



# Overview



## Overview

This Report of Comptroller and Auditor General of India on Economic Sector, Government of Madhya Pradesh for the year ended 31 March 2016 comprises three Chapters. First Chapter contains the financial profile of the State, planning and conduct of audit and follow up on Audit Reports. Second Chapter deals with the findings of two Performance Audits and third Chapter deals with Compliance audit findings of the Departments of Co-operation, Farmer Welfare and Agriculture Development, Forest, Narmada Valley Development, Public Works and Water Resources. The audit findings included in the Performance Audits and Compliance Audits in this Report have total money value of ₹ 1,705.33 crore.

The audit has been conducted in conformity with the Auditing Standards issued by the Comptroller and Auditor General of India. Audit samples have been drawn based on statistical sampling. The specific audit methodology adopted has been mentioned in each Performance/Compliance Audit. The audit conclusions have been drawn and recommendations have been made taking into consideration the views of the Government. A summary of the main audit findings is presented in this overview.

### 1. Performance Audits

#### (i) Implementation of National Food Security Mission

National Food Security Mission (NFSM) is a centrally sponsored crop development scheme which aimed at achieving additional production of food grains and restoring soil health. In Madhya Pradesh, the scheme was being implemented in eight districts under NFSM-Rice, 17 districts under NFSM-Wheat and all 51 districts under NFSM-Pulses. Since 2014-15, NFSM-Coarse cereals and NFSM-Commercial crops were being implemented in 16 districts and eight districts respectively. During 2012-13 to 2015-16, the State had incurred ₹ 945.18 crore out of ₹ 1,051.41 crore received as grants-in-aid from the Government of India for activities to be undertaken under the scheme.

Performance audit covering the period from 2012-13 to 2015-16 revealed that:

Target for production of food grains were not fixed for NFSM districts in the State. As a result, their progress in achieving scheme objective of additional production could not be ascertained.

Despite an expenditure of ₹ 945.18 crore under NFSM in the State during 2012-16, only two *per cent* of the total farmers in the State had benefitted from the scheme.

#### *Cultivation area of foodgrains*

NFSM districts could increase the sown area of rice by five *per cent* only as against the average growth rate of 26 *per cent* in sown area of rice at State level. NFSM-Wheat districts also did not achieve sustained growth, as the sown areas decreased in 2014-15 as compared to previous year. Production of pulses substantially decreased by 22 *per cent* in 2013-14 and by 14 *per cent* in 2014-15 as compared to 2012-13. However, utilisation of funds received under NFSM by the Department decreased from 95 *per cent* in 2012-

13 to 64 *per cent* in 2015-16 due to quarterly budgeting system, low rainfall, drought, etc.

***(Paragraph 2.1.6)***

***Distribution of quality seeds***

The Department did not provide adequate seeds in time. As a result, the objective of the Scheme of distributing quality seeds at subsidised rates to all farmers could not be achieved. A beneficiary survey of farmers conducted by the audit revealed that 250 out of 260 farmers reported higher yield by using quality seeds provided by the Department.

District offices could not ensure quality testing of seeds distributed to farmers before its sowing, which put to risk, the production and income generation of farmers.

***(Paragraph 2.1.8)***

***Agencies for supply and norms for subsidy***

The Department did not fix the agencies and rates of farm implements as required under the NFSM operational guidelines. The assistance to farmers on purchase of farm implements resulted in irregular expenditure of ₹ 261.81 crore.

Norms for providing subsidy on farm implements such as pipes and sprinkler sets were not adhered to by the Department. As a result, the Department provided irregular subsidy of ₹ 5.11 crore to 8,337 farmers in 14 districts.

***(Paragraph 2.1.11)***

***Field demonstrations***

The objective of field demonstration to disseminate the knowledge of improved practices were largely not fulfilled due to deficiencies in conducting cropping system demonstrations, lack of involvement of scientists and deficiency in preparation of results of demonstration. In eight test checked districts, expenditure of ₹ 91.71 crore on 1.74 lakh demonstrations was rendered unfruitful due to failure to maintain prescribed records for demonstration results.

***(Paragraph 2.1.9)***

***Plans for implementation of scheme***

Perspective plan for implementation of scheme in the State was not prepared. Baseline survey and feasibility studies were also not conducted due to which the status of crop productivity and its potential remained unassessed. Inputs from the Block offices were not obtained for preparation of District Annual Action Plans.

***(Paragraph 2.1.7)***

***Monitoring of the scheme***

Inadequate coordination at State and District level of the Department to ensure proper functioning of Project Management Teams affected the planning, implementation and monitoring of the scheme.

