

सुजाग्रति समाज सेवी संस्था मुरैना म0 प्र0

एल.आई.जी. 914, न्यू हॉउसिंग बोर्ड कॉलोनी, मुरैना (मध्यप्रदेश) पिन-476001

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Suj/क/220

दिनांक- 24.07.25

To,
The Chief Executive Officer
National Medical Plant Board
New Delhi

Subject: Submission of the project proposal entitled "Enhancing Livelihoods through Guggul Conservation and Sustainable Utilization in Morena District, Madhya Pradesh"

Sir

Greetings from Sujagriti Samaj Sevi Sanstha, Morena. I have been submitting a project proposal for your review, focused on enhancing livelihoods through Guggul conservation in Morena District, Madhya Pradesh. I look forward to your feedback and guidance.

With warm Regards

Name: 
Head of the Organization
President
Sujagriti Samaj Sevi Sanstha
Morena (M.P.)

Zakir Hussain
President, Sujagriti Samaj Sevi Sanstha
Morena, Madhya Pradesh

PART – I: - GENERAL DETAILS

1. Title of the project: **"Enhancing Livelihoods through Guggul Plantation/ Conservation and Sustainable Utilization in Morena District, Madhya Pradesh"**

2. Name of the organization with full address:

- Name of Org.: SUJAGRITI SAMAJSEVI SANSTHA
- L.I.G. 914, Mayur Van New Housing Board Colony Morena (M.P.) PIN: 476001
- Telephone: +91-9826318465/ 9098746716
- Email Address: sujagriti99@gmail.com
- Website: www.sujagriti.org

3. Status: **NGO**

4. Registration number and date (for NGOs and Companies):

I	Tax Exemption Details	Certificate attach 12 A, 80 G Annexure-I
II	Registration details: Act under which registered, date of registration	Sujagrati is registered under the societies Registration Act 1973. Gwl. 5604 7th January 1999. Annexure-II
III	FCRA Certificate (Yes/No)	NA
IV	List of Trustees with their address, occupation and background etc.	Annexure-III
V	Experience of the NGO	Annexure-IV
VI	Activities currently undertaken by the agency	<ul style="list-style-type: none">• Nursery development• Plantation/Conservation/Cultivation• Market Uplinked• Training/Awareness
VII	Operational Area	Chambal ravines in Morena district, Madhya Pradesh
VIII	Infrastructure available with the Agency: Physical infrastructure Manpower available (With qualification & Experience)	<ul style="list-style-type: none">• Office on rent• Furniture and• Computer accessories• Manpower: Team of 8
IX	Memorandum of Association	Annexure-V
X	Bank/Branch/Account no. of the implementing agency	SBI Bank- Near Radhika Place Morena MP. PIN- 476001

		RTGS /NEFT IFSC code of the Bank: SBIN0000430 Account no. 30226971428 Agency name as per bank: NFD Sujagriti Samaj Sevi Sanstha Morena MP A/C CSR ANNEXURE-VI
XI	PAN No.	AAABS2201F; Annexure-VII
XII	Audited Accounts & Balance Sheets for the last five years,	Annexure-VIII

5. Audited income and expenditure details of last five years (for NGOs/companies only along with Articles of Associations and Memorandum of Association):

- **Grants/Income received in the previous financial years**

Financial years	Grants/Income received (Lakh)	Expenditure incurred (Lakh)
2020-21	7,37,046	7,37,046
2021-22	9,68,649	9,68,649
2022-23	6,20,685	6,20,685
2023-24	2,764,114	2,764,114
2024-25	2,432,582	2,432,582

6. Name of Principal Project Investigator (PI) and Co-PI:

Principal Project Investigator:

- Name: Mr. Zakir Hussain (President)
- Address: L.I.G. 914, Mayur Van New Housing Board Colony
- Morena (M.P.) PIN: 476001.
- Telephone number +91-9826318465/ 9098746716
- Email Address: sujagriti99@gmail.com
- Website www.sujagriti.org

Co-Principal Project Investigator:

- Name: SHAMIM KHAN
- Address: L.I.G. 914, Mayur Van New Housing Board Colony
- Morena (M.P.) PIN: 476001.
- Telephone number +91-9826318465/ 9098746716
- Email Address: sujagriti99@gmail.com
- Website www.sujagriti.org

7. Introduction, Concept and justification of the project (Detailed project report):

7.1. Introduction

Rural communities of ravines Morena, Madhya Pradesh, dwelling in remote villages, depend on a range of multipurpose plants including Guggal for their quotidian needs and have gone to the forest to gather range of forest resources. Villagers rely heavily on the biodiversity of the reserve for food, medicine, fodder, fuel, building materials and religious rituals. Growing demand of herbal medicine coupled with unemployment of young generation is dealing to erosion of plants wealth of their reach. Increased Industrial demand sometime also lures the natives for over exploitation. Such over exploitation has led not only to the biodiversity loss, genetic erosion of plant species in Madhya Pradesh but also inadequate supply of raw material for daily life as well as industries and thus the natives' livelihood activities are threatened.

For strengthening the villager's socioeconomic status and better management of available plant based resources of Madhya Pradesh we have selected two blocks of Morena districts in this proposal. We have planned for streamlining of the Guggal plants plantation model at **BMC** level.

