

**Govt. of Jharkhand**  
**Rural Development Department**  
**Jharkhand State Livelihood Promotion Society**  
2nd Floor, JSAMB Building, Itki Road, Hehal, Ranchi - 834005, Jharkhand  
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No: JSLPS/941

Date: 09.09.2021

Proc. Ref. No. : IN-JSLPS-253272-CS-QCBS

**REQUEST FOR EXPRESSION OF INTEREST (REOI)**  
**for Consultancy Services for Providing Technical Support in Scaling up the**  
**Technology-enabled Custom Hiring Centres (CHCs) in multiple locations under**  
**JOHAR Project**

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Jharkhand State Livelihood Promotion Society invites “Expression of Interest” from the eligible registered consultancy agencies to submit their interest for providing consulting services for “**Scaling up the Technology-enabled Custom Hiring Centres (CHCs) in multiple locations**” under JOHAR Project in Jharkhand.

Interested agencies may submit their "Expression of Interest" in a sealed envelope clearly superscripted as “**Expression of Interest for Scaling up the Technology-enabled Custom Hiring Centres (CHCs) under JOHAR Project**” latest by **15.30 hours on 06<sup>th</sup> October’2021**. Interested agencies may obtain further information and procedures for submitting “Expression of Interest” by downloading the REOI document from *Procurement* → *Services* section of the official website of JSLPS i.e. **www.jslps.org**.

Sd/-  
**Chief Executive Officer**  
**JSLPS**

**Govt. of Jharkhand**  
**Rural Development Department**  
**Jharkhand State Livelihood Promotion Society**  
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**REQUEST FOR EXPRESSION OF INTEREST (REOI)**

**(CONSULTING SERVICES – AGENCY SELECTION)**

**Assignment Title: - Consultancy Services for Providing Technical Support in Scaling up the Technology-enabled Custom Hiring Centres (CHCs) in multiple locations under JOHAR Project**

The project titled **Jharkhand Opportunities for Harnessing Rural Growth (JOHAR)** being implemented by Jharkhand State Livelihood Promotion Society under the aegis of Rural Development Department, Government. of Jharkhand with financing from the World Bank towards the project implementation cost and intends to apply part of the proceeds for hiring of an agency to provide consulting services.

The consulting services (“the Services”) include hiring of an agency for undertaking the **Consultancy Services for Providing Technical Support in Scaling up the Technology-enabled Custom Hiring Centres (CHCs) in multiple locations under JOHAR Project** for a period of 18 months subject to extension of further period based on the requirement of JSLPS and performance of TSA. The details activities are mentioned in the draft Terms of Reference (*Annexure – B*).

Jharkhand State Livelihood Promotion Society (JSLPS), now invites eligible consulting agencies to indicate their interest for providing the services. Interested agencies should provide information demonstrating that they have the required qualifications and relevant experience to perform the services.

The short-listing criteria are as follows.

- a) The agency should have an independent legal existence, registered under the applicable Act. [Submit proof of Registration Certificate, Articles and Memorandum of Association].
- b) The agency should have minimum 3 (three) years of experience in the relevant field of developing systems which ensure efficient operations of the Custom Hiring Centres.
- c) The agency should have an average annual turnover of Rs. Two Crore Thirty Lakhs or more during last three financial years and preferably have a positive net worth. Out of the total turnover, at least Rs. 1.15 crore should be from similar assignment. [Relevant documents viz, audited financial statements and a certificate from Chartered Accountant in support of satisfying the criteria should be submitted].

- d) The agency should have prior experience and have successfully completed at least 2 similar assignments, in the last 5 years, in sectors specific to that of the proposed assignment. Experience in Government sector especially related to livelihoods sector projects and having a working experience in Jharkhand shall be preferred. [Submit proof of Successful Completion].
- e) The agency should have a well-qualified and sufficiently experienced team, in house, or should be in a position to commit about their own network/association.

Interested agencies may submit their application expressing interest in the prescribed Performa annexed herewith [Annexure – A & Annexure – A(1)] in sealed envelope with each page of the application signed by an authorised signatory, including the pages comprising the annexure.