***(Paragraph 2.1.16)***

## (ii) Implementation of Madhya Pradesh Water Sector Restructuring Project

Madhya Pradesh Water Sector Restructuring Project (MPWSRP) was taken up in 2004 by WRD, Government of Madhya Pradesh (GoMP) with assistance from the World Bank. It aimed to rehabilitate and modernise existing irrigation assets in selected six river basins (Chambal, Betwa, Ken, Sindh, Tons and Wainganga) of the State having Culturable Command Area (CCA) of 6.18 lakh hectare (ha). The administrative approval of the project was revised (April 2015) to ₹ 2,498 crore from ₹ 1,919 crore (August 2004). MPWSRP, after five time extensions, was closed in June 2015 after incurring an expenditure of ₹ 2,497.52 crore.

A performance audit of MPWSRP during the period 2010-16 revealed the following:

### *Change in scope of project*

The scope of MPWSRP was restructured in June 2012 and 362 irrigation schemes were discontinued as Department failed to complete the scheme as per Project Implementation Plan (PIP). The easy execution of Chambal Canal System prompted WRD for its overemphasis after restructuring of the project in June 2012. Works valuing ₹ 606.24 crore (24 per cent of total expenditure under MPWSRP) were taken up during 2012-13 to 2013-14 for Chambal Canal System. Of these works, Cement Concrete lining, which could be easily executed in a short span of time, constituted 94.29 per cent of works. The overemphasis on Chambal Canal System helped Department in achieving the required financial progress for closing the project. However, this adversely affected achievement of CCA of medium and minor schemes.

*(Paragraph 2.2.7.1)*

### *Agriculture intensification and diversification*

The MPWSRP envisaged for agricultural intensification and diversification through effective collaboration of GoMP line Departments (WRD, FW&AD, Horticulture and Food Processing Department and Jawaharlal Nehru Krishi Vishav Vidyalaya (JNKVV), Jabalpur). Due to poor integration with line departments, absence of sustainable water supply to farmers, lack of extension activities and training to Water User Associations (WUAs), agriculture intensification and diversification did not correspond to the achievement of irrigated area under MPWSRP.

During beneficiary survey, 133 out of 334 (40 per cent) farmers reported not participating in any training programme of FW&AD. Thus, there was lack of effort at institutional level to generate awareness among farmers about the benefits of crop diversification.

The impact of sown area of gram, *arhar* and mustard was taken as an indicator for agriculture intensification in PIP. There was reduction in sown areas of gram and *arhar* during 2014-15 by 20 per cent and 35 per cent respectively as compared to 2011-12. Further, the sown area of mustard was reduced in 2014-15 by 19 per cent as compared to 2012-13. Plantation area of fruits, vegetables and spices remained low ranging from 2.90 per cent to 7.31 per cent, as

against the target of 21 *per cent* of the irrigated area envisaged in PIP and was even below state average of nine *per cent*.

*(Paragraph 2.2.7.4)*

**Contract management and execution**

Avoidable liability of commitment charges of ₹ 9.38 crore was created due to delayed planning and execution of works.

*(Paragraph 2.2.8.1)*

Provision was made in Scheme Modernisation Plans for works of field channels, water courses and farm turnouts. But these works were not executed in Chambal Canal System. As a result, ₹ 205.52 crore earmarked for micro distribution network and canal automation were diverted for other purposes.

Unjustified expenditure of ₹ 263.85 crore was incurred on execution of excess quantities and length of CC lining of canals beyond the scope of Scheme Modernisation Plans (SMP).

*(Paragraphs 2.2.7.3 and 2.2.8.3)*

Provisions of specifications appended with National Competitive Bidding (NCB) were not adhered resulting in irregularities amounting to ₹ 65.18 crore in works for trimming of earthwork and CC lining of canals, besides, inadequate quality control of works.

*(Paragraphs 2.2.9.2, 2.2.9.4, 2.2.9.6 and 2.2.10.3)*

Adherence with agreement clauses was inadequate leading undue financial benefit of ₹ 68.74 crore in issues relating to additional security deposit, liquidated damages, royalty charges and insurance coverage of works.

*(Paragraphs 2.2.9.9, 2.2.9.10, 2.2.9.11 and 2.2.9.12)*

Provisions of schedule of rates were not followed, which led to extra cost of ₹ 24.02 crore due to incorrect lead of metal, incorrect rate of embankment and item of blasting besides, excess payment on account of shrinkage allowance.

*(Paragraphs 2.2.9.3, 2.2.9.5, 2.2.9.7 and 2.2.9.14)*

Quality control and monitoring of the project was inadequate as core tests of works were not ensured. This resulted in undue financial aid of ₹ 20.47 crore to contractors.

*(Paragarph 2.2.10.3)*

## **2. Compliance Audit findings**

### **(i) Audit on preparation of estimates of road works**

Out of 57 Public Works Division in the State, the test checked 12 divisions executed 391 road works valued at ₹ 1,699.25 crore during 2012-16. Out of this, 196 estimates for road works valued ₹ 1,250.74 crore were audited, which revealed that:

In all the test checked 196 estimates, pre-requisite activities for preparation of estimates of road works, such as feasibility study and detailed survey and

investigation were not carried out. As a result, there were large deviations from estimates at the time of execution.

