

Storage Tank @ Nagloli ,Tal. Shrivardhan, Dist. Raigad.

BENEFIT COST RATIO

A) Benefit of produce

a) Net benefit after introduction of irrigation at Rs. 95732.87 / Ha. for	105.0	Ha	Rs	10051951.09
b) Deduct benefit for the of culturable land proposed under acquisition for dam, submergence & canal @ Rs 59047.25 / Ha.	6.890	Ha.	(-) Rs	-406835.55
c) Deduct benefit due to rainfed produce = 52.5 x 5000.00			(-) Rs	-262500.00
d) Add benefits due to for the water supply @ R 1.50	0.00	Tcum of water reserved Per 10000.0 Litrs.	Rs	0.00

		Net Annual Benefits	Rs	9382615.54
<u>B) Annual cost</u>				
Total cost of project			Rs	69749796.00
i) Interest @ 10 % on the total cost (Ref. Govt. Circular No. I&P Dept. No. MNS - 1966-MI(I), Dtd. 1/3/1966)			Rs	6974979.60
ii) Depreciation charges @ 1.66 % on total cost.			Rs	1157846.61
iii) Administrative charges at Rs / Ha for 105.00 (Ref. Govt. Circular No. ID No. MNS - 1083/748/MI(I), Dtd. 26/6/1984)	232.00		Rs	24360.00
		Net Annual Cost.....	Rs	8157186.21

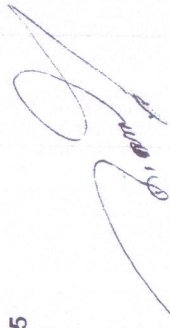
B.C. Ratio = Net annual benefit / Net annual cost. =

1.15

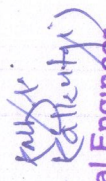
Prepared By

(S.K.Kachare)
AE - II

Assistant Engineer (Gr - I)
Minor Irrigation (L.S.), Sub-Dn.,
Mangaon, Dist. Raigad


Executive Engineer,
Minor Irrigation (L.S.) Dn.,
Thane.


Superintending Engineer
Minor Irrigation (L. S.) Circle
Thane


Sub Divisional Engineer
Small Scale Irrigation (W.C.)
Sub Dn., Mangaon