7.2. Concept

Plantation of Guggal in ravines through community participation is the best way to combat the loss of raw material at field level. Besides it, development of sustainable community based multipurpose medicinal plants model through plantation activities in cluster area in selected **BMC** will support long term revenue generation for the community.

7.3. Justification

- National Medicinal Plants Board has supported Nursery development work in the Morena Morena district of Madhya Pradesh through SUJAGRITI SAMAJSEVI SANSTHA
- The above area is inhabited by the villagers living in the ravine landscape chiefly dependent on forest resources for their day to day liabilities and also doing trade of forest resources for betterment of villager's lifestyle, however, limited resources are alarming for villagers.
- Guggal Nurseries are also supported by NMPB hence its large scale plantation is needed and proposed for community upliftment and also to meet out the increasing industrial demand and which will also diminish the dependency on import of Guggal gum from foreign countries

8. Project Period: 2 years (24 months)

9. Details of infrastructure available with the organization:

- **Office (rental building)**
- **Office accessories**
- **Computer, Printer etc.**

10. Physical and financial requirement along with timelines:

S. No.	Mixed Plantation (1100 plants / hectares)	Total 50*2 = 100 hectare	Justification	1 st year	2 nd year
1	Plantation including maintenance (As per NMPB CSS guidelines)	5950800	Guggal and mixed plantation of trees having MFP and medicinal value (1100 plants / hectares)	3570480 (60 %)	2380320 (40%)
2	Moisture Conservation (15% of Plantation cost)	892620	Rain Water Harvesting structures	892620 (100 %)	Follow up
3	M&E, Microplanning, fencing, awareness raising (10% of plantation cost)	595080	Bio fencing, community awareness, visits and participations	595080 (100%0029)	Follow up
4	Overheads expences (10% of Plantation cost)	595080	Travel in community land, transportation of plants etc	297540 (50%)	297540 (50%)
5	Entry Point activities (@ 4000 x 2 no. (first for Morena; Second for Sabalgarh)	8000	Two: First for Morena; Second for Sabalgarh	8000 (100%)	Follow up
	Total	8041580		4824948	3216632

11. Internal Monitoring and evaluation mechanism:

For implementation of the project and smooth functioning SUJAGRITI SAMAJSEVI SANSTHA we will establish a close coordination between the Biodiversity Management Committee (BMC).

- Village Biodiversity Management Committee (VMC) will be constituted
- The VMC will prepare the Biodiversity Register of the village
- VMV will collaborate with Gram Panchayat for management of the available resources
- VMC will also coordinate with the Block Biodiversity Management Committee
- The existing Farmers Producers Company will be interlinked with the VMC
- **Internal Monitoring and evaluation mechanism:** Work will be supervised and documents will be managed by a village level working group of 05 experts having members of VMC and Village panchayat.
- For better management of the irrigation system and other physical infrastructure development such and tranches, compost pits and certification and documentation of the work SUJAGRITI SAMAJSEVI SANSTHA, will create links by convergence of various ongoing schemes of Government.
- The liaison will be developed with various government and non-government departments for community awareness and skill development.
- District level government agencies and line departments viz., Horticulture, Forestry, Rural Development, Panchayati Raj etc will also be linked for strengthening of the project activities.

12. Benefits from the projects- tangible and intangible:

Tangible	Intangible
<ul style="list-style-type: none"> • Systematic and sustainable management of Guggal and other plant resources • Better understanding with the available natural resources • Skill development of native community for value generation from diverse resources • Regular Community employment at village and mitigation of migration rate 	<ul style="list-style-type: none"> • Quality collection of medicinal plants and bioprospecting • Skill development and mainstreaming of community
<ul style="list-style-type: none"> • Restoration of degraded ecosystem through plantation of multipurpose medicinal plants • Augmentation of natural resources for socio-economic uplifting • Conservation of Guggal species and integrated approach for livelihood • Availability assured Quality Planting Material in the vicinity 	<ul style="list-style-type: none"> • Initiation of integrated community models for better management of available resources • Support to regional biodiversity management and soil conservation
<ul style="list-style-type: none"> • Socio-economic development of the villagers' community through marketing of graded raw material of multipurpose medicinal plants as well as value added products • Enlisting of industrially important multipurpose plant species and strengthening of Biodiversity Register • Direct scientific intervention for community strengthening • Demand driven collection and mitigation of wastage practice • Initiation of augmentation/cultivation of highly traded medicinal plants • Maximum benefit from available resources through value addition and entrepreneurship options at village 	<ul style="list-style-type: none"> • Sustainable raw material to the industries for quality production • New options for skill development and focus of government for area up-lifting • Possibilities for better integrated business models and interlinkage with diverse marketing groups • New Research Initiatives for community strengthening • Direct linkage with industries and removal of middle men •

13. Summary of the work particularly in medicinal plants sector undertaken by the organization /PI in the last 3 years.

- 2007: Bio diversity Conservation; Madhya Pradesh Biodiversity Board; 5 lakhs; 1 year
- 2008: Guggal Conservation; CEE, UNDP, Delhi; 1.5 lakhs; 2 years
- 2010: Guggal Nursery Development; MP Biodiversity Board; 2 lakhs; 1 year
- 2013: Livelihood through Guggal Conservation; CEE, Delhi - 25 lakhs - 3 years
- 2013: Googal planting and dorbandi; CEE, U.N.D.P. Delhi; 16 lakhs;
- 2015: School Herbal Garden; NMPB, Ministry of AYUSH; 6.25 lakhs; 1 year
- 2017: Guggal survey work; Madhya Pradesh State Biodiversity Board; 5 lakhs; 2 months
- 2019: Guggal Conservation & livelihood; NMPB, M/o AYUSH; 21.4 lakhs; 3 years
- 2023: Medicinal Plants Nursery (4 h); NMPB, Ministry of AYUSH; 12.5 lakhs

