し、国際基準を満たす。

(8) 自然環境面

本件サイトは自然保護区に位置しない。本件は、既設の工業団地内にお

けるプロジェクトであり、また影響を受けやすい地域から本件サイトまでは十分距離があり、同地域への特段の影響は見込まれない。

(9) 社会配慮面

本件は、既設の工業団地内におけるプロジェクトであり、住民移転等は発生しない。

(10) その他・モニタリング

工事中の対策については、特段懸念すべき点はない。本件では、大気質、水質、騒音につきモニタリングを行う予定。

以上

Questions

Q1. Please provide the address of the project site.

Address of the project site : Plot No. 15A, Sohar Industrial Port (SIP) Area, Sohar, Sultanate of Oman

Q2. Please provide brief explanation of the project.

The Project will consist of a single train ammonia plant with a capacity of 2,000 tonnes per day, and a twin-train urea plant with a capacity of 3,500 tonnes per day and the related utilities and offsite facilities.

Q3. Will JBIC loan be applied to a new project or an executing project? In case of executing project, please inform the presence of strong claims by local residents.

- | | |
|--|---|
| <input checked="" type="checkbox"/> New Project | <input type="checkbox"/> Executing Project (with Claim) |
| <input type="checkbox"/> Executing Project (without Claim) | <input type="checkbox"/> Others (Please specify) |

Q4. In case of this project, is it necessary to execute Environmental Impact Assessment (EIA) based on the laws or regulations? If necessary, please inform the progress of EIA.

- | | |
|---|--|
| <input type="checkbox"/> Required (Completed) | <input checked="" type="checkbox"/> Required (Under execution or under planning) |
| <input type="checkbox"/> Not Required | <input type="checkbox"/> Others (Please specify) |

It is necessary to execute Environmental Impact assessment (EIA) for the Project.

An EIA was carried out for the Project based on comparable other technology and Initial Environmental Permit was obtained from the Government of Oman. The EIA has to be updated based on MHI's proposal (e.g., air and noise modeling) and the Permit has to be revalidated.

Q5. In case that EIA is already completed, please inform whether EIA report is already approved based on the environmental assessment system or not. If EIA report is already approved, please provide the date and name of authorities of the approval.

- | | |
|--|--|
| <input type="checkbox"/> Approved (without condition) | <input type="checkbox"/> Approved (conditional) |
| <input checked="" type="checkbox"/> Under approval process | <input type="checkbox"/> Others (Please specify) |

Date of Approval : _____

Name of Authorities : _____

As regards updation of the EIA and the permit revalidation, please refer to our reply at Q4 above.

Q6. If environmental permit(s) other than EIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?

- Obtained
 Not required
Upto Effective Date of Contract.
- Required, but not obtained yet
 Others (Please specify)

Name(s) of required permit(s) : _____

EIA is required to obtain the Initial Environmental Permit (IEP) to start construction of the Project. Please refer to Q4 for the status of the IEP.

[Note: Environmental permits required for construction and operation of the Project are to be obtained after the Effective Date of EPC Contract by the EPC Contractor (MHI). Please refer to EPC Schedule-10].

Q7. Will the loan be used for the undertaking that cannot specify the project at this stage (e.g. export or lease of machinery that has no relation with specific project, or Two Step Loan that cannot specify the project at the time of loan agreement)?

(Yes ~~No~~)

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to the following questions.

Q8. Are there any environmentally sensitive area shown below in and around project site?

(~~Yes~~ / No)

If you answered "Yes", please select applicable items by marking, and reply to following questions.
If you answered "No", please reply to questions 9 and after.

If you answered "Yes", please select applicable items by marking, and reply to following questions.
If you answered "No", please reply to questions 9 and after.

- (1) National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.)
- (2) Primeval forests, tropical natural forests
- (3) Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.)
- (4) Habitats of endangered species of which protection is required under local laws and international agreements.
- (5) Areas that have risks of large scale increase in soil salinity or soil erosion
- (6) Desertification areas
- (7) Areas with special values from archaeological, historical and/or cultural viewpoints
- (8) Habitats of minorities, indigenous populations, nomadic people with traditional life style, or areas with special social value

Q9. Does the project involve following elements?

(Yes ~~No~~)

If you answered "Yes", please describe the scale of applicable elements, and reply to the questions 10 and after.
If you answered "No", please reply to questions 11 and after.

- (1) Involuntary resettlement (Number of resettlers:)
- (2) Pumping of groundwater (Scale: ton/year)
- (3) Land reclamation and/or development (Scale: ha)
- (4) Deforestation (Scale: ha)

Q10. Please reply to this question only in case that the project involves some of the above (1) to (4) elements. In the country where the project is planned, are there any regulations on a scale of the elements asked in question 9? If the country has such regulation, please answer whether the project satisfies the regulation or not.

- Regulation is applicable (satisfied not satisfied) No regulation
 Others (Please specify _____)

Please reply to questions 11 and after.
Not Applicable.

Q11. Will JBIC share in the project be equal or less than 5% of the total project cost, or the total amount of JBIC loan equal or less than SDR 10 million?

(Yes/No)

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to questions 12 and after.

Q12. Does the project belong to either of the sectors that impact on the environment is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary renovation project, acquisition of rights or interest without additional plant investment)?

(Yes/No)

If you answered "Yes", it is not necessary to reply to following questions.
If you answered "No", please reply to the questions 13 and after.

Q13. Does the project belong to the following sectors?

(Yes / No)

If you answered "Yes", please specify the sector by marking, and reply to questions 14 and after.
If you answered "No", it is not necessary to reply to the following questions.

- (1) Hydro power plant, Dam or water reservoir
- (2) Thermal power plant
- (3) Mines
- (4) Development of oil and gas
- (5) Pipeline
- (6) Steel industry (with large scale furnace)
- (7) No-ferrous metal refining
- (8) Petrochemical (including manufacturing of raw materials and petrochemical complex)
- (9) Terminal of oil, gas and chemicals
- (10) Petroleum refining
- (11) Paper and pulp
- (12) Manufacturing and/or transportation of hazardous substances (specified by international agreement)
- (13) Road, railway or bridge
- (14) Airport
- (15) Port
- (16) Waste material processing or treatment
- (17) Treatment of sewage and/or waste water that includes hazardous substances or executed at environmentally sensitive area
- (18) Power transmission and/or distribution lines (including large scale involuntary resettlement, large scale deforestation or submarine cable)

- (19) Tourism (Construction of hotel, etc.)
- (20) Forestry or tree planting
- (21) Agriculture (large scale project and/or project including irrigation)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, please explain whether an execution of EIA is required on account of the large scale of the project in the country where the project is implemented.

- Total area of Plot : We have been allotted Plot No. 15A measuring 610,025.45 m² for the current Project. Additionally, Plot No. 15B, measuring 302,464.85 m², adjacent to Plot No. 15A, has been reserved for future expansion with an option for 4 years.
- Area required for the current Project : approx.610,025.45 m² (Plot Plan yet to be finalized)