

**SGSY SPECIAL PROJECT PHASE - II  
UNDER MINISTRY OF RURAL DEVELOPMENT, GOI  
FOR DISTRICT JHALAWAR, RAJASTHAN**

**APPROVAL OF GOVERNMENT OF INDIA**

The Government of India, Ministry of Rural Development, had approved SGSY Special Project Phase-II for Dag block of district Jhalawar, Rajasthan, under their approval No. 24015/188/2003-SGSY-I dated 10<sup>th</sup> February 2004.

**PROJECT DESCRIPTION**

**Title of Project**

The Community Managed Water Resources Development For Below Poverty Line Families in Jhalawad district, Rajasthan, under SGSY special scheme of Government of India.

**Objectives**

The project aims to achieve sustainable improvements in the living standards of rural poor, lifting them above the poverty line through irrigation and agriculture development.

**Implementing Agency**

N M Sadguru Water and Development Foundation under Zilla Parishad, Jhalawar and Department of Rural Development, Rajasthan.

**Credentials of Implementing Agency**

Implementing agency has vast experience in the implementation of programmes centered around land and water resources development, mainly implementing the government programmes for more than 32 years in the backward districts of Gujarat, Rajasthan and Madhya Pradesh. It is a pioneering NGO in the field of small scale water resources development, micro watershed development, agriculture development, horticulture development, successfully operating at very good scale.

**Project Period**

Three years.

**Project Outlay / Cost**

The approved project cost with sharing by different partners is as follows ;

Total cost	Rs. 961.57 lakhs
Govt. of India share	Rs. 616.91 lakhs
State Government share	Rs. 104.27 lakhs
NGO share	Rs. 240.39 lakhs

## Project Components / Programmes and their cost

The project components, their physical targets and the cost with cost sharing by different partners is as follows ;

Programme	Nos.	Cost sharing (in Rs. Lakhs)			
		Total cost	Government of India share	NGO share	State government share
Check dam (Nos.)	11	544.50	408.38	136.12	-
Lift Irrigation schemes (Nos.)	09	246.40	123.20	61.60	61.60
Horticulture Development (Nos. of plots)	80	110.00	55.00	27.50	27.50
New wells construction (Nos.)	34	46.75	23.37	11.60	11.60
Fisheries (Nos. of villages)	13	13.92	06.96	03.48	03.48
<b>TOTAL</b>	<b>-</b>	<b>961.57</b>	<b>616.91</b>	<b>240.39</b>	<b>104.27</b>

## Estimated Nos. of Beneficiaries / households

It is estimated that under various programmes as above, the estimated number of households to benefit would be 4,825 on implementation of the project. Majority of the households would be below poverty line as per actual conditions.

The approximate break up of beneficiaries / households under various programmes would be ;

Sr. No.	Programme	Estimated Nos. of households to benefit
1.	Check dam (Nos.)	3,104
2.	Lift Irrigation (Nos.)	896
3.	Horticulture Development (Nos. of plots)	80
4.	New wells construction (Nos.)	34
5.	Fisheries (Nos. of villages)	711
	<b>TOTAL</b>	<b>4,825</b>

## Expected Impact

Few of the most significant impact would be ;

1. Almost all the beneficiary households will cross the poverty line. It is assumed that all landholders under irrigation may get minimum annual income of more than Rs. 20,000/-.
2. Drought proofing will be achieved substantially.
3. The out migration for livelihood earning would be reduced.
4. Appreciation of land value by atleast ten times, which will raise the socio-economic status of the beneficiaries and also their creditworthiness.

5. There would be many other indirect impact such as, increase in the school attendance, improvement in health, nutrition, housing, etc.
6. Diary activity due to the availability of fodder may also develop.
7. The subsequent integration of agro forestry, horticulture, floriculture, in the command area may further improve the environment and economic conditions, bringing in almost full drought proofing.
8. Farmers will have sustainable incomes from fisheries.

### **Commencement of Actual Implementation**

Actual implementation commenced in December 2004 though the project was approved in February 2004. The delay in commencement of work was due to Code of Conduct under general Parliamentary elections and also due to various formalities and processes to be followed in terms of drafting of agreement, execution of agreement between implementing agency and Zilla Parishad, release of first installment after the approval of District Committee, technical sanction by competent authorities to individual schemes, etc.

### **Physical Progress**

As mentioned above, physical works commenced in the month of December 2004 and till May 2006 the physical progress under different programmes has been as follows ;

<b>Sr. No.</b>	<b>Programmes</b>	<b>Completed works till April 2006</b>	<b>Work in progress in May 2006</b>
1.	Community check dams (Nos.)	04	02 check dams are under construction
2.	Community lift irrigation schemes (Nos.)	03	-
3.	Horticulture Development (Nos. of plots)	*70	-
4.	New wells construction (Nos.)	04	Work on 07 more wells will be started in appropriate season.
5.	Fisheries (Nos. of villages)	01	08 more villages and water bodies have been identified for putting fingerlings in due course.