14. Other sources of financial assistance received by the applicant/organization if any so, furnish details:

- Delhi, CEE Delhi
- Delhi, National Medicinal Plants Board, M/o AYUSH
- MP, Action aid Bhopal
- MP, Biodiversity board Bhopal, Madhya Pradesh
- MP, Forest Department, Madhya Pradesh
- MP, JFMC, Joint Forest Management Committees
- MP, Prayas Sanstha Ambarvada, Chhinvada, MP
- MP, Samarthan Bhopal
- MP, State Biodiversity Board, Madhya Pradesh
- MP, State Medicinal Plants Board, Madhya Pradesh
- M/o Earth and science

15. Details of financial assistance already received from the Board, if any may be given in the following proforma: Details at Annexure-IX

- 2015: School Herbal Garden; NMPB, Ministry of AYUSH; 6.25 lakhs; 1 year
- 2019: Guggal Conservation & livelihood; NMPB, Ministry/AYUSH; 21.4 lakhs; 3 years
- 2023: Medicinal Plants Nursery (4 h); NMPB, Ministry of AYUSH; 12.5 lakhs; 2 years

16. Bio-data of PI & Co-PI:

16.1: Principal Investigator

- **Name: Zakir Hussain**
- Contact Information
- Address: L.I.G. 914, Mayur Van New Housing Board Colony, Morena (M.P.)
- Telephone: +91-9826318465/ 9098746716
- Email Address: sujagriti99@gmail.com
- Website: www.sujagriti.org

Professional Experience

- President, Sujagriti Samaj Sevi Sanstha
- Led various projects focused on biodiversity conservation, livelihood enhancement, and community development
- Proven expertise in project management, community engagement, and partnership building

Key Projects

- Conservation of Ravines and Guggul Conservation etc
- Biodiversity Conservation (2007)
- Guggal Conservation (2008)
- Livelihood through Guggal Conservation (2013)
- Guggal Conservation & Livelihood (2019)

Skills

- Project management
- Community development
- Partnership building
- Biodiversity conservation
- Livelihood enhancement

16.2. CO-Principal Investigator

- **Name: Shamim Khan**
- **Contact Information**
- Phone: +91-9826318465/ 9098746716
- Email: sujagriti99@gmail.com
- Website: www.sujagriti.org

Summary

Dedicated professional with experience in project management and community development, working closely with Zakir Hussain in initiatives focused on environmental conservation and community empowerment.

Professional Experience

- Associate, Sujagriti Samaj Sevi Sanstha
- Collaborated with Zakir Hussain on projects enhancing livelihoods through Guggul conservation and sustainable utilization in Morena District, Madhya Pradesh
- Contributed to project development, implementation, and management

Key Projects

- Enhancing Livelihoods through Guggul Conservation
- Worked with Zakir Hussain to develop sustainable community models for multipurpose medicinal plant cultivation
- Focused on Good Field Collection Practices, primary processing, and market linkage

Skills

- Project management
- Community development
- Environmental conservation
- Team collaboration

Personal Qualities

- Strong commitment to community empowerment and environmental conservation
- Effective team player with excellent communication skills

Note:

- I. Proof of land ownership/leasehold and market mechanism.
 - Proof of land ownership/leasehold **Annexure- X**
 - Market mechanism **Annexure-XI**
- II. Costing pattern to be provided in the form of schedule of rates **Annexure-XII**
- III. Supporting documents including map. **Annexure-XIII**

Certified that:

- I. The organization shall abide by all the 'Terms and Conditions' of the grant stipulated in the operational guidelines of the scheme of NMPB, Ministry of AYUSH, Government of India.
- II. All records and reports related to the project have been maintained separately and shall be shown and furnished as and when required by the Ministry of AYUSH or its authorized representatives.
- III. Project shall be open for evaluation of physical progress and utilization of funds at the discretion of Ministry of AYUSH.
- IV. The undersigned shall be responsible for the authenticity of the information and documents furnished in the application and proposal.
- V. Ministry of AYUSH shall have the right to recover the grant or take legal action against the organization for any default or deviation from the terms and conditions of sanction of grant.
- VI. No financial assistance/grant has been sought and or obtained from any Central or State Govt. organization for the same purpose.
- VII. It is certified that all applicable laws/rules and legal provisions will be followed while implementing the project.
- VIII. It is also certified that the project proposal is formulated as per the relevant provisions/ clauses of the guidelines of the Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants.

Date: 25/07/2025

Name.....
Head of the Organization
President
Sujagati Samaj Sevi Sanshodhan
Morena (M.P.)

