



CENTRAL SILK BOARD
MINISTRY OF TEXTILES
CSB COMPLEX
BTM LAYOUT
BANGALORE 560068

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TENDER REF. NO.: NO.CSB/CS/2022/SILKSAMAGRA-MIS

TENDER for Development of web application and Mobile App
“SILK SAMAGRA-2 MIS”

NOTICE INVITING TENDER

Sub : Development of web application and Mobile App for “**SILK SAMAGRA-2 MIS**”

Central Silk Board (CSB), Ministry of Textiles, Government of India intends to invite bids / quotes for Development of web application and Mobile App for “SILK SAMARGA-2 MIS.

Tender documents may be downloaded from CSB website <https://csb.gov.in> and CPPP portal <https://eprocure.gov.in/eprocure/app> as per the schedule as given below

CRITICAL DATE SHEET

Date of Publishing on CPP Portal	26/04/2022	14:00 Hrs
Document Download Start Date	27/04/2022	15:00 Hrs
Document Download End Date	16/05/2022	17:00 Hrs
Pre-bid conference	02/05/2022	11:30 Hrs
Bid Submission Start Date	02/05/2022	17:00 Hrs
Last Date & Time for Uploading of Online Tender	16/05/2022	17:00 Hrs
Date & Time for Opening of Technical Bids	17/05/2022	12:00 Hrs

Both Technical and Financial Bids shall be submitted online only through CPPP website: <https://eprocure.gov.in/eprocure/app>. **Physical submission of bids will not be entertained**

Bidders are advised to follow the instructions provided for the submission of the bids online through the Central Public Procurement Portal.

DIRECTOR

TENDER NOTICE

Sub : Development of web application and Mobile App for **“SILK SAMAGRA-2 MIS”**

The Central Silk Board (CSB) is a Statutory Body, established during 1948, by an Act of Parliament (Act No.LXI of 1948). The core activities of Central Silk Board are Research and Development, maintenance of four tier silkworm seed production network, leadership role in commercial silkworm seed production, standardizing and instilling quality parameters in various production processes and advising the Government on all matters concerning sericulture and silk industry. These activities are carried out by network of units spread across the country, through the Central Sector Scheme viz **“Silk Samagra-2”** an integrated scheme for development of silk industry. The Silk Samagra-2 scheme consists of various components and sub-components under Mulberry, Vanya and Post Cocoon Sectors. Silk Samagra-2 covers three major areas viz., Mulberry, Vanya (Non-Mulberry) and Post-cocoon sectors. The programme synergises the efforts of State Governments and other implementing agencies to improve the quality, productivity and production of raw silk, besides generating employment opportunities, particularly in the rural areas.

The Silk Samagra-2 scheme comprises of two major activities as under:

1. Core activities of Central Silk Board with four Sub Components as under:

- a) R&D, Training, Transfer of Technology and I.T. initiatives.
- b) Seed Organization.
- c) Coordination and Market Development.
- d) Quality Certification Systems, Export & Brand Promotion

2. Beneficiary oriented Critical Field level intervention comprising three sub-components as under:

- a) Critical Field Level Interventions other than North Eastern Region.
- b) Implementation of Sericulture Projects in North Eastern Region
- c) Provisions to meet expenditure of ongoing sericulture projects of NERTPS

While the Core activities of Central Silk Board with four Sub Components are implemented through a network of CSB units in the areas of R&D, seed production, project implementation & monitoring and brand promotion of silk in Indian and outside markets, the beneficiary oriented components shall be implemented by the state sericulture departments / other state departments with the fund support from Central Silk Board under Silk Samagra-2 scheme.

SCOPE OF WORK

Web application and Android Mobile App to be designed and developed for reviewing Silk Samagra 2 should contain two major components (1) Core activities of Central Silk Board and (2) Beneficiary oriented.

Under **Core activities of Central Silk Board**, the following components to be developed

1. **Registration** – Registration of Officials for uploading the data
2. **Collection of data** – Collection of Data and feeding of data on core activities of CSB as per the target under the scheme **Annexure-I**, which includes four major components like R&D, Training, Transfer of Technology and I.T. initiatives, Seed Organization, Coordination and Market Development and Quality Certification Systems, Export & Brand Promotion on monthly, quarterly and yearly basis
3. **Processing of data** – Collected data on core activities of CSB to be processed and reporting the same to Output Outcome Framework (OOFW)
4. **Storage of Core activities data** - collected information and processed data to be stored for future use.

