

# कार्यालय कार्यपालन यंत्री जल संसाधन संभाग, देवास (म.प्र.)

Telephone 07272250517 and Email Id-ewrddewas46@gmail.com

पत्र क्र. 1629

दिनांक 14/08/2023

प्रति,

प्रधान मुख्य वन संरक्षक (भू-प्रबंध),  
मध्य प्रदेश वन विभाग,  
सतपुड़ा भवन, भोपाल

विषय:- जल संसाधन विभाग, जिला देवास के अंतर्गत पटपडी टैंक प्रोजेक्ट के निर्माण हेतु 72 हैक्टेयर वन भूमि के लिए Stage-II स्वीकृति की शर्तों के पालन में निवेदन ।

संदर्भ:- 1. File No.8-10/2020-FC Ministry of Environment, Forest and Climate Change Dated: 2 March,2021  
2. Forest Proposal No. FP/MP/IRRIG/20556/2016

उपरोक्त संदर्भित में निवेदन है की विषयान्तर्गत भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, दिल्ली से प्राप्त जिला देवास के अंतर्गत पटपडी टैंक प्रोजेक्ट के निर्माण हेतु भारत सरकार द्वारा वन प्रकरण (FP/MP/IRRIG/20556/2016) की प्रथम चरण स्वीकृति (File No.8-10/2020-FC दिनांक 2 March,2021) जारी की गई है परियोजना की द्वितीय चरण वन स्वीकृति में अधिरोपित शर्तों के पालन में निवेदन निम्नानुसार है :-

**Conditions which need to be complied prior to handing over of forest land by the State Forest Department and compliance is to be submitted prior to Stage-II approval:**

Sl. No.	Description of action to be taken	Action taken
1	The State government will carry out adequate Soil and Moisture Conservation works in the catchment area (e.g. stop dams, sunken pits, contour trenches, percolation pits, etc.) so that the reservoir gets enough recharge of water and the irrigation efficiency is improved. These works would be in addition to the plantation proposed to be done under CA.	Agreed. Adequate Soil and Moisture Conservation works in the catchment area will be taken up in addition of CA to recharge water and improve irrigation. <b>(Undertaking Annexure-1)</b>
2	The KML files of diverted area and CA areas shall be uploaded on the e-Green watch portal with all requisite details prior to Stage II approval.	Agreed and Uploaded on the e-Green watch portal
3	As a measure for lowering the dependence of local people on forest extraction for livelihoods/ farmland fencing, etc. and allow the nearby degraded forests to regenerate, horticulture on farmers lands will be promoted. Adequate number of saplings of fruit bearing species shall be raised and distributed to farmers in surrounding village by the forest department at the cost of the User Agency. Assistance under Sub-Mission on Agro-forestry of the Ministry of Agriculture and Farmers' Welfare, Govt of India may also be taken.	Agreed. For lowering dependence of local people on forest extraction number of saplings of fruit bearing species will be raised and distributed . <b>(Undertaking Annexure-2)</b>
4	The areas surrounding the proposed submergence zone supports a wide range of wild animals like hyena, jackal, langoor, fox, hare, blue bull, chinkara etc. Submergence of a large area and construction and maintenance activities will adversely impact the wildlife. The State government will, therefore, prepare	Enclosed WLMP and Cost will be deposited to Forest Department on demand for implementation. <b>(Annexure-3)</b>

	Wildlife Management Plan (WLMP) for wildlife conservation for area around proposed area of diversion, and implement it at the cost of the user agency.	
5	The user agency will ensure free water for the purpose of wildlife and forest management	Agreed, we will ensure free water for the purpose of wildlife and forest management <b>(Undertaking Annexure-4)</b>
6	The User Agency shall transfer online, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2007-FC dated 05.02. 2009. The requisite funds shall be transferred through online portal into Ad-hoc CAMPA account of the State Concerned;	Fund Transferred <b>NPV Amount: Rs 5,78,16,000/-</b> vide E-Cheque No. 521804 dated 01/07/2021 as per DFO letter DM/2021/3001 dated 24/03/2021. (Receipt and Letter Enclosed)
7	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;	Fund Transferred <b>CA Amount: Rs 3,24,96,175/-</b> vide E-Cheque No. 521804 dated 01/07/2021 as per DFO letter DM/2021/3001 dated 24/03/2021. (Receipt and Letter Enclosed)
8	The non-forest land shall be transferred and mutated in favor of Forest Department and notified as Reserved Forest /Protected Forest prior to Stage-II approval. A copy of the original notification declaring the non-forest land under Section 4 or Section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest Act as the case may be, will be submitted by the State Government prior to State-II approval;	Enclosed Notification <b>(Annexure-5)</b>
9	The land identified for the purpose of CA shall be clearly depicted on a Survey of India topo sheet of 1:50,000 scale;	Enclosed <b>(Annexure-6)</b>
10	All the funds received from the user agency under the project shall be transferred/deposited ( <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> ). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance. in CAMPA account only through e-portal	Agreed
11	The compliance report shall be uploaded on e-portal ( <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> ).	Agreed , Will be Uploaded
12	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector;	Agreed, Compliance will be ensured. <b>(Annexure-7)</b>
13	The State Government ensure that the user agency shall implement the R&R Plan as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work. The said R&R Plan will be monitored by with the State Government/ Regional Office of MoEF&CC along indicators for monitoring and expected observable milestones; violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive	Agreed , will be implemented as per guidelines and rules applicable for the project. <b>(Annexure-8)</b>

guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019;	
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**B: Conditions which need to be complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted and compliance is to be submitted prior to Stage-II approval:**

Sl. No.	Description of action to be taken	Action taken
1	Legal status of the diverted forest land shall remain unchanged	Agreed
2	The Compensatory Afforestation shall be taken up by the State Forest Department over 72.0 ha. Non-forest land (Survey No. 66 Min/1, 806, 836/1, Village-Jamgod, Anandpur, Dugriya, Khatambha, District-Dewas and Survey No. 197/2, Village Khatambha, District- Dhar) at the cost of the User Agency. As far as practicable a mixture of local indigenous species will be planted, and monoculture of a species has to be avoided;	Agreed , practicable a mixture of local indigenous species will be planted, and monoculture of a species will be avoided
3	The State Government shall submit certificate, that site for CA is suitable and free from all encroachments and other encumbrances, under the signature not below the rank of Nodal Officer (FCA) in the State Government;	Agreed
4	Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect;	Agreed, Undertaking Enclosed <b>(Undertaking Annexure-9)</b>
5	The User agency shall obtain the Environment Clearance as per the provisions of the Environment (Protection) Act, 1986, if required;	Not Applicable as CCA<2000 ha; as per the provisions of the Environment (Protection) Act, 1986
6	The cost of felling of trees shall be deposited by the User Agency with the State Forest Department;	Agreed
7	The Copy of approved Catchment Area Treatment (CAT) Plan shall be submitted, if applicable and the commensurate cost of CAT plan shall be deposited in the CAMPA account through e-portal;	Agreed <b>(Annexure-10)</b>
8	The State Government shall ensure that the forest land located between FRL and the FRL-4 meters may be afforested by planting appropriate indigenous tree species;	Agreed <b>(Undertaking Annexure-11)</b>
9	The User Agency shall undertake afforestation along the periphery of the reservoir;	Agreed, afforestation along the periphery will be undertaken <b>(Undertaking Annexure-12)</b>
10	The User agency shall provide free water for the forestry related projects;	Agreed, will provide free water for the forestry related projects <b>(Undertaking Annexure-13)</b>
11	Layout plan of the proposal shall not be changed without the prior approval of the Central Government;	Agreed, Layout plan of the proposal will not be changed without the prior approval of the Central Government;

12	No construction of buildings /labour camp/huts shall be allowed on the forest land;	Agreed, No buildings /labour camp/huts will be constructed <b>(Undertaking Annexure-14)</b>
13	The forest land shall not be used for any purpose other than that specified in the proposal and under no circumstances be transferred to any other agency, department or person;	Agreed, will not be transferred to any other agency, department or person; or used for any other purpose <b>(Undertaking Annexure-15)</b>
14	User agency in consultation with the State Forest Department shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird nests artificially made out of eco-friendly materials shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;	Agreed, will create and maintain alternate habitat/home for the avifauna in consultation with the State Forest Department. Eco-friendly materials shall be used. <b>(Undertaking Annexure-16)</b>
15	The user agency shall provide alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	Agreed, will provide alternate fuels to the labourers and workers and avoid damage.
16	Boundary of the forest land proposed to be diverted shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing, distance from pillar to pillar and GPS co-ordinates	Agreed <b>(Undertaking Annexure-17)</b>
17	The State Government shall maintain the character of the projects as an irrigation project and to ensure continued benefit to the farmers in the command area, into more diversion of water from the project for industrial projects will be permitted in future;	Agreed <b>(Undertaking Annexure-18)</b>
18	The user agency shall submit the annual self-compliance report in respect of the above conditions to the State Government, concerned Regional Office and this Ministry by the end of March of every year regularly; and	Agreed, self-compliance shall be submitted regularly
19	Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife shall be carried with by the State Government and user agency;	Agreed, conditions will be fulfilled.
20	The State Government and user agency shall ensure compliance to all conditions stipulated in the Stage-I approval for which undertakings have been obtained from the user agency and also the provisions of all Acts, Rules, Regulations and Guidelines, relevant Hon'ble Court Order (S) and NGT Order (S), if any, pertaining to this project for the time being in force, as applicable to the project.	Agreed