\*Under the local condition and much limited land holdings under irrigation, it is not workable to undertake one plot of one hectare under horticulture, and therefore, one plot would be of 0.25 ha. (one bigha). In reducing the plot size as above, the number of plots will increase. The district authorities have approved this revision in unit size of plot.

### **Explanation on Progress**

Major programmes with heavy financial outlay are check dams and lift irrigation schemes. These two programmes have been phased out in three years. At the end of first year of actual implementation, the physical progress has been as planned. Though part of second year phasing has been started it would pick up speed from November-December 2006 on

receipt of due grants and after expiry of monsoon 2006 because during monsoon water resources projects cannot be implemented. In absence of adequate grants the full fledged implementation of second year programme in summer 2006 could not take place, otherwise second year target of water resources projects could have been achieved by May 2006.

The work on wells did not progress well even though technical sanction was accorded to 11 wells. The progress was hampered due to delay in the release of grants from Government of India.

### **Expenditure till April 2006**

The total expenditure under the project till the end of April 2006 has been Rs. 347.49. The break up of different sharing of above expenditure has been ;

*Government (Central & State)	Rs.	253.64 lakhs
NGO expenses	Rs.	093.86 lakhs
Total	Rs.	347.49 lakhs

\*We are awaiting information from Zilla Parishad, Jhalawar, on the bifurcation of the grant released to us under central government head and state share. On receipt of this information we will bifurcate the above government expenses for central and state share. However, there would not be any change in the total expenditure shown above as on 30<sup>th</sup> April 2006.

### **Pictorial Presentation of completed schemes**

The live pictures of the completed schemes of water resources development under SGSY-II special project have been presented here below ;

**PICTORIAL DOCUMENTATION OF WATER RESOURCES  
PROJECTS UNDER SGSY SPECIAL PROJECT-II PHASE  
DURING THE EXECUTION STAGE IN JHALAWAR, RAJASTHAN**



Karawan Check Dam on river Ahu under SGSY special project-II phase,  
Jhalawar, Rajasthan, designed and executed by  
N M Sadguru Water and Development Foundation.

*October 2005*

*IMPLEMENTING AGENCY*

**N M SADGURU WATER AND DEVELOPMENT FOUNDATION**

Email : [nmsadguru@yahoo.com](mailto:nmsadguru@yahoo.com)

## **PREAMBLE**

The Government of India, Ministry of Rural Development, has sanctioned a project for the Small Scale Water Resources Development in Dag Block, District Jhalawar, Rajasthan, under SGSY Special Project –II under the approval No. 24015/188/2003-SGSY-I (Special Project) dated 10.02.2004. As per the approval of GOI, this project is being implemented by NGO, N M Sadguru Water and Development Foundation.

20 small scale water resources projects in the form of community Lift Irrigation Schemes and community Water Harvesting Structures (Check Dams) (9Lift Irrigation schemes and 11 Check Dams) with 3 others activities of Horticulture Development plots of 80 No, Well development of 34 No and Fisheries programme in 13 villagers is to be executed by above NGO with the total outlay of Rs.961.57 lakhs, with 64% of the grants under SGSY special project-II from GOI, 11% from State Government and 25% to be shared by above NGO.

The above project is regularly monitored and directed by the Department of Rural Development, Rajasthan, and Jilla Parishad, Jhalawar, Rajasthan.

The agreement between two parties; Jilla Parishad Jhalawar, and NGO is executed on 09-09-2004 and the first installment of the grant is released by Jilla Parishad on 02-11-2004. The necessary technical sanction of the first phase of projects is accorded on 02-12-2004, after the technical scrutiny and clearance by the Additional Chief Engineer, Irrigation, Kota.

After completing the above formalities and processes, the actual work on 6 projects of first phase started from 12-12-2004 on check dams and from 18-12-2004 on lift irrigation schemes.

By the end of June 2004, 2 lift irrigation schemes are physically completed and 4 huge check dams are completed. Thus, 6 projects out of total 20 projects have been completed by the end of June 2005. 30% of the overall projects have been completed within seven months of the technical and administrative sanctions. This is an exceptional speed combined with an excellent workmanship.

The present document reflects the progress on 6 projects under SGSY-II completed by the end of June 2005. On the completion of the 20 projects under SGSY Special Project –II about 4000 families will be benefited and expected irrigation coverage under various methods would be around 14400.00 acres in one season and around 28000 cropping acres in two seasons. In good monsoon year, there would be possibility of even partial summer irrigation, which is not included in about figure.