The attention of interested agencies is drawn to paragraph 1.9 of the World Bank's *Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers* (January 2011 revised July 2014) ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest. In addition, please refer to the following specific information on conflict of interest related to this assignment: conflict between consulting activities and procurement of goods, works or non-consulting services; conflict among consulting assignments; and relationship with Borrower's staff.

The Consultants may associate with other agencies in the form of a joint venture or a sub consultancy to enhance their qualifications. The submission should clearly indicate the type of association whether a joint venture (JV) or sub consultancy.

A Consultant will be selected in accordance with the Quality & Cost Based Selection (QCBS) method set out in the Consultant Guidelines.

Expressions of interest (in prescribed format) must be delivered in a written form only to the address below by person or through postal/courier services latest by **15.30 hours of 06<sup>th</sup> October'2021** by super-scribing/marketing the envelope as **"Expression of Interest for Scaling up the Technology-enabled Custom Hiring Centres (CHCs) under JOHAR Project"** at the following address. Please note that EOIs shall be accepted by the aforesaid methods only within the stipulated period of submission.

**Address:**

The Chief Executive Officer,  
Jharkhand State Livelihoods Promotion Society  
2nd Floor, JSAMB Building, Itki Road,  
Hehal, Ranchi - 834005, Jharkhand  
Phone No. 0651-2951915/2951916  
Email – joharjharkhandproc@gmail.com

Sd/-  
**Chief Executive Officer**  
**JSLPS**

## Annexure-A

**Attachment 1: Format for Submission of Information to JSLPS, Ranchi to provide consultancy services for Providing Technical Support in Scaling up the Technology-enabled Custom Hiring Centres (CHCs) in multiple locations under JOHAR Project.**

### Submission Requirements

<b>A – Consultant Company’s Profile [Maximum 2 Pages]</b>																									
1.	Organizational	<i>Provide a brief description of the background and organization of your firm/entity. The brief description should include:</i> <ul style="list-style-type: none"> <li>• Ownership details</li> <li>• Date and place of incorporation of the firm,</li> <li>• Objectives of the firm,</li> <li>• Availability of appropriate skills among staff.</li> </ul>																							
2.	Financial: (Minimum average annual turnover of Rs. Two Crore Thirty Lakhs during the last three financial years required.	<i>Provide the turnover on the basis of the audited accounts of the previous three financial years in Indian Rupees.</i> <table border="1" style="width: 100%; text-align: center;"> <tr> <th style="width: 33%;">2017-18</th> <th style="width: 33%;">2018-19</th> <th style="width: 33%;">2019-20</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>				2017-18	2018-19	2019-20																	
2017-18	2018-19	2019-20																							
<b>B – Consultant Agency’s Experience [Maximum 15-20 pages]</b>																									
1.	Experience of working on government, externally aided, or livelihoods sector projects in India. <b>At least 3 years of experience required.</b> <b><i>Please provide details of up to 10 such assignments (you may add more rows).</i></b> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th style="width: 20%;">Name of Project</th> <th style="width: 25%;">Services provided</th> <th style="width: 20%;">Client and Country</th> <th style="width: 20%;">Duration of Assignment</th> <th style="width: 15%;">Value of Contract (Rs)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					Name of Project	Services provided	Client and Country	Duration of Assignment	Value of Contract (Rs)															
Name of Project	Services provided	Client and Country	Duration of Assignment	Value of Contract (Rs)																					
2.	Experience in providing consulting services in the relevant field (Minimum 2 similar nature of assignment:																								
	Name of the Client (GoI/Externally Aided Project)	Nature of the assignment	Location and coverage (entire state, country, etc.)	Duration of Assignment (In month)	Value of Contract (Rs. Lakh)																				
Please enclose copy of the contract as evidence																									