उपरोक्त वर्णित समस्त शर्तों का शर्तवार पालन प्रतिवेदन, आपके कार्यालय को 02 प्रतियों में प्रेषित किया जा रहा है ताकि प्रकरण में द्वितीय चरण स्वीकृति प्राप्त हो सके।



(एल एस जदौन)

कार्यपालन यंत्री


जल संसाधन संभाग देवास

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## UNDERTAKING

For Patpadi Tank Project, Dewas the State government will undertake adequate Soil and Moisture Conservation works in the catchment area (e.g. stop dams, sunken pits, contour trenches, percolation pits, etc.) so that the reservoir gets enough recharge of water and the irrigation efficiency is improved. These works would be in addition to the plantation proposed to be done under CA.

  
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## UNDERTAKING

For Patpadi Tank Project, Dewas we ensure to undertake the measure for lowering the dependence of local people on forest extraction for livelihoods/ farmland fencing, etc. and allow the nearby degraded forests to regenerate, horticulture on farmers lands will be promoted. Adequate number of saplings of fruit bearing species shall be raised and distributed to farmers in surrounding village by the forest department at the cost of the User Agency. Assistance under Sub-Mission on Agro-forestry of the Ministry of Agriculture and Farmers' Welfare, Govt of India may also be taken.

  
(एल एस् जधौन)

कार्यपालन यंत्री  
जल संसाधन संभाग देवास



# Water Resources Department

Government of Madhya Pradesh

## Wildlife Management Plan

### Patpadi Tank Project

*(Forest Land 72 ha.)*

FP/MP/IRRIG/20556/2016

MP Forest

Division :- Dewas



## **INTRODUCTION**

'Wildlife' encompasses both wild animals and plants. Wildlife conservation is not just a strategy aimed at protection of rare, threatened, and endemic biodiversity but is a well-recognised means of achieving ecological security, human wellbeing and sustainable development. Wildlife management is a science and art of maintaining/changing the characteristics and interactions of habitats, wild animal populations and activities of people in order to achieve specific goals of conservation.

The Wildlife Science is of recent origin in India and scientific information base is developing slowly. Wildlife management in India is integral to mainstream forest management, yet, as a resource needing scientific management. Management of wild life is essentially multidisciplinary and the success of strategies lies in ensuring multidisciplinary inputs to the extent needed.

Wildlife conservation aims to prevent the loss in the earth's by taking into consideration ecological principles such as carrying capacity, disturbance, succession and environmental conditions such as physiological geography, pedology and hydrology with the aim of balancing the needs of wildlife with the needs of people.

## **AREA PROFILE**

In Dewas district, the total forest area of the district is 1940.91 Sq.Km. which is 27.6% of the total geographical area. This is almost near to the target mentioned in national and state forest policy. The division is bounded in the north by Shajapur and Ujjain District, in the east Sehore district, in the south Khandwa and Harda district and in the west by Indore, Ujjain, Khargone districts. The forest is scattered in 51 Reserved Forest blocks, 42 Protected Forest blocks and 9 Un classified Forest blocks covering 1798.59 Sq.Km., 140.40 Sq.Km. and 1.92 Sq.Km. digitized area respectively as against 1678.58 Sq.km., 145.90 Sq.Km. and 1.91 Sq.Km. notified area respectively.



Most of the area of the division is hilly. Main hill ranges are Vindhyan, Malwa plateau and Narmada valley. Main geological formations are Deccan trap, Archean, Vindhyan, alluvium and Bijawr. Average rainfall of the district is 942 mm. Average maximum temperature is 42.90C and average minimum temperature is 7.50C.

Most of the area is drained by Narmada, khari, Ghoda pachad, Datuni, Shipra and Kalisind. There are surface fires, indiscriminate grazing and illicit felling every year in the forest areas, which adversely affect the regeneration. Regeneration is almost adequate but most of the regeneration is of coppice origin.

Forests are mainly of southern dry deciduous type, in which teak forest is the main type. Out of the total forest area teak forest covers 93%. In addition to the teak forest, miscellaneous forest covers 4.96%.

The main associates of teak are Dhawda, Lendia, Saja, Moyan, Palas, Tendu, Anjan, Salai etc. Marodphall, Sirali, Ber, Dhudhi etc. are the main species in the undergrowth. The main species in the miscellaneous forests are Dhawda, Anjan, Salai, Moyan, Saja, Khair etc. Misc. forests occur mainly in the valley portion. Out of the total forest cover, 64.02% is stocked, 24.58% is under Stocked, 5.35% is blank, 4.17% is under encroachment and 1.88% is under plantation, Forest villages, Nala bed etc. The main site quality classes are IVa, IVb, Va and Vb. Site Quality III is found in a few small patches.