As for the financial achievement under the project by the end of September, 2005, the summary of actual expenses on the projects is as follows:

Government Expenses	Rs. 245.42 (75%)
NGO expenses	Rs. 78.30 (25%)
<b>Total</b>	<b>Rs 323.72 (100%)</b>

For the post construction, monitoring and inputs and also to expand the development activities in the region, the NGO has established full fledged and well equipped, separate office with all the necessary modern equipments is established by NGO at Chaumehla, manned by qualified and experienced multi-disciplinary team.

We have completed SGSY-Special project in the year 2004 and a separate document is prepared for this SGSY Special Projects-I and its details are not furnished in this documents

October 2005

HARNATH JAGAWAT  
DIRECTOR

**Karawan checkdam on river Ahu under  
SGSY special project-II Phase, Jhalawar, Rajasthan**



*Initial stage of work - January 2005*



*Beginning of October 2005 with water stored*

This checkdam stores about 19 mcft

**Marlawada checkdam on river Ahu under  
SGSY special project-II Phase, Jhalawar, Rajasthan**



*Initial stage of work - January 2005*



*Beginning of October 2005 with water stored*

This checkdam stores about 10 mcft

**Mogra checkdam on river Ahu under  
SGSY special project-II Phase, Jhalawar, Rajasthan**



*Initial stage of work - January 2005*



*Beginning of October 2005 with water stored*

This checkdam stores about 13 mcft water

## Chorkhedi Mandwa checkdam on river Ahu under SGSY special project-II Phase, Jhalawar, Rajasthan



*Initial stage of work - January 2005*



*Beginning of October 2005 with water stored*

This checkdam stores about 15 mcft

Completed Karwan Lift Irrigation Scheme under  
SGSY special project-II phase, Jhalawar,  
Rajasthan



This L.I.Scheme will irrigate 165.00 acres of  
the land in 2 seasons.

**Completed Marlawada Lift Irrigation Scheme  
under SGSY special project-II phase,  
Jhalawar, Rajasthan**



This L.I.Scheme will irrigate 112.50 acres of the land in 2 seasons.

**Completed Payra Lift Irrigation Scheme under SGSY special project-II phase, Jhalawar, Rajasthan**



**This L.I.Scheme will irrigate 112.50 acres of the land in 2 seasons.**

**NM Sadguru Water and Development Foundation, Dahod**  
**Table of progress of Jhalawar (SGSY) Project-2<sup>nd</sup> Phase**  
**Indicating Important Events**

Date/ Month/ Year	Activity / Particular	Remarks
25-02-2003	Proposal submitted to DRDA / Jilla Parisad, Jhalawar, Govt.of Raj. And Govt. of India. (18 Check dams and 18 Lift Irrigation schemes, total 36 Project) Project Cost Rs.1419 lakh.	
16-10-2003	Revised Proposal submitted to DRDA / Jilla Parisad, Jhalawar under SGSY-Special project (11 Check dams and 9 Lift Irrigation schemes, 80 plots of Horticulture Development, 34 nos of New well development and fisheries programme in 13 villages) Reduced to Cost Rs. 961.57 lakhs.	
10-02-2004	Approval by Govt. of India, Ministry of Rural Development, Approval no. 24015/188/2003-SGSY-I (Special Project) as approved by RD Jhalawar dated 10-02-2004.	
09-08-2004	Date of agreement between Jilla Parisad, Jhalawar and SWDF for executing the programme.	
16-09-2004	Detail Technical Plan and Estimate submitted to SE, Irrigation department, Jilla Parisad, Jhalawar and Addl. Chief Engg. Kota. (2 Lift Irrigation Scheme).	
04-10-2004	Detail Technical Plan and Estimate submitted to SE, Irrigation department, Jilla Parisad, Jhalawar and Addl. Chief Engg. Kota. (4 Check dams).	
26-10-2004	Technical clearance given by Addl. Chief Engg. Kota. (4 Check dams and 2 Lift Irrigation Schemes).	
02-11-2004	Ist Installment received and credit in account from Jilla Parisad Jhalawar (Amount Rs. 1,15,38,800).	
11-11-2004	Technical sanction given by S.E. Irrigation, Jhalawar (4Check dams and 2 Lift Irrigation Schemes).	
02-12-2004	Administrative and Financial sanction given by District level committee. (4 Check dams and 2 Lift Irrigation schemes).	
12-12-2004	Technical Line out given for check dams (4 Nos).	
18-12-2004	Technical Line out given for Lift Irrigation Schemes (2 Nos).	
24-12-2004	Physical work started after mobilization of equipment, machinery, identification of suppliers and other preliminary work in respect of Check dams.	
03-05-2005	IInd Installment received and credit in account from Jilla Parisad Jhalawar (Amount Rs. 1,15,38,800).	
10-06-2005	4 Check dams & 2 Lift Irrigation schemes physically completed (RSEB connection for L.I is on progress).	