Signature of Authorized Authority

PART-II:

1. Title of the project: **"Enhancing Livelihoods through Guggul Conservation and Sustainable Utilization in Morena District, Madhya Pradesh"**

2. Objective:

- **Mainstreaming Villagers for Adopting plantation of Guggal**
- **Development of Sustainable Plants based Community Model through Plantation**
- **Community Strengthening through Marketing of Guggal gum**

3. Justification:

For plantation of Guggal, community participation, and value generation through collection and sale of Guggal gum and community upliftment:

- **Nursery Development:** Nurseries for Guggal seedlings to source a steady supply of high-quality planting material.
- **Plantation:** Plant Guggal in community lands and encourage farmers to plant Guggal in their fields to prevent soil erosion and provide additional income.
- **Training and Capacity Building:** Organize workshops and training sessions for villagers on Good Field Collection Practices (GFCP) and primary processing of Guggal to ensure sustainable harvesting and improve the quality of Guggal resin.
- **Community Engagement:** Engage with local communities to raise awareness about the importance of GFCP and primary processing through village meetings, demonstrations, and exposure visits.
- **Development of Guidelines:** Develop and disseminate guidelines on GFCP and primary processing of Guggal that are simple, practical, and easily understandable by the villagers.
- **Sustainable Harvesting:** Implement sustainable harvesting practices to ensure the long-term viability of Guggal plantations.
- **Collection and Processing:** Collect and process Guggal resin using the trained practices and guidelines.
- **Market Linkages:** Establish market linkages for Guggal resin and other products by connecting farmers with industries, traders, and consumers.
- **Value Addition:** Promote value addition of Guggal products through processing, packaging, and branding to increase their market value.
- **Partnerships:** Foster partnerships with research organizations, government agencies, and industries to support Guggal conservation and utilization, including collaborative research, capacity building, and market development.

This plan should lead to community upliftment through the sustainable collection and sale of Guggal gum, while also promoting environmental conservation and community participation.

4. Medicinal plants resource scenario in the state

I. Species in the state and their geographical occurrence.

S. No.	Botanical name	Common name	Part Used
1	<i>Abrus precatorius</i> L.	Lal gunja/ Ratti	Seed, Root and Leaves
2	<i>Abutilon indica</i> (L.) Sweet	Atibala, Kanghi	Fruit
3	<i>Achyranthes aspera</i> L.	Apamarga	Whole Plant
4	<i>Acorus calamus</i> L.	Bach, Sweet flag	Rhizome
5	<i>Aegle marmelos</i> Corr.ex Roxb.	Bel/Bilva	Fruit/ Leaves
6	<i>Ailanthus excelsa</i> Roxb.	Mahaneem	Bark
7	<i>Aloe barbadensis</i> Mill.	Ghrit Kumari	Leaves
8	<i>Andrographis paniculata</i> Wall.	Kalmegh	Whole plant
9	<i>Angiopteris evecta</i> (Forst.) Hoffm.		Root
10	<i>Argeria speciosa</i> (L.F.) Sweet	Vidhara	Root, Leaves
11	<i>Aristolochia indica</i> L.	Isharmool	Root
12	<i>Asparagus racemosus</i> Willd.	Satavari	Tuber
13	<i>Azadirachta indica</i> A.Juss.	Neem	Bark, Leaves, Fruit, Oil
14	<i>Bacopa monnieri</i> (Linn.) Penn.	Brahmi	Whole plant
15	<i>Baliospermum montanum</i> (Willd.)	Danti	Root
16	<i>Boerhaavia diffusa</i> Linn.	Punarnava	Root
17	<i>Boswellia serrata</i> Roxb. ex Colebr.	Salai	Oleo - reison
18	<i>Buchanania lanzan</i> Spreng.	Chironji	Seed
19	<i>Carthamus tinctorius</i> L.	Kusum	Seed, Oil
20	<i>Cassia angustifolia</i> Vahl.	Senna	Leaves
21	<i>Cassia fistula</i> L.	Amaltas	Fruit, Root Bark
22	<i>Celastrus paniculata</i> Willd.	Malkangni	Seed
23	<i>Ceropegia bulbosa</i> Roxb.	Daruhaldi	Fruit and Root
24	<i>Chlorophytum borivillianum</i> Sant.	Safed Musali	Tuber
25	<i>Chlorophytum tuberosum</i> Baker	Safed Musali	Tuber
26	<i>Cissampelos pareira</i> L.	Patha	Root, Leaves
27	<i>Clerodendrum multiflorum</i> (Linn.)	Arni	Root
28	<i>Clerodendrum serratum</i> (Linn.)	Bharangi	Root
29	<i>Coleus barbatus</i> Benth.	Patharchur	Root
30	<i>Commiphora wightii</i> (Arn.) Bhand.	Guggulu	Gum
31	<i>Convolvulus microphyllus</i>	Shankhpushpi	Whole plant
32	<i>Costus speciosus</i> (Koenig) Sm.	Kevuk	Root
33	<i>Crataeva religiosa</i> G.Forst.	Varun	Bark
34	<i>Curcuma amada</i> Roxb.	Ban Haldi	Rhizome
35	<i>Curcuma angustifolia</i> Roxb.	Indian arrow-root	Rhizome
36	<i>Cyperus rotundus</i> L.	Nagarmotha	Tuber
37	<i>Desmodium gangeticum</i> DC.	Shalparni	Whole Plant
38	<i>Dioscorea bulbifera</i> Linn.	Varahi	Corm.
39	<i>Dioscorea daemia</i> Hochst.	Chaikand	Corm
40	<i>Embelia ribes</i> Burm. f.	Baibidang	Fruit
41	<i>Evolvulus alsinoides</i> (L.) L.	Shankhpushpi	Whole Plant
42	<i>Gloriosa superba</i> Linn.	Kalihari	Tuber
43	<i>Glycyrrhiza glabra</i> Linn.	Mulethi	Rhizome