Under **Beneficiary oriented component**, Management Information System (MIS) and Mobile App developed should be able to have the components as per the target under the scheme. Project Approval and Fund Flow Mechanism as shown in **Annexure-I**

1. **Registration of individuals** – Registration of CSB Officials, State officials and beneficiaries under Web application
2. **Collection of Data** – Capturing contextual data, or operational information that will contribute in decision making from various internal and external sources of organization. The required data (as per the approved MIS details) to be uploaded to web page by the beneficiaries, State Officials and CSB Officials with login credentials along with GPS enabled photograph uploading system. Captured data to be checked initially at CO level and corrected for its typographic mismatches/ mistakes.
3. **Processing of Data** – the captured data is processed into information needed for planning, organizing, co-ordinating, directing and controlling functionalities at strategic, tactical and operational level.
4. **Storage of collected and processed Data** – collected information and processed data to be stored for future use, able to retrieve collected information as and when required by the officials.
5. **Interpretation of Data and Dashboard** – for internal use the collected data to be processed for various parameters and external use i.e. Dashboard for scheme details viz., no. of beneficiaries etc.

FEATURES REQUIRED IN WEB APPLICATION & MOBILE APP

- Web application should support desktop and mobile version and along with Mobile based App (Android) version for uploading and downloading the updated information on all components of the schemes as and when required. It will be a one-stop monitoring solution for reviewing the progress of the different schemes/projects of the different states.
- Full access of web application to designated Officials using their login credentials to connect from anywhere and from any device like Mobile phones, laptops, desktops.
- Project Approval and Fund Flow Mechanism under Silk Samagara-2 and details/events is at **Annexure-I & Annexure - II**
- Monitor Physical & Financial Progress of component, scheme projects (**Annexure – III**), beneficiary activity and demographic information, scheme/project performance, Geo-tagged data etc.
- UC Management: State Officials to upload Utilization Certificates (UC) through UC Dashboard of MIS
- Using Mobile based Apps CSB Officials, State officials should be able to use the apps and perform below activities like:
 - a. Data capturing and analytics
 - b. Geo Coordinates of various entities are to be captured in mobile app and further integration with GIS maps.
 - a. See different supports (like training, plantation etc) status provided by states through this apps.
 - b. Upload their demographic and financial information (like names, bank details, AADHAR No etc.) using this app.
 - c. Upload the image of different supports provided to MIS through this app.
 - d. Officials can monitor all beneficiary's activity, training, physical and financial progress of the schemes/projects.
 - e. In view of network connectivity issues in the remote areas of country, application should have facility for data capturing in offline mode and sync with servers whenever device gets internet connectivity.
- Integrated Artificial Intelligence Data Driven Service, Officials can monitor physical progress at ground level as well as financial progress of various schemes/projects very easily through one single dashboard. AI Data Driven Service to compare progress of different projects in single state or progress of single project in multiple states helping to take decisions for releasing funds to different states based on their project performance.
- Role and End to End Encryption with role-based security system to control access of any User in web and app-based MIS software.

- AI enabled smart reporting module: To provides solutions, one as virtualization another as smart reporting. Generate different types of reports like Physical, Financial Achievement of a Schemes/Project, Components support of all Beneficiaries, Training provided etc. All reports to be in tabular format and can be print in hard copy or export in various format like PDF, Excel or CSV.

GENERAL FEATURES

The web application shall be scalable with the extent of data to be managed and users that have access.

User Manual/ Handbook for operation and management of all modules, policies, procedures, configuration documents and other documents shall be kept updated and provided to Central Silk Board on a regular basis.

Deliverables management

The system shall be able to provide the Client with sufficient number of tools to following tasks:

- i. Create, configure and reconfigure workflows
- ii. Create and manage transmittal and submittal packages
- iii. Perform full tracking of flow of information
- iv. Perform real time reporting of flow of information
- v. Create and manage submittals, reviews and approvals
- vi. Customize predefined templates and create new ones
- vii. Support task management (e.g. create, assign, manage, track tasks)
- viii. Visual Workflows

Communications management

The System shall provide the users with ability to manage it's communications, contractual, work related and general, in an effective manner such that all stakeholders can be included in the process. The main activities that this module shall enable, but not limited to, are shown below:

- i. System interoperability with other email and communication systems (Mobile app, SMS etc.)
- ii. Provide targeted workflows, communications and notifications (e.g. selective, ruled-based notifications via e-mail)

Customized workflow process as defined by the users and ability to add/ modify the workflow during the Project.

