

# CHOUTPALLY HANUMANTH REDDY LIFT IRRIGATION SCHEME



## Preamble:

This Lift Irrigation Scheme is proposed on Shetpally tank which is fed by Distributory D4 of Sri Ramasagar Project Laxmi canal. The project is taken up to provide irrigation facility to an ayacut of 11,625 Acres(5802 Acres of Wet & 5823 Acres of dry) in 18 villages of Kammarpally & Morthad Mandals in Nizamabad District by lifting 180 cusecs of water.

## Location:

Source	Shetpally Tank (D4 of Laxmi canal of Sriramsagar Project)
Village	Shetpally
Mandal	Morthad
District	Nizamabad

## Lift Details:

Cost of Project	Rs.75.14 Crores
No. of Lifts	3
Lift	72.90M. <b>Stage-I -</b> (31.75 Mts, 46.20 Mts, 72.90 Mts & 49.80 Mts) <b>Stage - II(a)-</b> 29.15 Mts <b>Stage - II(b)-</b> 47.55 Mts
No. of Pumps	6 Nos. (4.395 MW)
Make of Pumps	ABB
Type of Pumps used	V.T.Pump
Pump Capacity	1 No x 4179 Cum/Hrs 2 Nos x 2853 Cum/Hrs 1 No x 2038 Cum/Hrs 2 Nos x 3618 Cum/Hrs 1 No x 2089 Cum/Hrs

	1 No x 1733 Cum/Hrs
Quantum of Water to be Lifted	1.00 TMC
Total Power Requirement	5.14 MW
Length of Pressure Main	56.45 KM
Total Length of Scheme	27.22 KM
Discharge	180 cusecs

### Irrigation Potential:

This Project was constructed to irrigate an ayacut of 11,625 Acres benefiting in Wyrā, Kammarpally & Morthad mandals of Nizambad district.

### Status of Project:

Operation & Maintenance in Progress.

### Schematic Diagram:

## ALIGNMENT OF CHOUTPALLY HANMANTH REDDY LIFT IRRIGATION SCHEME