3.	<p>Two Experts to be proposed with experience Development Sector or Externally Aided Project in the areas of Agriculture or similar nature of works at-least for a period of 3 years. Both experts proposed should have experience in government, externally aided, or livelihoods sector projects and specifically with leading similar nature of assignment in accordance with the draft TOR at-least for a period of 3 years. Detailed CVs are not required at REOI stage, it should be submitted if the agency qualifies for RFP stage.</p> <p>Among other information, the brief CVs should include the following information in the following format:</p>			
	Name of the proposed Expert			
	Designation			
	Experience of 3 years in Development Sectors or any externally aided projects			
	Name of Project	Experience in Developing systems which ensure efficient operations of the Custom Hiring Centres etc.	Client and State	Duration of Assignments (In month)

If the Consultant has formed a consortium, all the above details of each member of the consortium and the name of the lead partner, shall be provided.

**Annexure – A(1)**

**Declaration**

Date: \_\_/\_\_/\_\_\_\_

**To whom so ever it may be concern**

I/We hereby solemnly take oath that I/We am/are authorized signatory in the firms/ Agency/ Institute/ Company and hereby declare that "Our firms/ Agency/ Institute/ Company do not face any sanction or any pending disciplinary action from any authority against our firms/ Agency/ Institute/ Company or partners." Further, it is also certified that our firm has not been blacklisted/debarred by any government or any other donor/partner organization in past.

In case of any further changes which effect of this declaration at a later date; we would inform the JSLPS accordingly.

Authorized Signatory  
(with seal)

## **ANNEXURE – B**

### **Draft TOR for hiring of Technical Support Agency (TSA) for “Scaling up the Technology-enabled Custom Hiring Centres (CHCs) in multiple locations under JOHAR Project”**

#### **1. BACKGROUND**

Jharkhand Opportunities for Harnessing Rural Growth Project (JOHAR) is a World Bank assisted project being implemented since September 4, 2017 for a period of six years by the Jharkhand State Livelihood Promotion Society (JSLPS), an autonomous society under the aegis of Department of Rural Development, Government of Jharkhand.

The JOHAR project aims to enhance agricultural incomes of rural producers through increased productivity, improved market linkages and value addition; supported by strengthening extension services and improving access to credit. The emphasis will be on economic integration and enhancing rural livelihood opportunities of the most disadvantaged groups including women. The project will support climate-resilient agriculture, access to agricultural markets, water and natural resources management. It will also support enhancement of rural livelihood opportunities through encouraging diversification, lowering production costs, strengthening market linkages, skill development and self-employment. About 2 lakhs households in rural Jharkhand are targeted to benefit from the project over six years. The sources of investment include project support, state program convergence, partnership with the private sector and community contribution.

Project interventions is focused on the sub-sectors of High Value Agriculture, livestock (small ruminants), NTFP, fisheries and irrigation. Although the project works across these five sub-sectors, the typology of the interventions reaching each geographic cluster (15 villages in a block) of households is limited to pre-determined primary and secondary sub-sectors.

The project is being implemented in 68 blocks within 17 districts of the state. The primary project beneficiaries are the rural households, the majority of whom are women SHG members, including from SC, ST, and smallholder and landless households in selected blocks of rural Jharkhand. The beneficiary households are largely from the SHG households supported by NRLM and are selected for inclusion in the project through a participatory, community-driven process that employs well-defined criteria including their actual/potential ability to generate marketable surplus production.

The sub-sector-wise outreach is 150,000 households for High Value Agriculture and Irrigation, 50992 households for livestock, 34,500 households for fishery and 58,400 households for NTFP interventions. However, there is an overlap of beneficiaries since each household benefits from interventions of at least two sub sectorsthat have potential to add economic value to the households. Therefore, effectively the target number of households is little over 200,000. A significant part of these beneficiaries is in LWE areas.