44	<i>Gmelina arborea</i> Roxb.	Gambhari	Root
45	<i>Gymnema sylvestre</i> R.Br.	Gudmar	Leaves
46	<i>Helicteres isora</i> L.	Marorphali	Fruit
47	<i>Hemidesmus indicus</i> R.Br.	Anantamool	Root
48	<i>Justicia adhatoda</i> L.	Vasa	Leaves & Flowers
49	<i>Litsea glutinosa</i> (Lour) C.B.Rob	Maida lakri	Stem Bark
50	<i>Martynia annua</i> L.	Kaknasa	Fruit
51	<i>Mentha arvensis</i> Linn.	Pudina	Essential oil
52	<i>Mentha piperata</i> Linn.	Peeper mint	Essential oil
53	<i>Mimosa pudica</i> L.	Lajwanti	Seeds
54	<i>Moringa oleifera</i> Lam.	Sahinjan	Fruit, Leaves
55	<i>Mucuna pruriens</i> (L.) DC.	Konch	Seed
56	<i>Ocimum sanctum</i> Linn.	Tulsi	Leaves, Seed
57	<i>Oroxylum indicum</i> Vent.	Sheonak	Root
58	<i>Phyllanthus amarus</i> Schum.	Bhumi amlaki	Whole plant
59	<i>Phyllanthus emblica</i> Linn.	Amla	Fruit
60	<i>Plumbago zeylanica</i> L.	Chitrak	Root
61	<i>Pongamia pinnata</i> (L.)	Karanj	Seed
62	<i>Pterocarpus marsupium</i> Roxb.	Bijasal	Bark
63	<i>Rauwolfia serpentina</i> Benth.ex Kurz	Sarpagandha	Root
64	<i>Rubia cordifolia</i> L.	Manjistha	Whole plant
65	<i>Solanum anguivi</i> Lamk.	Brhati	Whole plant
66	<i>Solanum nigrum</i> Linn.	Makoy	Whole plant
67	<i>Solanum surattense</i> Linn.	Kantakari	Whole plant
68	<i>Stereospermum chelonoides</i> (L.f.)	Patla	Root
69	<i>Stevia rebaudiana</i> (Bert.) Bertoni	Stevia	Leaves
70	<i>Syzygium cumini</i> (L.) Skeels	Jamun	Seed, Bark
71	<i>Tephrosia purpurea</i> (L.) Pers.	Sharpunkha	Whole Plant
72	<i>Terminalia arjuna</i> (Roxb) W. & A.	Arjuna	Stem, Bark
73	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Bibhitaka, Bahera	Fruits
74	<i>Terminalia chebula</i> Retz.	Haritaki	Fruits
75	<i>Thalictrum foliolosum</i> DC.	Mamiri, Pilihari	Root
76	<i>Tinospora cordifolia</i> (Willd.)	Guduchi	Stem
77	<i>Tylophora indica</i> (Burm.f.) Merr.	Damabuti	Leaves
78	<i>Uraria picta</i> Desv.	Prisnaparni	Whole plant
79	<i>Vernonia cineria</i> (L.) Less.	Sahdevi	Whole Plant
80	<i>Withania somnifera</i> Dunal	Ashwagandha	Root

II. Collection-species, volumes and value.

Main medicinal plants traded (> 50 ton/ yr)

SN	ITEM	Supply ton/yr	Habit	Part used	Botanical Name	Price Rs./kg	Value Rs.Lakh/yr
1	Amla	5000	T	F	<i>Emblica officinalis</i>	60	3000
2	Arjun	100	T	B	<i>Terminalia arjuna</i>	15	15
3	Ashwagandha	50	S	R	<i>Withania somnifera</i>	150	75
4	Bach	50	H	R	<i>Acorus calamus</i>	70	35
5	Baibidang	100	S	S	<i>Embelia ribes</i>	125	125
6	Bael	500	T	F,R	<i>Aegle marmelos</i>	25	125
7	Beheda	1000	T	F	<i>Terminalia bellerica</i>	20	200
8	Bhelwa	250	T	F	<i>Semecarpus anardium</i>	10	25
9	Bramhi*	100	H	W	<i>Centella asiatica</i>	40	40
10	Charota	1000	S	S	<i>Cassia tora</i>	8	80
11	Dhawai	500	S	FI	<i>Woodfordia fruticosa</i>	15	75
12	Giloy	1000	C	St	<i>Tinospora cordifolia</i>	15	150
13	Gokharu	100	H	F	<i>Tribulus terrestris</i>	25	25
14	Gudmar	150	C	L	<i>Gymnema sylvestre</i>	50	75
15	Guggul	10	T	E	<i>Commiphora wightii</i>	700	70
16	Harda	5000	T	F	<i>Terminalia chebula</i>	18	900
17	Honey	100	-	E	<i>Apis dorsata E</i>	80	80
18	Kalmegh	100	H	L	<i>Andrographis paniculata</i>	20	20
19	Kali Musali	50	H	R	<i>Curculigo orchoides</i>	80	40
20	Kewanch	50	C	S	<i>Mucuna pruriens</i>	65	33
21	Kuchala	100	T	S	<i>Strychnos nux vomica</i>	50	50
22	Kutaj	100	T	B	<i>Holarhena antidysentrica</i>	25	25
23	Kumari	50	H	L	<i>Aloe vera</i>	20	10
24	Malkangni	100	C	S	<i>Celastrus paniculata</i>	70	70
25	Mala#	100	H	L	<i>Eclipta prostrata</i>	25	25
26	Makoy	100	H	W	<i>Solanum nigrum</i>	45	45
27	Marodfali	250	S	F	<i>Helicteres isora</i>	18	45
28	Nagarmotha	500	T	R	<i>Cyperus rotundus</i>	20	100
29	Palash gum	10	T	L/B	<i>Azadirachta indica</i>	18	1.8
30	Rasna	100	O	R	<i>Vanda tesellata</i>	500	500
31	Salai gum	100	T	E	<i>Boswellia serrata</i>	100	100
32	Safed Musli	100	H	R	<i>Chlorophytum spp.</i>	500	500
33	Satavar	500	C	R	<i>Asparagus racemosa</i>	100	500
34	Tulsi	100	H	L	<i>Odium tenuiflorum</i>	30	30
35	Vidari	100	C	R	<i>Pueraria tuberosa</i>	100	100
	TOTAL	17520					7289

