

PROJECT NOTE.

NAGALOLI STORAGE TANK TAL-SHIRVARTHAN DIST- RAIGAD.

(1). Location :-

The Nagololi Storage tank scheme envisages construction of an earthen dam across the Local Nalla near Village Nagloli Shirivardhen Taluka of Raigad District. The catchment area upto the dam site is 2.15 KM. The 75% dependable yield available works out to 4534.75 T.Cum and total command area 131 Ha. and irrigable area is 105 Ha.

The dam site approachable as under.

- 1). 12 KM away from Shirivardhan the taluka place.

~~2).~~

(2). General Description:-

This project envisages construction of main earthen Dam 290 m in length with maximum height 26.70 m in gorge. A clear over fall type non-gated waste weir on Right bank of 24.00 m in length is proposed in between Ch. 290 m to 314 m.

(3). Cost and Outlay :-

This scheme is administratively approved by Director, Maharashtra, Water Conservation Corporation, Aurangabad Resolution No MI/RAA/794/239/Aurangabad. Dt 17th March, 2011 for Rs. 635.12 lakhs. The work portion is Rs 588.53 Lakhs and Contingent charges are Rs. 47.18 Lakhs.

(4). Justification for locating the scheme in the forest area:-

Following reasons.

- (a) The length of dam is minimum.
- (b) More catchment area is available.
- (c) Comparatively less height of dam for maximum storage.
- (d) More command area is available.
- (e) Suitable site for good foundation in rock.
- (f) Comparatively less submergence area.

(9). Brief Economical Features of the Project :-

Sr.No.	Particulars.	Details.
1.	Estimated Cost.	Rs.63572117/-
2.	Total Command area.	131 Ha.
3.	Irrigable area.	105 Ha.
4.	Cost per T.Cum.	Rs.58317
5.	B.C.Ratio.	1.21 (Irrigable Project).

9 (1). Brief Economical Features of the Approved Project is as per: The Resolution of

Director, Maharashtra Water Conservation Corporation,

Aurangabad, No. C.No.794/239/Aurangabad. Dt-17 th March-2011.

9 (2). Work of the scheme has not been started.

9 (3) As there is not other suitable site near by in private land for the construction of dam and submergence of the scheme present alternate but to acquire the required forest land.

9 (4). The forest land proposed for acquisition is the barest minimum required.

9 (5). The up to date expenditure incurred on the scheme is Nil as no work has been started so far.

The construction work of this dam will be taken up in Nov-2014 hence clearance of the forest land is quite essential. The formality of Non Forest Land acquisition procedure is already completed in all respect.

It is assumed that the completion of this project will take about three years. The irrigation will start on completion of the scheme and will be fully developed at the end. On completion of third year from start of construction of the project it will bring prosperity if food production and also fulfill requirement of drinking water for in Nagaloli Village.

The project is attractive from technical point of view and also economically feasible as considering the norms of Minor Irrigation Project and therefore deserves priority for constructions.

The area benefited by this project is 105 Ha. Shrivardhan Taluka of Raigad District. The provision is made for drinking water supply to Nagaloli Village.

This Scheme is situated in hilly area of Shrivardhan Taluka and it is most essential for irrigation to maintain an assured supply of water for increasing food production by way of double cropping and also drinking water supply to some extent.

The present irrigation project is a part of this national effort. It is accepted to meet all abjective viz-protection from femine.improvement is yield and consequent increase in gross national product (G.N.P.) & Level of economy and bring all round prosperity to the region.

(6). Financial and Social benefit :-

The economic viability of the project has been estimated by comparing the flow of investment and returns too.

(7). Employment generated:-

As per administratively approved estimate an employment potential will be at 40% of cost have been estimated as below.

Total Cost of Scheme Rs. 635.72 Lakhs.

Employment potential ar 40% = $635.72 \times 0.40 = \text{Rs.} 254.29$ Lakhs Mandays.

Will be generated.

(8). Total population benefited :-

(A). By gravity flow irrigation.through Nalla about total irrigable command area of 105 Ha. ~~of~~ agriculture land from 1 village is benefited.

Near about 3000 souls from area of villages Nagaloli benefited.

(B).Drinking water supply to Nagaloli from this reservoir.

The completion of the project will result in assured food production, drinking water supply and also financial stability to the district. Therefore sanction to the forest proposal may please be accorded.

(11) Conclusion :-

The project is technically attractive and economically feasible. The value of overall benefits in terms of agricultural production and other indirect benefits is considerably more than the capital investment involved in the project.

Considering the affected project biodiversity is meager and hence. The project deserves priority for construction and therefore submitted for early clearance.

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