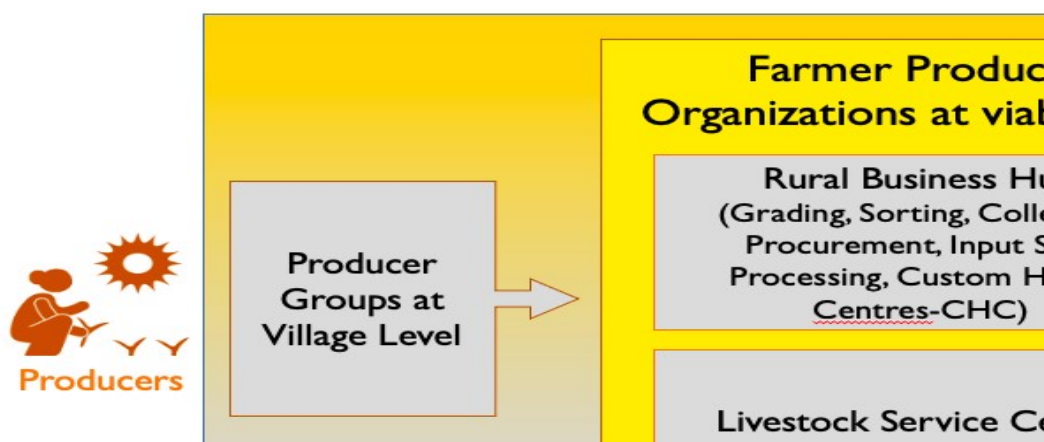
The initial focus of the project is to initiate activities of the sub sectors with members of mature SHG's who are willing to become the members of the PG's. Thus, all such blocks where mature SHG's exist are targeted. The project has a focus on enrolling all the households in the blocks to join the intervention (please refer to the PAD of JOHAR project for more information on the project).

## 2. THE INSTITUTIONAL MODEL IN JOHAR

JOHAR focuses on key commodities has potential of high growth and providing high returns to the producers. The key commodities in the project are as follows:

S. N.	Sub-Sectors	Commodities
1	High Value Crops	Banana, Papaya, Cauliflower, Chilly, Cabbage, Tomato, French Beans, Okra, Cucurbit
2	Fishery	Inland Fisheries, Cage Culture, Pen Culture
3	Livestock	Goat, Backyard Poultry, Pig, Broiler, Layer
4	NTFP	Lac, Tamarind, Chironjee, Honey, Moringa, Lemon Grass, Tulsi, Jackfruit

All these commodities are presently under cultivation and being sold in individual capacities resulting in poor returns. Lack of negotiation power and poor access to bigger markets further adds to the problem. In this context, it becomes important to design an institutional framework through which market-based interventions will be implemented. To make the produce reach the best market and in the most cost-effective way, the following institution model is being proposed:



Under this model, the Producer Groups (PGs) at the village level undertakes functions such as aggregation, procurement, primary sorting & grading etc at the village level. The aggregated produce feeds into the Rural Business Hubs (RBH) i.e. a business unit of the FPC is established at the appropriate level based on economic viability. The RBH acts as a service centre for the functions like aggregation, sorting, grading, processing of the produce procured from the PGs. It also helps with sale of inputs to farmers along with the management of the Custom Hiring Centers (CHC) for lending the small farm machineries on rental basis. The FPOs are supposed to build the market linkage for the final produce available at RBH. The FPO based on Livestock are of a nature which requires efficient and effective service delivery at the doorstep to reduce livestock mortality and assure good returns. However, capacities of the FPCs at block level are not sufficient at the initial phase to explore and maintain such linkages. To ensure such linkages and leverage the huge volumes of various FPCs, the FPO Incubation & Support Cell (FISC) at the state level creates linkages with institutional buyers and develop marketing strategies for the brands to be promoted by the FPOs. It also explores and mobilize credits and finances for the FPO business. The FISC has a team of multidisciplinary professionals from the field of Public-Private Partnerships, Institution Building, Value Chain & Enterprise Development, Agri-business and Agri-Finance.



### **3. NEED FOR SCALE-UP PHASE**

Jharkhand State Livelihoods Promotion Society (JSLPS) has come up with the intervention of custom hiring centre (CHC) “Developing the Operating Procedure and Piloting the Custom Hiring Centres (CHCs) in multiple locations” under JOHAR Project with an objective of increasing farm mechanization/implementation usage among small and marginal farmers. Custom Hiring Centre (CHC) Model under JOHAR focuses upon increasing the utilization of existing machinery for achieving the objective of increased level of farm mechanization.