*- Mandukpami #- Bhringraj, HABIT- C- Climber, H- herb, S- Shrub, T- Tree,

ZONES: N- North, S- South, E- East, W- West

PART- L- Leaf, B- Bark, S- Seed, R- Root, St- Stem, F- Fruit, FI- Flower, E- exudates

III. Districts, Division and JFMCs/VSS/BMC.

S. No.	Districts	Block	BMC
1	Morena	Morena	PIPRAI BMC
2	Morena	SABALGARH	JAGROL BMC BAMCHOLI BMC
	Total		3 BMCs

IV. Infrastructure of mandies, trade centres, manufacturing units.

- Betul: Limited information available, but community centers may serve as local trade hubs.
- Bhopal: Major city with trade centers and markets, home to CEDMAP (Centre for Entrepreneurship Development Madhya Pradesh).
- Indore: Significant commercial hub with thriving business community and proximity to major transportation routes.
- Neemuch: Local markets and trade centers may exist, with some educational infrastructure.
- Shivpuri: Part of ODOP initiative, promoting local products and industries.
- Sheopur: Also part of ODOP initiative, with potential opportunities for economic development etc.

Manufacturing units:

The pharmaceutical and Ayurvedic manufacturing landscape in the region features several companies, including:

1. Ajmera Pharmaceuticals Pvt. Ltd.: Known for manufacturing products like Aceclofenac, Albendazole, and Ferrous Fumarate.
2. Kinvan Private Limited: Specializes in fermentation-based manufacturing, with a focus on Clavulanic Acid and its derivatives.

Other companies mentioned include:

1. Bhardwaj Pharmaceuticals Works: A pharmaceutical manufacturer, although specific details are limited.
2. Shree Baidyanath Ayurved Bhawan Private Limited: Involved in Ayurvedic product production, but specifics are not available.

Several companies lack detailed information, including: 1. Amsar Private Limited, 2. Raj Pharma, 3. Shilpachem, 4. Shri Sanmati Udhyog, 5. Swaarnim Naturscience Limited, 6. Gandhi Jain Karyalay

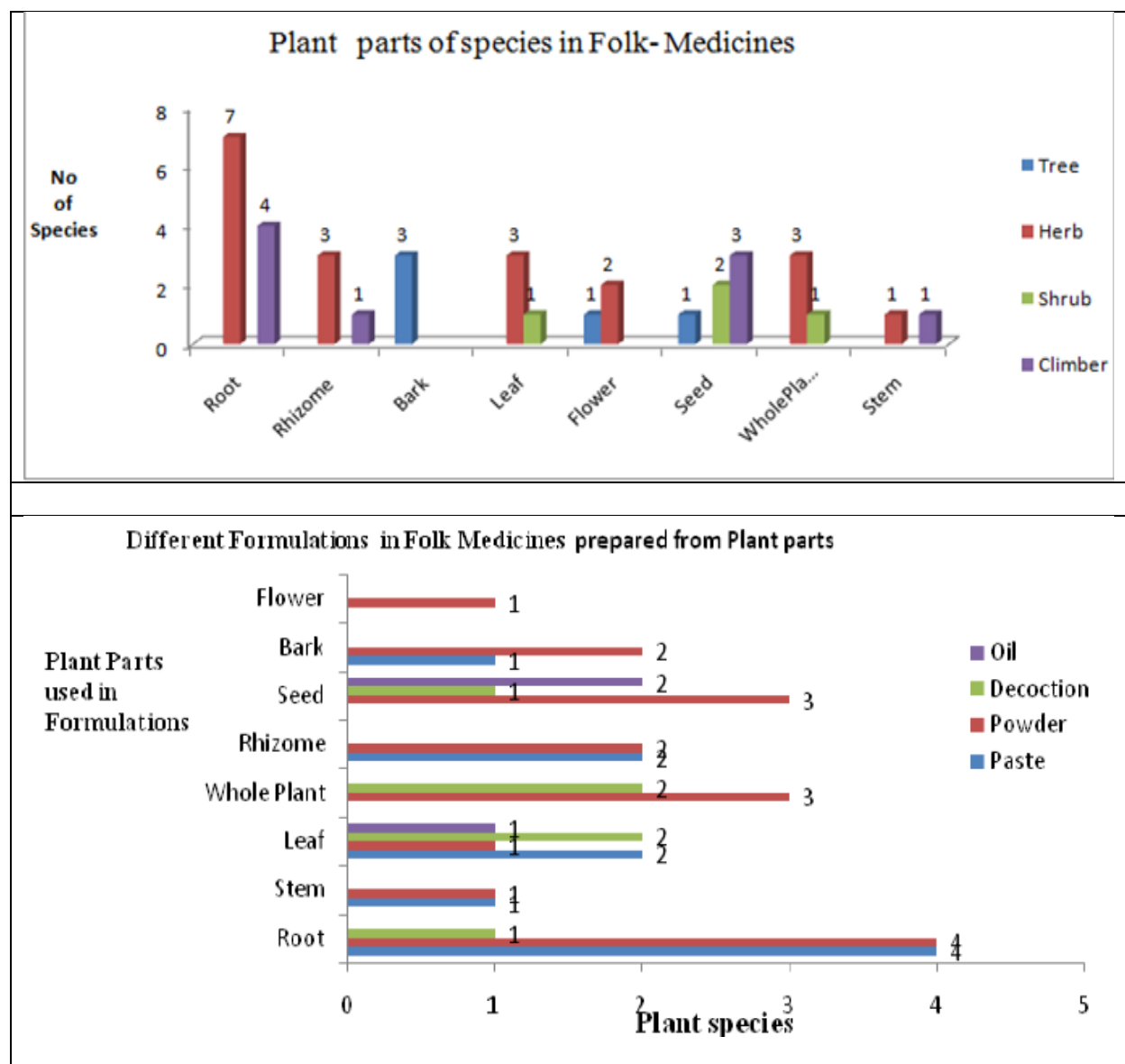
The Minor Forest Produce Processing And Research Centre (MFP-PARC) may be involved in processing and research of minor forest products, but manufacturing details are unclear.