- a. Upload documents
- b. View any document in any format
- c. Download documents to computer and handheld devices (e.g. cell phone)
- d. Upload and download batch of documents (including zip files)
- e. Export report data to Excel, CSV, Word and PDF
- f. Subject documents to version control, so that the latest version and shall have an audit trail of all users accessing and editing the document.

- g. Lock "check-in" and "check-out" documents to prevent users from working on different variants of the same information at the same instance Automatic assignment of unique reference numbers to all documents entered into the system
- h. Produce custom reports based on metadata entered with each document.
- i. Generate statistical reports based on historic data.
- j. Provide a search functionality so that the users are able to search through any field, metadata or workflow process
- k. Search by multiple criteria at the same time
- l. Search within a search result

Reporting and monitoring

This module shall enable the users to generate and produce statistical and management reports for all the modules and the data mentioned in this Terms of Reference with different levels of access as per Client defined user profiles. This shall also include a report generator with custom fields and formats that can be developed/ generated by the Client/ Users.

The main functions required, but not limited to, under this module are shown below:

- a. Create out of the dashboard reports at project levels
- b. Customized out of the dashboard reports at component/project levels
- c. Create new report templates at project and portfolio levels
- d. Drill down dashboards at component/project levels
- e. Customized dashboards at project and component levels and drill down
- f. Create new dashboard templates at component/project levels and drill down
- g. Create real-time reviews to manage progress against milestones and baseline Plans
- h. Provide comparison of actual vs. planned progress with variance analysis, alerts and rule-based notifications

User functionality

This module shall allow the MIS Admin to create different User Profiles and allocate varying levels of roles and access to these based on requirement of the Project.

This module shall also include an online application form for the user to request additional access/ rights in the system. The main functions of this module are, but not limited to, as follows:

- a. Define different levels of users and define different system capabilities for each level of user
- b. Restrict access to certain modules to users

Performance and scalability

The tenderer shall provide information on the performance specifications of their proposed solutions as per the following points:

- a. The software shall be able to add-on users without limiting the total number of users
- b. The method of monitoring shall be provided by the Tenderer.

Data security

The tenderer shall provide information about the data security of their proposed systems as per the following points:

- a. Describe the backup and security processes
- b. Describe the authentication process, incl. front-end and back-end authentication
- c. Describe how users reset their passwords and what happens when the password expires
- d. Ability to provide a "walk away" access to all data stored at any time during the lifecycle of the project. Specify which transfer protocols would be used.
Describe Business Continuity and Disaster Recovery Plan for data backup.

Software Technology to develop MIS and Hosting

- a. Tenderer should use open-source solutions for hosting, front-end development, database, data cache etc. using Apache, MySQL, PHP, JS, Python etc.
- b. Tenderer should specify Cloud Provisioning required for Hosting the MIS. Details of provisioning viz. required open-source software, infrastructure, bandwidth, management of services deployment and hosting of the applications, including the underlying application / system software necessary to run the applications.
- c. Central Silk Board will make Cloud Provisioning based on the requirement stated above. Tenderer shall deploy and maintain the services on Cloud.

Development, Testing, Training and Production

The Selected Firm (SF) shall develop the software in accordance with the approved requirement specifications, design specifications, and according to the project plan and carry out the unit testing of the software in accordance with the approved test plans.

SF shall prepare the test cases and get them validated from the Purchaser. The test cases shall be comprehensive covering all scenarios according to specifications, requirements, and design.

The SF shall also prepare the required test data and get it validated by Purchaser. The test data shall be comprehensive and address all scenarios identified in the test cases.

User Acceptance Test (UAT)

SF will plan all aspects of UAT (including the preparation of test data and test environment) and obtain required assistance to ensure its success. The Purchaser will nominate representatives from different user groups based on inputs from the SF

and would facilitate UAT. The SF would make the necessary changes to the solution to ensure that it successfully passes through UAT.

Training and Capacity Building

The SF needs to provide training to the selected users of the stakeholder (50 to 75 users) and ensure that a proper hands-on training to the staff on the solution implemented be given. The users should be well conversant with the functionalities, features, and processes of the solution after the training. Training could be planned in multiple sessions / stages as per the need and requirement of the Project.