**(Paragraph 3.1.2.1)**

Quantities of earthwork were provisioned in the test checked estimates by taking average thickness without taking actual ground levels. Due to failure in taking levels in 103 road works and erroneous consideration of levels in 93 road works, quantities of earthwork were not provisioned correctly in the estimates resulting in variation of more than 10 *per cent* in 68 road works.

**(Paragraph 3.1.2.2)**

Road works were awarded without ensuring adequate provision in the estimates for acquisition of forest and private lands. As a result, 26 out of 196 test checked road works were delayed for two months to over six years, which included 15 road works on which an expenditure of ₹ 66.86 crore was already incurred remained incomplete even after lapse of 21 to 68 months.

**(Paragraph 3.1.2.4)**

Cost of utility shifting in 10 estimates was provisioned on assumption basis without obtaining technical sanction from concerned Departments resulting in delay from 11 months to 27 months in construction of roads, besides increase in cost of road by ₹ 7.14 crore.

**(Paragraph 3.1.2.5)**

In 13 estimates, design traffic of road crust was incorrectly computed resulting in adoption of substandard specification in 10 estimates and richer specification resulting in extra cost of ₹ 2.98 crore in three estimates. It was also observed that though design traffics were worked out correctly in 20 estimates, department erroneously adopted richer specification resulting in extra cost of ₹ 21.30 crore.

**(Paragraph 3.1.3.1)**

Provisions of cross drainage (96 estimates) and length of road (30 estimates) were made without survey and investigation. As a result, wide deviation from estimate was noticed in 94 estimates which resulted in excess expenditure of ₹ 32.56 crore. Similarly, length of road specified in the estimate was increased up to three kilo metres in six road works and decreased up to 10.5 kilo metres in 24 road works.

**(Paragraphs 3.1.4.1 and 3.1.4.2)**

**(ii) Audit on Crop Insurance Scheme**

National Agricultural Insurance Scheme (NAIS) was launched by Government of India (GoI) from Rabi 1999-2000 season to mitigate the financial loss suffered by farmers due to crop failure on account of natural calamities, pests and diseases. Agriculture Insurance Company of India Limited (AIC) was the implementing agency of the scheme. The audit revealed that:

The coverage of farmers under NAIS increased from 14.58 *per cent* (Rabi 2010-11) to 33.80 *per cent* (Kharif 2015) of the total number of 88.72 lakh farmers in the State. The increase in coverage was due to compulsory insurance of loanee farmers, as only 2841 non-loanee farmers were covered under the scheme during Rabi 2010-11 to Kharif 2015. However, inadequate

coverage of 14.58 *per cent* to 33.80 *per cent* farmers under the scheme adversely affected the objectives of NAIS to help stabilise farm income, particularly in disaster years.

**(Paragraph 3.2.2.1)**

State Government failed to timely notify crop-wise areas to be covered under the scheme and the delays in notification ranged up to eight months. Farmers of 120 *Patwari Halkas* were deprived of the benefits under the scheme due to delay in issuing notifications for these areas after cut off dates for receipt of declaration by insurance agency.

**(Paragraph 3.2.2.2)**

As a result of failure of Superintendent Land Records and Deputy Directors of Agriculture in providing the results of crop cutting experiments, Agriculture Insurance Company could not calculate the insurance claim of farmers in 6,702 *Patwari Halkas*.

**(Paragraph 3.2.2.3)**

In Actuarial regime, Agriculture Insurance Company would bear insurance claims of the farmers by increasing the insurance charges ascertained by its statistical experts. However, it was not implemented even after five years of introduction of NAIS in the State. This resulted to extra financial burden of ₹ 692.92 crore to the State Government during *Rabi* 2010-11 to *Kharif* 2015.

**(Paragraph 3.2.2.4)**

There were delays in disbursement of insurance claims to farmers ranging from one month to over two years during *Rabi* 2010-11 to *Kharif* 2015. During beneficiary survey of 256 farmers in five districts, 16 *per cent* of the farmers stated that they could not repay their loans in due time due to delay in receipt of claims and hence, were debarred for loans in next season. Thus, delay in disbursement of claims resulted in hardship to claimants.

**(Paragraph 3.2.2.9)**

Due to failure of financial institutions to adhere to the limits specified for providing finances to the farmers, insurance claim submitted by farmers was increased by ₹ 101.07 crore. This caused extra financial burden to the Government.

**(Paragraph 3.2.2.10)**

During *Kharif* 2013, insured areas were more than the sown areas of notified crops by 9.06 lakh hectare in 3362 *Patwari Halkas* of 42 districts. The Department attributed it to obtaining more than one *Kisan Credit Card* by farmers.