These companies contribute to the region's pharmaceutical and Ayurvedic manufacturing sector, with varying levels of information available about their activities and products.

V. Socio-economic profile-dependence of people in NTFP and medicinal plants.

The Villagers of Morena, Madhya Pradesh belonging to different ethnic communities residing in different pockets are utilizing medicinal plant and their parts collected from herbs, shrubs, climbers and trees comprising from different plant families.

In our previous survey information was recorded from villagers and elderly persons of ethnic communities belonging to Gond, Bhariya, Korku, Pardhi, Bhilala, Bediya and Kol tribes. It was found that Medicinal plant species with 54 uses of plants and their parts in different formulations such as powder, paste, decoction, extract, oil, raw and cooked parts of root, leaf, stem, whole plant (panchang), rhizome, bark and flower used in cure of ailments.



VI: Local consumption–traditional healers, vaidyas etc.:

- During last three years, in a pilot survey, the SUJAGRITI SAMAJSEVI SANSTHA found about 150 traditional healers in the district. On interrogation, it was found that the healers collect the raw material of medicinal plants from forest area, however, due to increased exploitation, now a day the healers are unable to collect the required medicinal plants from their vicinity and procuring the raw material from nearby mandies.
- The small healers collect about 50 kg raw material from forest and procure about 55-60 Kg raw herbs from Market. Thus, on an average, about 15 MT raw material of medicinal plants is being used by traditional healers for health management of villagers.
- It is also found that the trend of transfer of knowledge from patents to their next generation is decreasing due to availability of modern allopathic medicine and low interest of young generation for traditional practices.

5. List of JFMCs / Panchayats proposed to be covered along with justification of shortlisting the JFMCs.

S. No.	Districts	Block	BMC	Remarks
1	Morena	Morena	<ul style="list-style-type: none">• PIPRAI BMC	50 h
2	Morena	SABALGARH	<ul style="list-style-type: none">• JAGROL BMC• BAMCHOLI BMC	25 h 25 h
	Total		3 BMCs	100 h

- Justification: The shortlisting of **BMCs** in Morena District based on a combination of factors, including population size and density, rural development needs, environmental concerns, community engagement and participation, and infrastructure and resource availability. Significant rural development needs, unique environmental features, strong community engagement, and limited infrastructure or resources, development initiatives can be targeted effectively to support the most vulnerable communities and promote sustainable development of the region.

6. Existing infrastructure of storage, market yards, machinery, if present in the project area.

- NA

7. Name of the places in which drying sheds, godown, processing work to be developed.

- NA

8. Project activities (physical targets, consolidated and district/division/BMC wise)

S. No.	Particulars	Justification	1 st year	2 nd year
1	Plantation including maintenance	Guggal and mixed plantation of trees having MFP and medicinal value (1100 plants / hectares)	60 %	40%
2	Moisture Conservation	Rain Water Harvesting structures	100 %	Follow up
3	M&E, Microplanning, fencing, awareness raising	Bio fencing, community awareness, visits and participations	100%	Follow up
4	Overheads expenses	Travel in community land, transportation of plants etc	50%	50%
5	Entry Point activities	Two: First for Morena; Second for Sabalgarh	100%	Follow up

9. Detailed break-up of the physical infrastructure of godowns, dry yards etc. Along with sizes capacity proposed and list of machinery/equipment proposed together with their costs.