SF shall propose an approach that includes significant opportunity for knowledge transfer throughout implementation and enhanced system acceptance by the use and development of users for each functional area. The training should include delivery of training documentation and user manuals

Operation and Support:

Warranty Support of the Platform

After go-live of web portal, selected agency shall give warranty support for 6 months, during which following tasks to be considered but not limited to:

- Application Maintenance
- Infrastructure Management
- Backup Management
- Data Archival
- Patch Management
- Monitoring and Alerting
- Resource Planning
- User Training and Assistance

Major functional change request if any will be taken separately, and effort estimation of this work will be jointly decided

Transfer of Solution

Upon completion of the Term of the Project, the SF shall transfer the entire project to the Purchaser. The transition process should include:

- Complete Knowledge transfer
- Requirement specification documents
- Code Documentation
- Test Reports
- Development credentials
- Deployment procedures
- Maintenance reports
- On-Going Operations Manual
- DR Plan

- Credentials for Google Playstore
- And any other relevant documents pertaining to the solution
- The above document should be up to date – reflecting all the changes that were subsequently completed after go-live

Deliverables

- Fully functional Web application, Mobile app as per the requirements
- Credentials Google PlayStore
- Documentation:
 - User Interface Design
- Functional Requirement Specification (FRS),
- Software Requirement Specifications (SRS),
- System/ Software Design Document (SDD)
- Technical Design Report (TDR)
- Database Design Document
- User manual for administration and management
- And any other relevant documents
- Source code of the Web Application & Mobile App
- Training content on administration, operation & maintenance of the platform.
- Exit management plan

Reports:

- Unit Test reports
- System load test report
- User Acceptance Test report
- And any other relevant documents pertaining to the solution

Standard/ Guidelines

The web application, Integrated Web Platform and Mobile App shall comply to the following system features:

- Cross Browser Compatibility:
- Simplified UI/ UX Design as per international standards with user alerts
- Downloading reports in different formats (PDF, Excel, CSV etc.)
- Configurable (Process Flows, User Roles, User Interfaces, labels etc.)
- Periodic Server's hardware security audit or as and when there is any change
- Secure Sockets Layer (SSL) Certificate
- Scalable architecture
- Role based Access control & security
- Administrative controls and user management
- SMS and Email Integration
- Aadhaar Compliance
- Geographic Information System (GIS) Integration
- Filter based Reports
- Local Government Directory (LGD) codes for location directory
- Other Standard Master Directories

Development of web application and Mobile App for “SILK SAMAGRA-2 MIS”

TERMS AND CONDITIONS

1. TWO BID SYSTEM – TECHNICAL AND FINANCIAL – Interested parties should submit the ‘Technical Bid’ and ‘Financial Bid’ only through CPP portal (<https://eprocure.gov.in/eprocure/app>). **Physical submission of bids will not be entertained.** Further, all the details sought should also be submitted through CPP portal only.
2. The applicant should submit PAN copy, GST No., Bank details, IT returns and statutory Audit report for last 3 years.
3. The applicant should have developed web applications for any Government / PSU organization. Should submit the relevant website links, apps developed details.
4. The applicant should submit the list of clients, projects undertaken.
5. The Technical Bid should contain application form along with requisite documents
6. Financial Bid should contain the **Financial Bid Form.**
7. There will be a pre-bid conference for discussions on requirements pertaining to the project on **02/05/2022 at 11.30 A.M.**
8. RATES AND APPLICABLE TAXES: The vendors should clearly quote the rates and applicable rate of taxes in their quotation. In case no taxes are mentioned it will be presumed that the rates are inclusive of all taxes.
9. VALIDITY: The rates quoted should be valid for a minimum period of one year from the date of work order.
10. ESCALATION CHARGES: No escalation charges will be entertained once the quotation is accepted, and contract awarded.
11. Web application and Mobile App should be completed and Go Live within 26 weeks from the date of acceptance by the bidder.
12. LAST DATE FOR SUBMISSION OF QUOTATION: The last date for uploading of the competitive quotations through CPP portal is **16/05/2022 up to 17:00 HRS.**
13. OPENING OF THE QUOTATIONS: The quotations so received through CPP portal well within the stipulated time, shall be opened on **17/05/2022 at 12:00 HRS**
14. EVALUATION OF TECHNICAL BID AND OPENING OF FINANCIAL BID: Only the Technical bid will be opened on 17/05/2022 at 11.30 AM. After scrutiny of the Technical bids, eligible applicants may be called for presentations. Based on the performance in the presentation, the financial bids of the selected applicants will be opened. **The date of the opening of Financial bids will be intimated well in advance to the selected applicants.**
15. Member Secretary, Central Silk Board, Bangalore reserves the right to accept any of the quotation or reject all the quotations. The decision of the Member Secretary, Central Silk Board,, Bangalore will be final and no correspondence will be entertained in this regard.
16. The Bidders will have to provide Bid Security in the form of a Bank Guarantee for 3% of the total Development cost excluding Taxes, drawn on any Scheduled Bank of India, in favour of Member Secretary, Central Silk Board, Bangalore. The same will be refunded

after completion of the stipulated contract period (development + warranty) from the date of the work order.