JSLPS has already been rolled out CHC operation in pilot locations along with associated training & capacity building activities & convergence activities. This model has helped in facilitating availability of conventional implements as well introduction of new implements and provided a new business model for JOHAR FPCs. A strong foundation has been laid during for taking the overall intervention to next level.

To scale-up this model at larger scale along with facilitating related convergence activities and forging new partnership, it would be important to continue the handholding & technical support for at least 18 Month. It is also important for increasing the outreach of the intervention to extend the benefits to large number of farmers associated with the institutions created under JOHAR. Special emphasis will be given on strengthening the governance structure through training and capacity building of FPCs. During this scale-up phase, new and advanced implement will be introduced in the field to take the overall farm mechanization to higher level. This scale-up phase will also be helpful in strengthening of overall CHC model and its long-term sustainability & overall impact on community, as for considerable period covid related constraint has impacted the project in direct & indirect manner.

During this scale-up phase the TSA will facilitate scale up of ongoing activities, support on some newer intervention such as library model, private sector partnership for newer technology and support in effective dissemination of successful case studies and impact stories. The details of these activities proposed to be undertaken by TSA during scale-up period is captured below:

#### **A. Continuation of ongoing activities at larger scale: TSA will help in scale-up of ongoing activities. This includes following activities:**

- a) Further expansion of ongoing CHC model and related awareness creation activity
- b) Facilitatory support for increased adoption and Introduction of new implements
- c) Building up on existing partnership with private players for introduction of new technology and capacity building
- d) Continued support in leveraging Govt. schemes and other related convergence activities
- e) Training and Capacity Building activities
- f) Strengthening the governance structure through training and capacity building of FPCs for managing the operational aspects of the intervention.

#### **B. Facilitating new areas of intervention:**

- a) Facilitating establishing Library Model and its outreach: This will include activities such as SoP preparation for Library model establishment and operation, Training need assessment & updation/preparation of training module suitable for cadres and FPC staff.
- b) Facilitating partnership with private sector & start-ups for new interventions: TSA would coordinate with private sector for few demonstrations involving use of new technology and integrated FaaS (Farming as a service). TSA would also explore the possibility of support from private sector in running CHC centres. Collaboration with farm implement manufacturer will be explored for the demonstration of implement at RBH and community institution level. New and advanced implements will be introduced in the field through convergence with private sector players. Along with

this, proposition for leasing out some advanced level implements to entrepreneurs can also be explored with these players.

- c) Designing of training programme for CHC operators and their certification training with JAMTTC for increasing the technical knowhow. TSA would support in identification of farm implements and their demonstration for the climate resilient agriculture activity. This can be very useful for increasing the cropping during rabi season in area having low irrigation facility.
- d) Facilitating enhanced dissemination of success stories/impact stories: TSA would also help in preparing some case studies for successful CHC operation and impact stories for further dissemination.
- e) FPC staff- entrepreneurship engagement programs: As both FPC and entrepreneurs are critical for CHC model, TA would also facilitate in undertaking suitable FPC- entrepreneur engagement programs for better trust building and optimal uptake and expansion.

### **3. OBJECTIVES OF THE ASSIGNMENT**

The overall objective of this consultancy is to develop systems, process and resources which would ensure efficient operations of the Custom Hiring Centres making it an appropriate solution for the rural producer in order to deal with issues of labor scarcity and reducing the cost of operations including drudgery reduction. It will be done through building on the work done during first phase of intervention with an objective of achieving the significant increase in the scale of operation. It also aims at creating an ecosystem for government and private sector players for meaningful engagements with the CHCs of JOHAR through the Farmers Producer Companies promoted in the project.

### **4. AREA COVERAGE & DURATION:**

The proposed assignment will cover 1,50,000 nos. farmers in 39 selected Blocks of 13 Districts as per as per the Annexure 1 to this TOR. The total duration of the assignment shall be of 18 months. However, on basis the requirement of JSLPS and performance of the TSA, duration of the contract may be extended further.