There are total 12 forest villages in the division. As per age classes most of the area falls under young category. In the division, Punjapura, Udainagar and Bagli ranges consists of degraded Bamboo forests.

अ. क्र.	प्रजाति का नाम	वृक्ष संख्या (प्रति. हं.)	वृक्ष संख्या प्रतिषत
1	सागौन	192.64	51.41
2	लेण्डिया	30.14	8.04
3	पलाश	24.77	6.61
4	धावडा	22.73	6.06
5	तेंदू	22.28	5.94
6	दूधी	17.59	4.69
7	साजा	14.99	4.00
8	अन्जान	5.84	1.56
9	सलई	5.24	1.40
10	अमलतास	3.79	1.01
11	खैर	3.65	0.98
12	मोयन	3.42	0.91
13	अचार	2.54	0.68
14	जमराशी	1.57	0.42
15	महुआ	1.28	0.34
16	बीजा	0.74	0.20
17	आंवला	0.69	0.18
18	हल्दू	0.66	0.18
19	अर्जुन	0.35	0.09
20	बहेडा	0.31	0.08
21	धामन	0.28	0.07
22	फांसी	0.25	0.07
23	चिचवा	0.19	0.05
24	शीशम	0.15	0.04
25	रोहन	0.15	0.04
26	सेमल	0.12	0.03
27	तिन्सा	0.06	0.02
28	घोंट	0.03	0.01
29	कुसुम	0.03	0.01
30	पडार	0.03	0.01
31	बेल	0.03	0.01
32	फारस	0.03	0.01
33	करधई	0.03	0.01
34	अन्य	18.13	4.84
	योग	374.75	100.00

S.L. No.	Local Name	Botanical Name	Total (Family)
1	खरगोश, शशा	Common Indian here	Lepus ruficudatus
2	गिलहरी	The threestriped palm squirrel	Funambulus palmarum
3	गीदड़, सियार	Jackal	Canis aurus
4	चमगादड़	Shortnosed fruit bat	Cynoperus sphinx
5	चूहा	Field rat	Bandicota bengalensis
6	चूहा	Indian bush rat	Bandicota bengalensis
7	चूहा, 'ूस	Indian field mouse	Mus booduga
8	छछूंदर	Grey Musk Shrew	Suncus murinus
9	जंगली बिल्ली	Indian wild dog	Cuon alpines
10	जंगली सुअर, वाराह	Indian wildboar	Sus scrofa
11	नील, नीलगाय, रोझड़ा	Bule bull	Boseaphus tragocamelus
12	नेवला	Common mongoose	Herpetes edwardsi
13	बंदर	Rhesus macaque	Macaca mulata
14	रीछ, भालू	Sloth bear	Mulursus ursinus

15	लकड़बग्गा, जरख	Striped hyaena	Hyaena hyaena
16	लोमड़ी	Indian fox	Vulpoes benegalensis
17	लंगूर	Common langur	Presbytis antellus
18	शाही	India porcupine	Hystrix Indica
19	अबलक, मैना, कावड़ी मैना	Pied muna	Sturnus contra
20	अबाबील, भांडिक	Swallow	Hirundo rustica
21	अंधा बगुला भूरा बगुला	Pond Heron Peddy bird	Ardeoia grayii
22	कठफोड़ा, सोरना पाठी, सुतार	Brown Fish owl	Bubo zylonesis
23	कठफोरिया, मराठा सुतार	Chestnt bellied Nuthatch	Sitta frontalis

24	कबूतर	Blue Rock pigeon	Columba livia
25	कालातीतर राखी तीतर	Gray partridge	Francolinus pondicerianus
26	काला पिद्दा	Pied bush chat	Saxicola caprata
27	किलकिला	White breasted kingfisher	Halcyon smyrnensis
28	किलकिला, कबड्या धीवर	Pied kingfisher	Ceryle rudis
29	कोयल	Koel, cuckoo	Eudynamys scolopaiea
30	कौआ	House crow	Corvus splendens
31	खरपिद्दा, गप्पीदास	Collared bushchat	Saxicola torquata
32	गाय, बगुला	Cattle egret	Bubulcus ibis
33	गौरेया, चिमणी	House sparrow	Passer domesticus
35	गंधारी	Baybacked shrike	Larus vittatus
36	उ'लू उल्लू	Great horned owl Or eagle owl	Bubo bubo
37	चित्ता, फाखता, कवड़ा	Spotted dove	Streptopelia chinensis
38	चिरक	Indian robin	Saxicoloides fulicata
39	छिपक	Common Indian night jar	Caprimulgus asiaticus
40	छोटा किलकिला	Common kingfisher	Alcedo atthis
41	छोटा बगुला, छोटा पिसारी बगला	Little egret	Egretta gazetta
42	जंगली कौआ	Jungle crow	Corvus macrorhynchos
43	टिटिहरी, टिटवी	Redwattled lapwing	Vanellus indicus