17. PAYMENT: Payment will be as per Payment Schedule.
18. The maintenance charges will commence only after successful running of the applications for an initial period of 120 days. The maintenance charges will be paid on quarterly basis.
19. Successful bidder should be able to provide any service(s) during the contract period whenever there is a request from CSB pertaining to improvement of the web application, mobile app with any additional features, formats etc., without charging any additional cost.
20. The maintenance contract will be renewed on annual basis based on the performance and mutual consent.
21. ADDITIONAL INFORMATION, IF ANY: For any information, applicant may contact The Deputy Director(Computer), Central Silk Board, B.T.M. Layout, Madiwala, Bangalore-560068 (Phone: 080-26282509/2510), Email : cs.csb@nic.in.

Important dates to be noted by the bidders				
#	Description	Date	Time	Place/Venue*
1	Pre-bid conference	02/05/2022	At 11.30 A.M.	Central Silk Board, BTM Layout, Madiwala, Bangalore – 68
2	Last date of Submission of quotations.	16/05/2022	By 17.00 HRS	Through CPP portal (https://eprocure.gov.in/eprocure/app)
3	Opening date of Technical bids.	17/05/2022	At 12.00 HRS	
4	Opening date of Financial bids	Will be intimated through email.		

Development of web application and Mobile App for “SILK SAMAGRA-2 MIS”

Financial Bid Form

The applicant should submit the financial quote as per the tables I & II below.

Table I:

Cost for one time development work

#	Subject	Cost (Rs)	Tax (Rs)	Total (Rs)
1.	Development of web application “SILK SAMAGRA-2 MIS” as per the specification indicated above			
2.	Development of Android Mobile App			
	Total-Table I			

Table II:

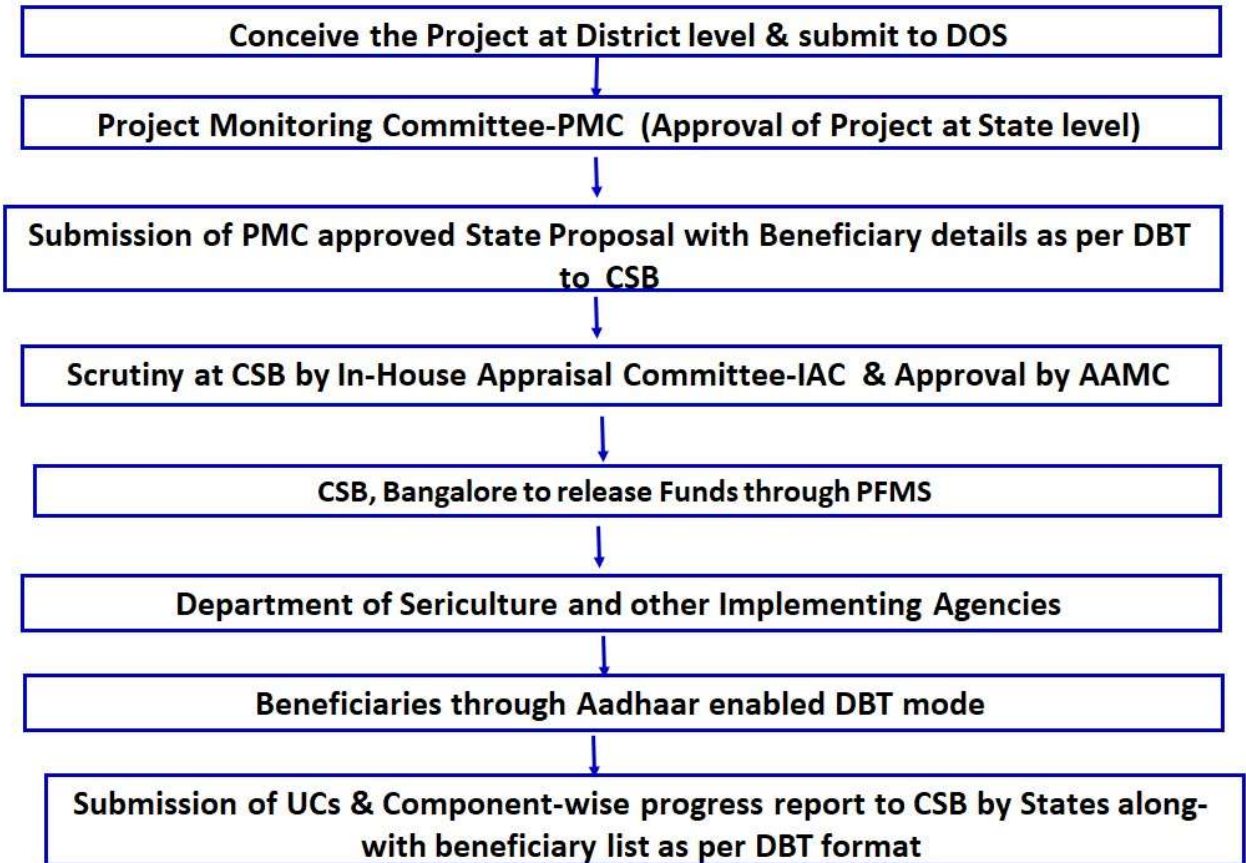
Annual maintenance work

#	Subject	Quote	1 st year	2 nd year
1.	Maintenance of web application “SILK SAMAGRA-2” MIS	Cost		
		Tax		
		Total (1)		
2	Maintenance of Android	Cost		
		Tax		
		Total (2)		
	Total-Table II	1+2		

Payment Schedule

S.NO.	Milestone	Expected Timeline T= Date of work order	Payment Term
1	Study, Designing and Development of basic MIS system and migration of existing data SRS and Software Design Documents for SILK SAMAGRA-2 MIS and Mobile App	T + 3 weeks	20% of Total Amount
2	Development of MIS Portal UAT	T + 9 weeks	20% of Total Amount
3	Development of MIS Portal, Mobile app UAT and Go Live	T + 15 weeks	20% of Total Amount
4	Complete MIS and APP with IT Platforms, UAT and Go Live	T + 22 weeks	20% of Total Amount
5	Training and handing over of Manuals	T + 26 weeks	20% (Balance amount)

Project Approval and Fund Flow Mechanism under Silk Samagra-2



Scheme: Silk Samagra - II - Approval / Sactioning of the project proposal

#	Particulars	DoS Comment				AMC Comment
1	Name of the State					
2	Project title					
3	Project year					
4	Whether proposal is in project mode & cluster approach - Yes / No					
5	Sector - Mulberry / Tasar / Eri / Muga					
6	Objective of the project is furnished - Yes / No					
7	Implementing agency					
8	Districts proposed to cover & Name of the clusters					
9	Whether the proposal is approved by the State PMC. If yes date of PMC					
10	Fund sharing (in Lakhs) -	Central	State	Ben.	Total	
a)	General category					
b)	Scheduled Caste Sub Plan (SCSP)					
c)	Tribal Sub Plan (TSP)					
	Total					

11	Modus operandi of the components are furnished - Yes / No					
12	State matching share is arranged - Yes / No					
13	Sharing pattern proposed for the components under the proposal are as per guidelines - Yes / No					
14	Beneficiary coverage	General	SCSP	TSP	Total	
15	List of beneficiaries with details is submitted along with the proposal - Yes / No					
16	Components & unit cost proposed under the proposal are as per the Silk Samagra-II guidelines - Yes / No					
17	Whether the project proposal is feasible in all aspects - Yes / No					
18	While formulating the proposal, silk portal details have been taken into consideration - Yes / No					
19	Project output / outcome are furnished - Yes / No					
20	Utilization Certificate (UC) as per GFR-12C format for the previous years release has been submitted - Yes / No					
21	Component-wise physical and financial progress report as per prescribed format has been submitted for the previous years release .- Yes / No					
22	Concluding remarks					