### **5. KEY ACTIVITIES:**

The outcome of the proposed assignment would be that all the HVA project households are having access to the supports of farm mechanization through the sustainable Custom Hiring Centres (CHC) as per their requirement. The following key activities need to be delivered for the successful achievement of above objectives:

- a) To facilitate the roll out of the library-based model through preparing action plan on preparatory activities and operational planning. Training modules will be developed for various stakeholders covering subject like preventive maintenance, SOP, running of centres. It will also include Development of IEC material in Video and Audio for order booking process, order execution process through app and call centre.
- b) To demonstrate the crop specific advanced implements with their utility for farmers in terms of lower input cost, time saving and increasing productivity. It will be done through convergence with private sector partners.
- c) To undertake the convergence activities with government department for r buying of new farm implements. It will help in strengthening library-based model through increasing the availability of various implements, which FPCs will be able to purchase through availing subsidy.
- d) Engagement programme for entrepreneurs and FPC staff, CHC operators at block level to increase the overall outreach and scale of the intervention. It will help in understanding the field level issues and get insights.

- e) Developing the case studies showcasing impact of CHC model on community. It will also include showcasing successful introduction of new implements under CHC model and how CHC is playing a role in women empowerment.
- f) Facilitating the state level workshop on role of CHC in farm mechanisation and ways to strengthen the model for wider adoption involving participation from Govt department, related institutes and private players- detailed activity report. It will help in alignment of overall objectives with all the stakeholders.
- g) Ensuring scale-up of CHC model in terms of order generation and service delivery by at least 50% from the Kharif of 2020 through ensuring increases outreach and scale. It will also include data capturing in the App and sharing it in the form of seasonal reports to JOHAR.
- h) To develop a framework with FPC staffs are managing the CHC operations with supportive supervision. It will help in ensuring strengthening of governance structure.
- i) To facilitate the CHC Operator training through JAMTTC/University/Institute on farm implements, their usage, library model and business planning. CHC operator will play a pivotal role in the overall ground level implementation through coordination with all the stakeholders.
- j) Facilitating the partnership with private players for CHC operation with defined role for each player. Partnership with one FAAS (Farming as a Service) player will also be facilitated for innovative solutions (pay per use) with CHC acting as facilitating agent on revenue sharing model.

### **3. DATA SERVICES AND FACILITIES TO BE PROVIDED BY JOHAR/JSLPS**

- a) The tentative list of locations for pilot block and district-wise.
- b) The list of commodities as per the decision taken based on the market assessment reports and the existing cropping pattern by Producer Groups and Farmers Producer Companies, block and district-wise. Some commodities/forms of commodities can also be suggested by the TSA based on the market demand where Jharkhand can have a competitive advantage.
- c) The training cost for PG leaders, Marketing Cadre, FPO directors, CEO etc will be borne by the JOHAR except the cost of Resource Person and his / her travel and logistic expenses.
- d) JOHAR will facilitate the TSA to work with JSLPS MIS team who will develop the applications as suggested in the assignment.
- e) All campaigning/education materials in effective forms will be prepared by the TSA hired for this purpose and reproduced by JOHAR. The training material will be developed and prepared by the TSA in consultation with the JOHAR team and the TSA for the abovementioned assignment, however the printing of the material will be the responsibility of JOHAR.
- f) JOHAR will provide the access of MIS to the TSA for better analysis of the data related to business at the RBH/LSC and FPO level and for convergence with other components of JOHAR.
- g) JOHAR will provide space in its existing DMMUs/SMMUs for the TSA professionals placed in the regions and state. JOHAR will facilitate the TSA the inter-domain coordination within JOHAR for cross cutting objectives and the effective completion of the assignment. The FPO Support & Incubation Cell of the JOHAR will facilitate the coordination between the TSA and relevant domains assist would be imperative to understand the planning of the respective domains.