S.L. No.	Local Name	Botanical Name	Total (Family)
44	तीतर	Grey Partidge	Francolinus Pondicerianus
45	टुईया तोता, टुईया	Blossomheaded parakeet	Psittacula cyanocephala
46	ढोर फाखता, गैरा होला	Indian Ring dove	Streptopelia decaocto
47	तोता, कीर	Roseringed parakeet	Psittacula krameri
48	दार्जिन, शिंदी	Tailor bird	Orthobomus sutorius
49	देशी मैना	Common Myna	Acridotheres grisea
50	नीलकंठ	Indian Roller or Blue jay	Coracias benghalensis
51	पतिंगा, बेड़ा राधू	Green Bee eater	Merops orientallis
52	फाक्ता	Spotted dove	Sgreptopedia chinensis
53	बटेर	Grey quail	Coturnix coturnix

54	ब्राम्हणी मैना	Grey headed myna	sturnus malalabaricus
55	बुलबुल	Redvented bulbul	Pycnonotus cafer
56	भुजंग, कोतवाल	King crow, black drongo	Dicrurus adsimilis
57	महोका, मोखा भास्राज	Crow pheasant or coucal	Centropus sinensis
58	मोर, मयूर	Common pea fowl	Pavo cristatus
59	शमा, दयाल	Magpie robin	Copsychus Saularis
60	सातभाई	Jungle babbler	Turdoides straitus
61	हुदहुद, हुपू	Hoopoe	Upupa epops
62	अजगर	Python	Python moturus
63	असढिया दबोईया, 'गोड़ा पछाड़	Russell's viper	Vipera russelli
64	कछुआ	Indian starred tortoise	Testudo elegaus
65	कछुआ	The common three keeled land tortoise	Geoemyda trijuga
66	करैत (धारीदार)	Common krait	Bungarus caerulens
67	गिरगिट	Chameleon	Catlotes versicolor
68	गोह, गोयरा	Monitor lizard	Varanus monitor
69	छिपकली	House Lizard	Hemidactylus domesticus
70	छिपकली	Lizard	Hemidactylus flaviviridis
71	धामन	Non-poisonous Snake	Dendrophis pictus
72	धामन	Non-poisonous Snake	Gongylophis conicus
73	धामन	Non-poisonous Snake	Lycoden Aulicus

S.L. No.	Local Name	Botanical Name	Total (Family)
74	धामन	Non-poisonous Snake	Zawenis Mucosus
75	नाग	Cobra	Naja naja
76	गुहेरा	Varanus	Lacerta sp.

## PROJECT SPECIFIC DETAILS

In the project total Forest Area of 71.999 Ha. is involved and covers 2 Ranges in Dewas Division namely: Range Punjapura - Compartment No.- 714,716,717, 718,722,723: 44.808 Ha and Range Udaynagar - Compartment No.- 709: 27.191 Ha. The project has been conceived to irrigation of seven villages of Udaynagar tehsil of 1848 ha. Temporary employment will be generated for people living close vicinity of the project, improve fodder green in area and increase water table of the area.

Proposed Forest Area has density from 0.4 to 0.7 ; Site Quality :IVA, IVB,VA&VB with Teak,Tendu,Palash, Saja Dhawda,Anjan,Moyan,Lendia,etc.species. The wildlife was found in the proposed area- Panther, Hyena, Jackal, Langoor, Fox, Hare, Blue bull, Chinkara, Monkey etc.

The compartments involved are in the following working circles:-

1. **IWC - 709, 723**
2. **SCI - 718,722**
3. **FFP - 716**
4. **RDF - 714,717**

Total Number of marked trees: Teak -5606 and Satakata - 2570 making it a total 8176

Proposed area does not make part of any National Park, Wild life Sanctuary, Tiger Reserve, Biosphere Reserve, Community Reserve, notified Wild life corridor and Eco Sensitive Zone (ESZ).

User agency insure that there will be sufficient safeguards against noise, water and air protection and a safe level for such pollutions will be maintained as per Environment Protection Act, 1984.

### **Measures for protection and conservation of wild life species:**

As already stated, there is neither any Protected areas nor any eco sensitive zone in the proposed area. No direct or indirect evidences of endangered or threatened species has been found. Hence management of wild life outside Protected areas should be applied for which following principles and issues should be addressed.

#### **Protection of wildlife and wildlife offences:**

Wildlife offences are more common in forest outside Protected areas and protection machinery should more focused on movement due to which wildlife offences remain under control. Protection machinery should be strengthening with.