ANNEXURE - III

Sl No	Name of the Scheme / Component	Unit
	I Mulberry pre-cocoon sector	
1	Mulberry Tree Plantation Development-Raising and maintenance of Tree plantations	Acres
2	Assistance for irrigation and other Water Conservation and usage techniques	Acres
3	Assistance for construction of Rearing House	
	a) Model - I (1000 Sq.Ft)	Nos
	b) Model - II (600 Sq.Ft)	Nos
	c) Model - III (400 Sq.Ft)	Nos
4	Supply of Rearing Appliances including improved mountages (Rotary) for quality cocoon production	
	a) For rearing 250 dfl / batch in Southern States	Nos
	b) For rearing 150 dfls / batch in Central & Western, and Eastern States	Nos
	c) For rearing 100 dfls / batch in North Western and North Eastern States	Nos
5	Support for Prophylactic Measures for assured cocoon yield	No.
6	Production units for Biological inputs / Door-to-door service agents for disinfection and inputs supply and assistance for Sericulture Poly-Clinics	No.
7	Popularization of Chawki Rearing Centre (CRC) with Incubation Centers	Nos.
	Vanya Sector	
8	Support for development of tasar Kissan Nurseries	Acres
9	Support for development of muga Kissan Nurseries	Acres
10	Support for development of eri Kissan Nurseries	Acres
11	Support for Tasar Host Plantation Development	Ha.
12	Support for Muga Host Plantation Development:	Acres
13	Support for Eri Perennial Host Plantation Development	Acres
14	Assistance for Construction of Eri Rearing House	No.
15	Assistance for Tropical Tasar Rearers	No.
16	Supply of Rearing Appliances including improved mountages and Mounting Hall for quality cocoon production - For muga	Nos
17	Supply of Rearing Appliances for quality cocoon production - For Eri	Nos
18	Support for Prophylactic Measures for assured cocoon yield for Vanya	No.
	Capacity Building & Training for Sericulture Sector	
19	Beneficiary Empowerment Program(BEP)	No.
20	Sericulture Resource Centre	No.
21	Skill training & Enterprise development programs (Average unit cost of Rs.10,000 per person, however, it varies from	No.

	programme to programme)	
	Seed Organization	
22	Revolving Capital fund support for State Grainages and RSPs	
23	Assistance for purchasing Seed Testing Equipment's for State and Private RSPs.	No.
24	Support to upgrade State and Private Commercial Seed Production units & Establishment of Cold Storage	
	a) One time assistance to Seed producers for procuring equipments& upgrading existing seed production centre	No.
	b) Establishment of Cold Storage (50 lakh capacity)	No.
	c) Establishment of Cold Storage (100 lakh capacity)	No.
25	Strengthening of Mulberry Silkworm Seed rearers (ASRs) for Quality Seed Cocoon Generation	No.
26	Setting up of incubation chambers for proper embryonic development and uniform Hatching	No.
27	Assistance to Adopted Private Graineurs (Tasar, Eri &Muga)	No.
28	Assistance for strengthening of Tasar seed multiplication infrastructure (Tropical Tasar) – Establishment of Basic Seed Production Unit.	No.
29	Assistance to Adopted Vanya Seed Rearers for development/ maintenance of Chawki garden (Spacing- 1.8m x 1.8m [310 plants])	No.
30	Assistance to Adopted Seed Rearers for maintenance of existing Tasar plantation	No.
31	Assistance for Tropical Tasar Seed Rearers	No.
32	Disinfectants support to Adopted Seed Rearers	No.
	Post Cocoon Sector	
33	Support for motorized charka to dissuade child labour	No.
34	Support for existing cottage basin / domestic basin units for up-gradation	No.
35	Support for establishing Multi-end Reeling Units – 10 Basins	No.
36	Support for establishment of Automatic Reeling Units	
	a) 200 ends (Imported / Indigenous)	No.
	b) 400 ends (Imported)	No.
37	Support for establishment of Automatic Dupion Reeling Units – 142 ends (Imported)	No.
38	Assistance for twisting units (480 spindle capacity)	No.
39	Support for establishing ECO-Degumming Machine -10 Kg	No.
40	Support for establishment of Pupae processing units	No.
41	Support for improved Vanya Silk Reeling & Twisting -	
	a) Motorized Reeling cum twisting machine	No.
	b) Wet reeling machine	No.
	c) Motorized / pedal operated spinning machine	No.
	d) Solar operated spinning machine	No.
	e) Unnati Reeling machine	No.
	f) Buniyaad Reeling Machine	No.
	g) Kamadhenu Reeling machine	No.
	h) Two window Re-reeling machine	No.
	i) Charkha reeling machine	No.