## 6. EXPECTED TEAM COMPOSITION, HR REQUIREMENTS AND SKILL REQUIREMENTS OF TSA

The nature of assignments demands very specialized inputs in order to achieve the objectives of the assignment. Hence, the following would be the desired HR composition and requirements for the assignment:

Levels	Composition	Skills Set	Time Input
State Level (Team Leader)	1 Professional with management background	At least 10 years' experience in marketing of similar services; facilitation of partnerships; Sound knowledge on rural customer preferences, habits, issues to ensure best service delivery through the CHC. Knowledge on various implements as per the cropping pattern, soil type, customer preference etc. Knowledge on existing market systems and regulations, relationship management, some knowledge of logistics related to marketing, knowledge of market risks etc. Experience of developing marketing strategies for similar services, business planning, training to community institutions etc. Having good knowledge about FPOs, market dynamics on the given sub-sectors, technology based solutions. Rich experience in handling large-scale projects.	18 person months
Enterprise-Development Expert-Deputy Team Leader	1 Professional from agribusiness background	At least 10 years' experience in supporting the enterprises and collectives through agri value chain. Sound knowledge on various CHC model and understanding about potential for developing enterprises related to fam mechanization. Experience in training and capacity building of community level institutions. Some leading experience of developing marketing strategies for commodities, market development work.	18 person months
Zonal level (2 zones) Zonal Coordinators)	1 Professional each with management background	At least 5 years' experience in managing similar services; Knowledge on various implements as per the cropping pattern, soil type, customer preference etc. Knowledge on existing market systems and regulations, relationship management, some knowledge of logistics related to marketing, knowledge of market risks etc. Experience of developing marketing strategies for similar services, business planning, training to community institutions etc. Having good knowledge about market dynamics on the given sub-sectors, technology based solutions.	36 person months

**Non-Key Experts:**

Sl. NO.	Key Qualifications and Experiences	Job Description	Duration
1	Professional with management, agriculture or rural development background (13)	<ul style="list-style-type: none"> <li>a) For developing the training materials in the form of IEC (Audio-Visual/animation).</li> <li>b) Seasoned trainer with effective delivery skills for developing the pool of master trainers on the relevant subjects.</li> <li>c) Market players / veterans for providing insights on the relevant market and suggesting strategies for the marketing of CHC.</li> <li>d) Helping JOHAR in forging partnership with private players and facilitating convergence with central and state government scheme</li> <li>e) For developing case studies for wider dissemination and documenting the learnings and success stories</li> </ul>	234 person-months

**7. SCHEDULE OF DELIVERABLES**

Deliverables			
Sl. No.	Deliverables	Timelines	Payment Schedule (%)
1	(a) Action plan on preparatory activities and planning for operational roll out of Library model	Within 3 Months	15%
	(b) Development of training module for Cadre, Operator and FPC staff for expansion phase covering subject like preventive maintenance, SOP, running of centres		
	(c) Development of IEC material in Video and Audio form for order booking process, order execution process through app and call centre.		
2	(a) Status report on convergence activities with govt scheme for buying of new farm implements for library model	Within 6 months	20%
	(b) Development of 2 case studies showcasing impact of CHC model on community		
	(c) Training covered for 50% of HVA Block with at least 50% of the relevant cadres (SAKM, PIEs, TSPs) trained through physical or virtual mode as per the situation.		
	(d) Report on engagement program for entrepreneurs and FPC staff, CHC operators at block level		
3	(a) Demonstration of crop specific 4 advanced implements with their utility for farmers in terms of lower input cost, time saving and increasing productivity	Within 9 month	15%
	(b) Training Covered for 75% of HVA Block with at least 50% of the relevant cadres trained.		