- (i) Protection infrastructure such as vehicles, communication, arms and ammunition.
- (ii) Establishing checking barriers.
- (iii) Installing more watch tower.
- (iv) Effective patrolling.

#### **Reorient Forest Management:**

Outside Protected areas, management usually deals with trees, vegetation and other production activities, therefore key function of wildlife management like - Breeding, Fawning, Roosting, Nesting, Wallowing etc overlooked. These areas need to be carefully surveyed and improvisation should be done.

#### **Maintenance of water sources:**

Water is essential for wildlife. Wild animals require water for drinking, bathing, cooling their body and wallowing large varieties of animal lives in water which is and called aquatic animals. But territorial animals also requires water for their survival. If any area becomes deficient in water, the animal leaves the Place and move to other areas. Suitable management strategy is required to maintain these water source to be a related wild life.

### **Managements of Geographical sites:**

**(a) Gorges and Waterfall**

Gorges and waterfalls are or special significant of different type of animals like tiger, leopard, bear, and hyena Such sites need to be protected.

**(b) Overhangs** -these serve shelter for different animals such as bee hives Gyps, and swallows.

**(c) Cliffs, Talus and ledges.**

There geological structures by micro and macro-fauna and need to sincerely protect against any kind of tree felling, fire, smoke, mining, and encroachment etc.

**(d) Large boulder aggregates**

Large boulder aggregates are found along streams. These are regularly visited by bears, honey badgers, porcupine etc. several species of wildlife (reptiles) lives in these boulder habitat.

**(e) Sandy canals and pits:**

Sandy banksand pits along water bodies provides important resting sites of crocodile and fresh water turtles offer and few species of aquatic birds also use these habitats. These areas need to be strictly protected.

**(f) Earth cutting:**

Several species of birds such as kingfishers bore, burrows make in the earth cutting; these areas need to be protected.

**(g) Salt licks:**

Natural saltlicks are very important sites for most of the herbivores. These areas need to be identified and provided fullest protection.

### **Managements of biological elements large old tree:**

These trees provide shelter to a large number of animals including small mammals, birds, reptiles, insect and other small animals.



**Snag and snag recruits:**

As per the norms of wild life management, 5 tallest and largest tree per hectare well distributed over the area should be retained in forest areas. Such retention is necessary in managing forests where tree are marked for felling.

**Down logs:**

These should be protected as they provide shelter and breeding place for many varieties of animals. They should be protected from fire also.

**Lianas:**

Large woody climber (now cutting restricted in working plans) provides significant micro habitats for several species.

**Fruits bearing trees:**

A large numbers of mammals and birds are fond of eating fruits. Several species of large animals like bear, apps and deer are found associates with some fruit species beside a large number of birds.

**Management of wild animals:**

Officers involved in management should mark areas and make suitable prescriptions for following kind of species:

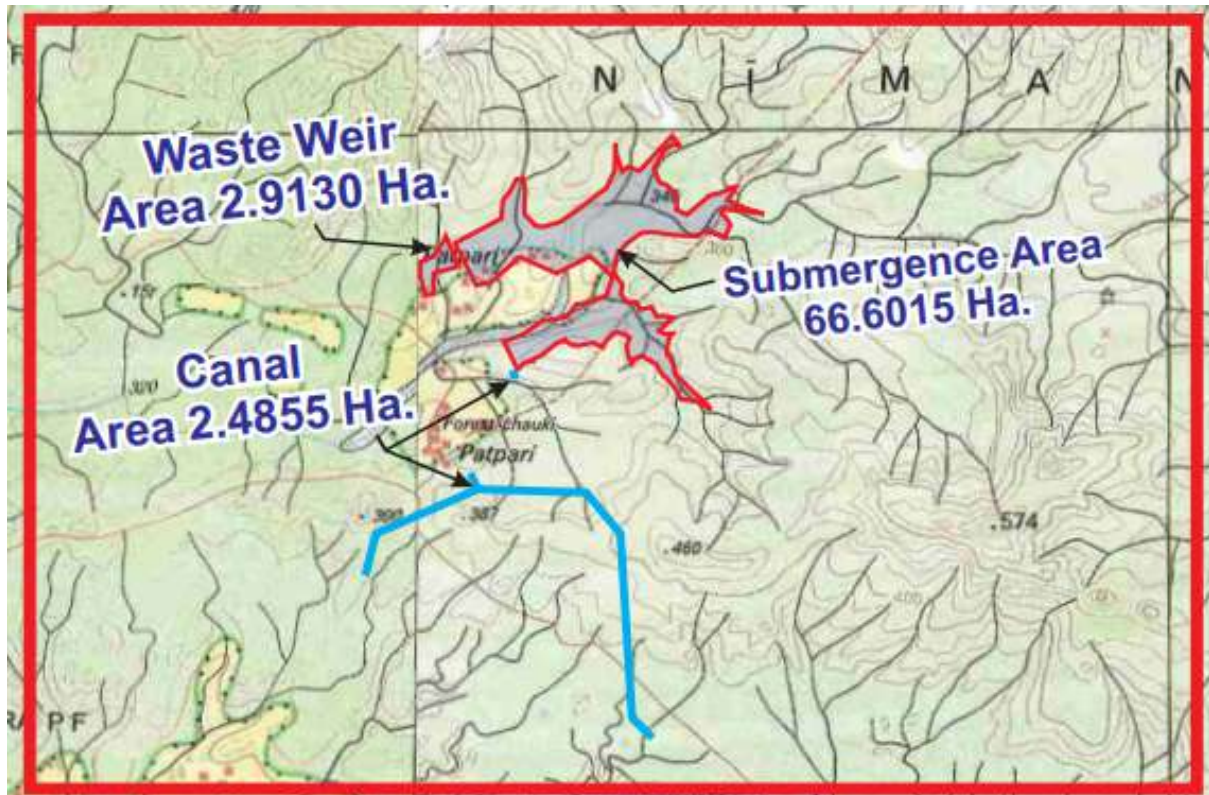
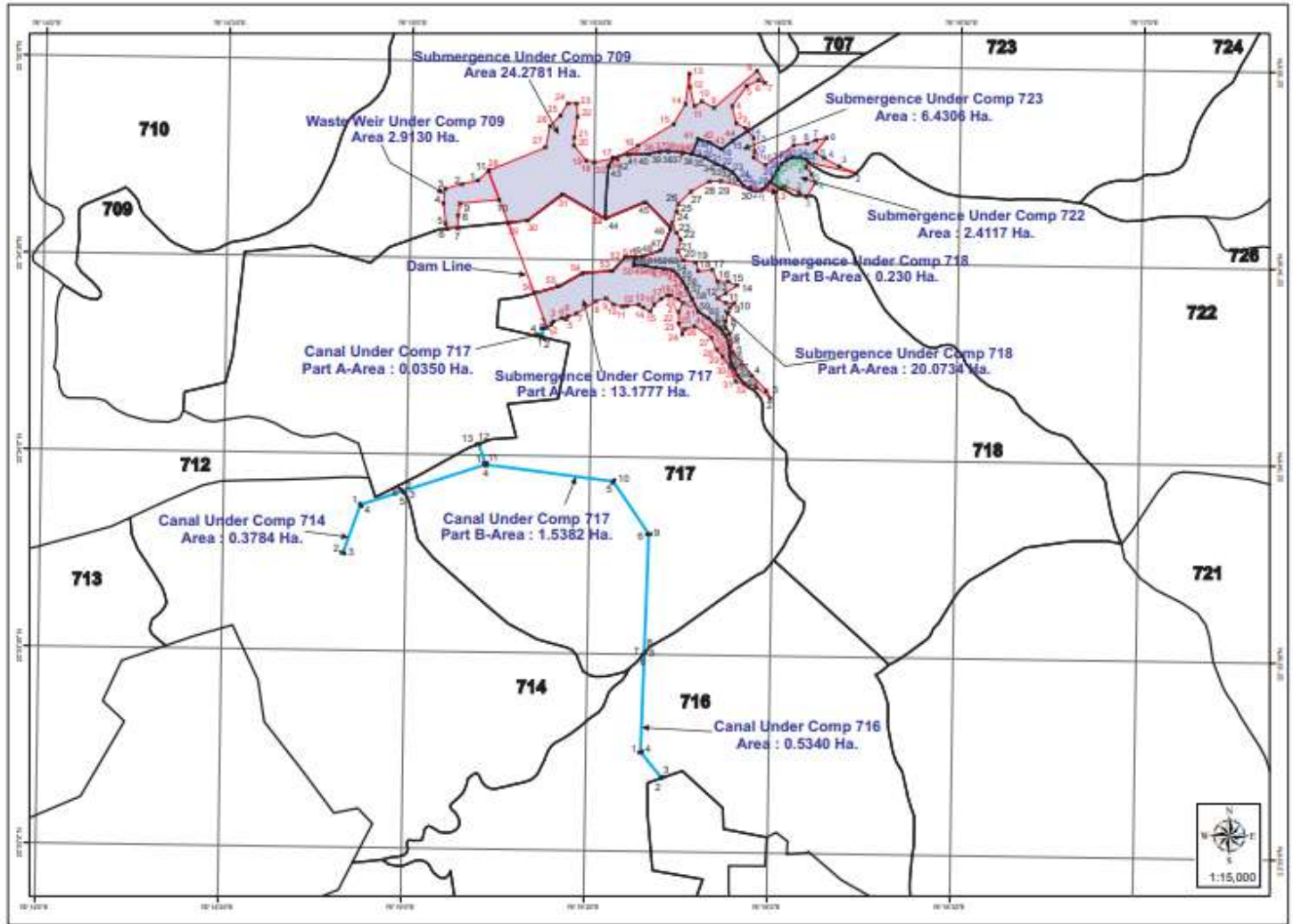
- (1) Threatened endemic and rare species.
- (2) Special habitat species
- (3) Species restricted distribution.
- (4) Flagship Species
- (5) Culturally respected species.