	j) Two step reeling cum twisting machine	No.
42	Tasar reeling machineries package	No.
43	Support for Providing services of Master Reelers / Technicians as Twister / Weaver / Dyer / Mechanics' for silk industry	No.
44	Support for establishment of Electrical hot air drier (50 Kg Capacity)	No.
45	Support for establishment of Multifuel hot air drier (50 Kg Capacity)	No.
46	Support for establishment of Conveyor hot air drier (2000 Kg Capacity)	No.
	Post-Yarn sector	
47	Modified Region Specific Silk Handlooms	No.
48	Loom up-gradation through Jacquards, Pirn winding and other equipments	No.
49	Pneumatic Lifting mechanism (PLM)	
	a) 2 loom unit	No.
	b) 4 loom unit	No.
50	Electronic Jacquard (480 hooks) with Pneumatic Lifting mechanism	No.
52	Computer Aided Textile Designing Unit (CATD)	No.
53	Common Facility Centre (CFC) for silk yarn dyeing and fabric processing	
	a) Support for establishing tub dyeing -25 kg unit	No.
	b) Support for establishing tub dyeing -50 kg unit	No.
	c) Support for establishing Arm dyeing -50 kg unit	No.
	d) Support for establishing Fabric Processing Unit -250 kg	No.
54	Support for establishing Effluent Treatment Plant (ETP)	
	a) Zero discharge	No.
	b) Ground Discharge	No.
55	Support for establishing fabric Finishing Units	No.

Bank Guarantee for Performance Security

To

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In consideration of acting on behalf of the Central Silk Board (hereinafter referred as the “**Authority**”, which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, and assigns) awarding to having its office at (hereinafter referred as the “**Developer**” which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), vide the Authority’s Agreement no. dated valued at Rs. (Rupees), (hereinafter referred to as the “**Agreement**”) the assignment for consultancy services in respect of the Project, and the Developer having agreed to furnish a Bank Guarantee amounting to Rs. (Rupees) to the Authority for performance of the said Agreement.

We, (hereinafter referred to as the “**Bank**”) at the request of the SI do hereby undertake to pay to the Authority an amount not exceeding Rs. (Rupees) against any loss or damage caused to or suffered or would be caused to or suffered by the Authority by reason of any breach by the said SI of any of the terms or conditions contained in the said Agreement.

2. We, (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from the Authority stating that the amount/claimed is due by way of loss or damage caused to or would be caused to or suffered by the Authority by reason of breach by the said Developer of any of the terms or conditions contained in the said Agreement or by reason of the Developer’s failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs. (Rupees).

3. We, (Indicate the name of the Bank) do hereby undertake to pay to the Authority any money so demanded notwithstanding any dispute or disputes raised by the Developer in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Developer shall have no claim against us for making such payment.

4. We, (Indicate the name of Bank) further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be required for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Authority under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till the Authority certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Developer and accordingly discharges this Guarantee. Unless a demand or claim under this Guarantee is made on us in writing on or before a period of one year from the date of this Guarantee, we shall be discharged from all liability under this Guarantee thereafter.

5. We, (indicate the name of Bank) further agree with the Authority that the Authority shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said Developer from time to time or to postpone for any time or from time to time any of the powers exercisable by the Authority against the said Developer and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Developer or for any forbearance, act or omission on the part of the Authority or any indulgence by the Authority to the said Developer or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have the effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Developer (s).

7. We, (indicate the name of Bank) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Authority in writing.

8. For the avoidance of doubt, the Bank's liability under this Guarantee shall be restricted to Rs. (Rupees) only. The Bank shall be liable to pay the said amount or any part thereof only if the Authority serves a written claim on the Bank in accordance with Paragraph 2 hereof, on or before [..... (indicate the date falling 365 days after the date of this Guarantee)].

For

Name of Bank:

Seal of the Bank:

Dated, theday of, 20.....

(Signature, name and designation of the authorised signatory)

NOTES:

- (i) The Bank Guarantee should contain the name, designation of the officer(s) signing the Guarantee.
- (ii) The address, telephone no. and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.

CHECK LIST OF THE DOCUMENTS SUBMITTED - ONLINE

	DESCRIPTION OF THE DOCUMENT	YES/NO	REMARKS
1	Technical Quote	YES/NO	
2	Financial Quote	YES/NO	
3	Company/firm registration details	YES/NO	
4	Details of contact person(s)	YES/NO	
5	Email for correspondence	YES/NO	
6	PAN copy	YES/NO	
7	GST copy	YES/NO	
8	Bank details	YES/NO	
9	Documents of IT returns & Statutory Audit Reports for 3 years.	YES/NO	
10	Website links for having developed web applications by your company	YES/NO	

Place:

Seal & Signature of the Authorised Person
with Name/Designation/Mobile number