

Position Paper

Project Topic

Creation of a dam and development of water resources for regional development.

1- Overview

The process of defining a project is more complex than defining a product.

The process is even more complex when the project is for the development of water resources for regional development.

At your request, based on our experience, we recommend the following stages:

2- Project Presentation

In order to prepare a presentation and define the project that can be submitted to investors and other sources of funding, the following needs to be done:

- *Collect data*
- *Perform initial data processing*
- *Examine alternatives*
- *Choose and agree upon an alternative for the remainder of the planning process.*

3- Preliminary Planning and Design

Develop a preliminary plan for the chosen alternative and design it to the macro-economic level.

4- Feasibility Study

The next step after developing a preliminary plan and design is to perform a feasibility study.

Only after a decision on feasibility can you define the stages necessary to develop a detailed plan (processes, activities and cost analysis)

5- Detailed Planning

We have a team of engineers and other professionals required for preparation of a detailed plan that ensures that meet all aspects of the project needs are met, including:

Engineering, agricultural and economic aspects, as well as optimization of these aspects. All of these according to the needs and as agreed upon by all the parties during the process.

6- Basic Details Required for the Presentation

- *Size of the area to be developed (in hectares)*
- *Topographical map*
- *Map of the drainage basin (flow of the channels that flow into the main stream on which the dam will be built)*
- *Roads and division of the land according to its current use*
- *Types of land use and current percentage of utilization for crops*

- *Current level of profitability of the use of land and water resources (\$ / hectare)*
- *Water source data (flow in the stream, statistical data, reservoirs and other sources)*
- *Geological survey*
- *Land survey*
- *Travel to the site for completion of data collection, familiarity with the site and those involved with the project, and initial consulting for the continuation of the project.*

Once the data is received and a mutual agreement is reached, we can prepare the project presentation.

Sincerely,

Eng. Yehuda Levy, General Manager

Pal Yal Engineering, Ltd.