**(Paragraph 3.2.2.12)**

### **(iii) Compliance Audit Paragraphs**

Audit has reported on several significant deficiencies in critical areas which impact the effectiveness of the State Government. Some important findings arising out of Compliance Audit (16 paragraphs) are featured in the Report. The major observations relate to failure to comply with rules and regulations,

audit against propriety and cases of expenditure without adequate justification and failure of oversight/governance. Some of them are mentioned below:

The decision of MARKFED, Bhopal to accept the rates of transportation at much higher rate as compared to previous year led to extra cost amounting to ₹ 1.30 crore.

**(Paragraph 3.3.1)**

In Alirajpur, Anuppur, Betul (North) and Vidisha, application of provisional/incorrect rates of Net Present Value has resulted into an amount of ₹ 5.89 crore being outstanding for recovery from the user agencies for use of diverted forest land.

**(Paragraph 3.3.2)**

Delay in implementation of revised rates of entry fees in the National Parks/Sanctuaries/Tiger Reserves of Madhya Pradesh led to irrecoverable loss of ₹ 62.68 lakh to the Government.

**(Paragraph 3.3.3)**

In ND Division No. 32 Barwaha, clause for central excise exemption was not included in the Notice Inviting Tender for a tender on turnkey basis which led to undue benefit to the contractor amounting to ₹ 22.26 crore, which would have been otherwise extended to the Government, by way of reduced project cost.

**(Paragraph 3.3.4)**

The Executive Engineer, ND Division No. 7, Satna irregularly granted mobilisation advance of ₹ 1.89 crore to the contractor in contravention to the provisions of the contract and there was short recovery of penalty of ₹ 6.78 crore.

**(Paragraph 3.3.5)**

The Executive Engineer, Omkareshwar Project Canal Division, Dhamnod (Dhar) adopted incorrect prices of Petrol, Oil and Lubricants which resulted in excess payment of ₹ 7.89 crore to the contractors. However, after being pointed out by audit, an amount ₹ 7.82 crore has been recovered

**(Paragraph 3.3.6)**

In ND Division No. 16, Kukshi, District Dhar, the Executive Engineer made incorrect provision and executed excess thickness of cement concrete lining work against the irrigation specifications resulting in extra cost of ₹ 1.27 crore.

**(Paragraph 3.3.7)**

The Executive Engineer, Public Works Department (B&R) Division, Ujjain executed excess thickness of Crusher Run Macadam against the IRC-37 specification which led to unauthorised payment of ₹ 98.25 lakh.

**(Paragraph 3.3.8)**

Injudicious fixation of higher rate for item “clearing and grubbing” in the Schedule of Rates led to extra cost of ₹ 4.76 crore in Public Works Division Simhastha.

**(Paragraph 3.3.9)**

Audit noticed extra cost of ₹ 5.65 crore due to inclusion of higher rate for RCC pipe, royalty of ₹ 3.26 crore for hard rock not recovered, undue financial aid to contractor on account of payment of ₹ 40.82 lakh made to Railway authority and irregular payment of ₹ 48.85 lakh for temporary land acquisition in execution of Khan River diversion project under Simhastha-2016.

***(Paragraph 3.3.10)***

In Water Resource division-I, Jhabua, the value of the excavated hard rock was not included by the Executive Engineer in the books (Material-at-Site) of the division, which led to probable loss of ₹ 21.23 crore to the Government.

***(Paragraph 3.3.11)***

Due to inadequate estimation and poor planning, the seepage problem could not be resolved even after constructing RCC duct with less water way area and diversion channel. This led to infructuous expenditure of ₹ 3.00 crore in Sanjay Sarowar Bhingarh Right Bank Main canal under Tilwara left bank canal, Division-Keolari (Seoni).

***(Paragraph 3.3.12)***

The Executive Engineer, Pancham Nagar Project Survey Division, Hatta made incorrect provision of lead for sand from 100 km clubbed in the cement concrete item resulting in excess payment of ₹ 1.58 crore to the contractor.

***(Paragraph 3.3.13)***

Adoption of incorrect clubbed rate of earthwork instead of adoption of complete item for earthwork resulted in extra cost of ₹ 1.31 crore in Water Resource Department Division Manawar and Shajapur.

***(Paragraph 3.3.14)***

Adoption of higher clubbed rates for providing and placing of Cohesive non-swelling item resulted in extra cost of ₹ 1.09 crore in six WR Divisions.

***(Paragraph 3.3.15)***

Incorrect provision and execution of tamping in canal work as a separate item resulted in extra cost of ₹ 77.36 lakh in 12 canal lining works for 11 schemes in seven divisions. However, after being pointed out by audit, an amount ₹ 12.56 lakh has been recovered.

***(Paragraph 3.3.16)***