Deliverables			
Sl. No.	Deliverables	Timelines	Payment Schedule (%)
	(c) Facilitating one State level workshop on role of CHC in farm mechanisation and ways to strengthen the model for wider adoption involving participation from Govt department, related institutes and private players- detailed activity report		
4	(a)Facilitation of Library model and its operational roll out with complete systems in place and at least 30% of capacity utilization	Within 12 Months	15%
	(b) Development of 2 case studies showcasing successful introduction of new implements under CHC model		
	(c) Training covered for 100% of HVA Block with at least 50% of the relevant cadres trained.		
5	(a) Ensuring scale-up of CHC model in terms of order generation and service delivery by reaching to at least 20000 households.	Within 15 Months	15%
	(b)Facilitating 2 Partnership with private players for CHC operation with defined role for each player		
	(c)Ensuring all data captured in the App and shared in the form of seasonal reports to JOHAR		
	(d)Development of 2 case study on for women empowerment w.r.t. to CHC model		
	(e) Facilitating CHC Operator training through JAMTTC/University/Institute on farm implements, their usage, library model and business planning		
6	(a) Ensuring scale-up of CHC model in terms of order generation and service delivery by at least 50% from the Rabi of 2020-21.	Within 18 Months	20%
	(b) Developed a system with FPC staffs are managing the CHC operations with supportive supervision.		
	(c) Partnership with one FAAS (Farming as a Service) player for innovative solutions (pay per use) with CHC acting as facilitating agent on revenue sharing model		
	(d) Demonstration of FPC-managed CHCs running with minimum handholding in all districts through effective handholding and monitoring systems. Detailed to be captured as part of final report		
	(e) Final report covering all activities, outcomes, dissemination plan and way forward		

## 8. REPORTING REQUIREMENTS

- i. Monthly Report (by 1<sup>st</sup> week of each month): One hard copy & One soft copy (MS Word, data in MS Excel)
- ii. Quarterly Report (within one week of quarter end) : One hard copy & One soft copy (MS Word, data in MS Excel)
- iii. Final Report (within 15 days of year-end): One hard copies & one soft copy (MS Word, data in MS Excel & PDF file in CD), Soft Copy of the Training Module and Materials developed).

All the reports above should cover physical progress as per the T.o.R and milestones should also include the process adopted to achieve the progress, resources used, knowledge resources including the case studies, training materials etc. The report should

also include the reports for the training, exposure and events conducted in the period. It should also highlight the key learning, challenges, measures taken to overcome, anticipated risk and mitigation measures for the forthcoming seasons, support required from JSLPS.

**9. MONITORING AND REPORTING ARRANGEMENTS**

The assignment will be monitored by a review committee constituted by JOHAR comprising the Project Director along with representatives of the FISC on need basis. The TSA will report to the State Project Coordinator - Agribusiness & Marketing of JOHAR for day-to-day operations and for monthly review. The SPC- Agribusiness & Marketing will also be responsible to oversee the progress against deliverables.

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<b>Blocks for CHC establishment</b>					
<b>Sl. No.</b>	<b>District</b>	<b>Block</b>	<b>Sl. No.</b>	<b>District</b>	<b>Block</b>
1	Bokaro	Chandankyari	20	Khunti	Khunti
2	Bokaro	Jaridih	21	Khunti	Murhu
3	Bokaro	Petarwar	22	Khunti	Karra
4	Dhanbad	Tundi	23	Lohardaga	Kuru
5	Dhanbad	Purbi Tundi	24	Lohardaga	Bhandra
6	E. Singhbhum	Dhalbhumgarh	25	Ramgarh	Mandu
7	E. Singhbhum	Ghatsila	26	Ramgarh	Pataratu
8	E. Singhbhum	Potka	27	Ramgarh	Gola
9	E. Singhbhum	Patamada	28	Ranchi	Mandar
10	E. Singhbhum	Gudabandha	29	Ranchi	Chanho
11	Giridih	Pirtand	30	Ranchi	Angara
12	Gumla	Basia	31	Ranchi	Bero
13	Gumla	Gumla	32	Ranchi	Kanke
14	Gumla	Palkot	33	Saraikela Kharsawan	Ichagarh
15	Gumla	Raidih	34	Saraikela Kharsawan	Nimdih
16	Gumla	Sisai	35	Saraikela Kharsawan	Chandil
17	Hazaribagh	Churchu	36	Saraikela Kharsawan	Kukru
18	West Singhbhum	Hat Gamharia	37	Simdega	Kurdeg
19	West Singhbhum	Manjhgaon	38	Simdega	Kersai
			39	Simdega	Simdega