

# BIHAR VIKAS MISSION

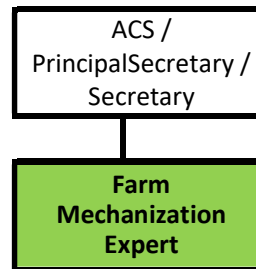
## Job Description



### 1. General Information

<b>Position Title:</b>	<b>Farm Mechanization Expert</b>
<b>Reports to:</b>	<b>ACS / Principal Secretary / Secretary – Agriculture Department</b>
<b>Department:</b>	<b>Bihar Vikas Mission</b>

### 2. Organization Chart



### 3. Key Accountabilities

#### Strategizing and Expert Advisory

- Design a strategic plan and roadmap to increase production, productivity and profitability in agriculture by promoting farm mechanization, with relevant stakeholders in the Department (ACS, Principal Secretary, Secretary etc.) and related functionaries
- Contribute to the Department's work plan related to making agricultural equipment available among farmers at cheaper rates and developing a buy-in for farm mechanization systems and technologies among farmers, through insightful analysis and innovative solutions
- Conduct domain research and provide insights and perspective to ensure incorporation of best practices and latest trends & technologies from across different states and facilitate management decision-making
- Provide guidance to the Department in creating awareness about agricultural equipment and machinery among the end users and other stakeholders
- Provide expert advice to the Department for promoting the technology for primary processing, value addition, low cost scientific storage and transport of agricultural produce to minimize wastage during post harvesting processes
- Support the Department in required process and system reforms to ensure effective implementation of the strategic plan and its continuous monitoring, as required
- Liaise with relevant officials in the Department to develop ideas and plans to address other departmental priorities and undertake strategic and operational planning exercises
- Establish and build partnerships with important and relevant national level bodies and organizations like Mechanization & Technology Department of the Ministry of Agriculture and Farmers Welfare (Government of India), National Bank for Agriculture And Rural Development (NABARD), NITI Aayog etc. and leading private organizations to garner support for promotion of farm mechanization in the State

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### Stakeholders engagement for improved mechanization

- Increase awareness of farmers about modern agricultural machines of standard quality, through agricultural mechanization melas.
- Organize promotional events for the establishment of Custom Hiring Centers, under submission on agri-mechanization scheme.
- Prepare special programmes for share-croppers, small and marginal farmers to promote modern machineries.
- Identification, certification and promotion of women friendly equipment through suitable scheme to reduce the drudgery of women farm workers.
- Organize suitable training and skill development programmes for the operators of machineries on operation, repair, and its maintenance.
- Recommend suitable measures to reduce the post-harvest losses in cereal and pulses through the post-harvest mechanization such as cleaning, grading, milling etc.
- Coordinate with scientist, officials, engineers, and selected manufacturers for the promotion of local agricultural equipments and conduct training and demonstration for the same.

### Continuous Improvement

- Identify opportunities for continuous improvement of systems, processes and practices taking into account international and national best practices, in order to facilitate cost optimization and productivity improvement

### Policies, Systems, Processes & Procedures

- Recommend improvements to functional procedures and follow all relevant departmental policies, processes, standard operating procedures and instructions so that work is carried out in a controlled and consistent manner

### Related Assignments

- Perform other related duties or assignments as and when required

## 4. Qualifications and Experience

### Essential

- Bachelor's degree in Agriculture Engineering along with Post Graduate Diploma (2 Years) or Master's degree in Management / Business Administration
- Minimum 10 years of experience in agriculture technology sector

### OR

- Superannuated personnel (including VRS) from Government or any other organization under the aegis of State or Central Government with minimum 10 years of experience in agriculture technology sector (last held position should not be lower than Joint Secretary or Joint Director or Equivalent level)

### OR

- At least 10 years of experience in Indian Administrative Service / 15 years of experience in State Administrative Service (last held position should not be lower than Joint Secretary or equivalent level) with minimum 3 years of experience in agriculture technology sector
- Less than 65 years of age as on 1<sup>st</sup> August'2021

### Preferred

- Experience as Director / Joint Director / Additional Director in Leadership position in institutes like Indian Council for Agriculture research (ICAR), Farm Machinery Training and Testing Institute Government of India(FMTTI) / National level Agricultural Institutes
- Proven track record of managing / advising / working on farm mechanization projects / initiatives / programs with State / Central Government or any other organization under the aegis of State or Central Government / bilateral / multilateral organizations (such as Mechanization & Technology Department of the Ministry of Agriculture and Farmers Welfare (Government of India), UNDP, ADB, DFID, World Bank, NABARD etc.)
- Master's degree or higher in Agriculture Engineering
- Honors / Awards / Recognized publication in relevant area will be an added advantage

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### 5. Knowledge and Other Skills

- Strong interpersonal and networking skills
- Experience of policy and process design, operations development and management in the domain of Agriculture Mechanization
- Excellent knowledge of latest technologies, trends and best practices in the Agriculture Industry
- Demonstrated ability to manage staff / consultants / operations in the States and managing large teams - technical, operations and administrative
- Fluency in written and spoken English and Hindi is essential