- NA

9.4. Plantation of medicinal plants- Mixed plantation @1100 plants/ha

- Following plant species of various life form will be considered for mixed plantation viz., **Guggal** + *Aegle marmelos* (Linn) Corr., *Emblica officinalis* Gaertn., *Gmelina arborea* Linn., *Gymnema sylvestre* R. Br., *Moringa oleifera*, *Mucuna prurita* Linn., *Ocimum sanctum* Linn., *Phyllanthus amarus* Schum & Thonn., *Plantago ovata*, *Plumbago zeylanica* Linn., *Premna integrifolia* Linn., *Anacyclus pyrethrum* DC., *Pterocarpus santalinus*, *Saraca asoca* (Roxb.) De Wilde, *Sida cordifolia*, *Solanum nigrum* Linn., *Stereospermum suaveolens* DC., *Terminalia arjuna* (Roxb.) Wt. & Arn., *Terminalia belerica*, *Tinospora cordifolia* Miers, *Urarea picta* (Jacq.) Desv., *Vitex nigundo*, *Asparagus racemosus* Willd., *Withania somnifera* (Linn.) Dunal, *Azadirachta indica* A. Juss, *Catharanthus roseus*, *Chlorophytum borivillianum* Sant., *Commiphora wightii* (Arn.) Bhandari, *Convolvulus microphyllus*, *Eclipta alba* Hassk., *Rauvolfia serpentina*.

10. Financial outlays for each activity (year-wise):

S. No.	Mixed Plantation of trees having MFP and medicinal value (1100 plants / hectares)	NMPB (CSS Guidelines)	Madhya Pradesh (MANREGA)	Total 50 x 2 = 100 hectare	1 st year	2 nd year
1	Plantation including maintenance (As per NMPB CSS guidelines)	17100	59508.0	5950800	3570480 (60 %)	2380320 (40%)
2	Moisture Conservation (15% of Plantation cost)	2565	8926.2	892620	892620 (100 %)	Follow up
3	M&E, Microplanning, fencing, awareness raising (10% of plantation cost)	1710	5950.8	595080	595080 (100%0029)	Follow up
4	Overheads expences (10% of Plantation cost)	1710	5950.8	595080	297540 (50%)	297540 (50%)
5	Entry Point activities (@ 4000 x 2 no. (first for Morena; Second for Sabalgarh)	4000	8000	8000	8000 (100%)	Follow up
	Total	27085	88335.8	8041580	4824948	3216632

11. Is any micro and small enterprise proposed, and if so, what will be its structure, composition.

- NA

12. Market linkage (MoUs, if any).

- Future market linkage will/may be developed with following:

S. No.	linkage with organization	Through the involvement of
1	Herbal medicine manufacturers/Industries	NMPB, M/o AYUSH
2	Van Dhan Vikas Kendras of Tribal Villagers	M/o TRIFED
3	Vaidyas' associations/ Traditional Healers groups	M/o AYUSH
4	Forest Department	MoEFCC
5	MANREGA and NRLM linkage	Land and water Resource
6	Convergence	Line departments

13. Additional income to community/JFMC members.

Particulars	Work	Source
Nursery management	Plant sale	SMPB, RCFC, NMPB etc.
Grading	Rural employment	Skill Development
Primary Processing		Industrial support

14. Outputs and outcomes.

Outputs	Outcomes
<ul style="list-style-type: none"> • Villagers will be able to deal with Plantation and Good Field Collection Practices of medicinal plant • Mitigation of wastage of raw material at field level as well as overexploitation of resources 	<ul style="list-style-type: none"> • Assured and certified quality raw material for herbal industries • Increase in the supply of raw material • Conservation of resources
<ul style="list-style-type: none"> • Collection and Primary processing of multipurpose medicinal plants 	<ul style="list-style-type: none"> • Additional income for villagers through value addition
<ul style="list-style-type: none"> • Augmentation of industrially important medicinal plants of the region • Community strengthening through plantation and resource management 	<ul style="list-style-type: none"> • Hope for sustainable raw material supply to the industries • Long term resource management at through community participation
<ul style="list-style-type: none"> • Direct linkage with diverse platforms for marketing • Direct benefit of various government schemes through convergence of schemes • Interaction with research organizations for future prospective 	<ul style="list-style-type: none"> • Community strengthening through earning • Sustainable resource management Resource

15. Exit strategy and sustainability.

The SUJAGRITI SAMAJSEVI SANSTHA will establish a close coordination between the existing BMCs Biodiversity Management Committee before completion of the project and the sustainability and control of the activities will be responsibility of the core team of Applicant.

General Conditions and Undertakings

- I. The State Government should give an undertaking that project area has not been covered/is not proposed to be covered under the National Afforestation Programme (NAP) of NAEB or under any other scheme of Central or State Government.
- II. Cost norms followed, indicating clearly the wage rate in the State, number of plants per hectare and the period for which maintenance is provided in the project (NAEB cost norms will be adopted for NMPB schemes).
- III. Necessary provisions has been made/will be made in the Working Plan to permit harvesting of plant parts (roots, barks etc.) available under the project. Necessary financial support will be provided for maintenance of the assets created under the project after the project period.
- IV. Annual progress report will be submitted by the Project Investigator.
- V. The State Government will nominate a senior officer to act as a Nodal Officer.
- VI. It will be our responsibility for regular and periodic monitoring, and to fully cooperate with the monitoring agency engaged by NMPB.

Date: 25/07/2025

Name 
Head of the Organization
President
Sujagriti Samaj Sevi Sanstha
Morena (M.P.)

Signature of Authorized Authority

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