**Ensuring people's support and participation in wildlife conservation:**

National wild life Action Plan observes that winning local support, particularly the youths is imperative for effective conservation species and habitat. It is necessary to undertake awareness promotion, using traditional based programmed about the need and benefit of the nature conservation

**Conservation awareness and education:**

Conservation awareness and education is very important in order to win the support from every nook and corner of out varied society. Conservation education must explain the



वृक्ष प्रजाति		
अ. क्र.	प्रजाति का नाम	वैज्ञानिक नाम
<b>REGIONALLY CRITICALLY ENDANGERED</b> (अत्यंत खतरे में स्थित प्रजातियाँ)		
1	गधापलाश, दही पलाश, दहिमन	<i>Cordia macleodii</i> (Griff.) Hook. f. & Thomson
2	मरकाड़ा, टिटवा, रोली, सोनपाठा	<i>Oroxylum indicum</i> (L.) Venten
3	मौख्रा, पाडर	<i>Stereospermum chelonoides</i> (L.f.) DC.
4	खरीहा, खरसिंगा, गरुड़	<i>Radermachera xylocarpa</i> (Roxb.) K. Schum.
<b>Regionally ENDANGERED</b> (खतरे में स्थित प्रजातियाँ)		
1	भिलमा	<i>Semecarpus anacardium</i> L. fL
2	रोहिना	<i>Soymida febrifuga</i> (Roxb.) A. Juss.
3	शीशम	<i>Dalbergia latifolia</i> Roxb.
4	खटाम्बडा	<i>Spondias pinnata</i> (L. f.) Kurz
<b>Regionally VULNERABLE</b> (खतरे की ओर अग्रसरित प्रजातियाँ)		
1	आंवला	<i>Emblica officinalis</i>
2	बीजा, बिया	<i>Pterocarpus marsupium</i> Roxb.
3	तिनिस, तिन्सा	<i>Ougeinia cordifolia</i> Roxb.
4	हल्दू	<i>Adina cordifolia</i> Roxb.

5	चरोली, चिरोँजी, अचार	<b>Buchanania lanzan Spreng.</b>
6	सीवन, खमेर, गमेर	<b>Gmelina arborea Roxb.</b>
7	बहेड़ा	<b>Terminalia bellerica</b>
8	बरगा, बरेगा, कपसिया	<b>Kydia calycina Roxb.</b>
9	अर्जुन	<b>Terminalia arjuna</b>
10	कुल्लू	<b>Sterculia urens</b>
11	अंजन	<b>Hardwickia binata</b>

**बेला प्रजाति**

अ. क्र.	प्रजाति का नाम	वैज्ञानिक नाम
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**REGIONALLY CRITICALLY ENDANGERED** (अत्यंत खतरे में स्थित प्रजातियाँ)

1	मंजिष्ठा	<b>Rubia manjith Roxb. ex Fleming</b>
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**Regionally ENDANGERED** (खतरे में स्थित प्रजातियाँ)

1	रेडागेडी कलिहारी	<b>Gloriosa superba L.</b>
2	पानी बेल	<b>Cissus repanda vahl.</b>

**Regionally VULNERABLE** (खतरे की ओर अग्रसरित प्रजातियाँ)

1	घुंघची (जरूम, गुंज)	<b>Abrus precatorius L.</b>
2	ईश्वर मूल	<b>Aristolochia L.</b>
3	सेवरा, सतावर	<b>Asparagus racemosus Willd. var. javanicus Baker</b>
4	गुडमार	<b>Gymnema sylvestre (Retz.)</b>
5	विधारी कन्द, पाताल कुम्हडा, छिरबला	<b>Pueraria tuberosa (Roxb. ex Willd.) DC.</b>
6	पलाश बेल	<b>Butea parviflora Roxb.</b>
7	अमरबेल	<b>Cuscuta reflexa Roxb.</b>

**कंद**

अ. क्र.	प्रजाति का नाम	वैज्ञानिक नाम
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**REGIONALLY CRITICALLY ENDANGERED** (अत्यंत खतरे में स्थित प्रजातियाँ)

1	निर्गुण्डी कंद	<b>Alectra parasitica A. Rich subsp. chitrakutensis (Rau) K.K. Khanna &amp;</b>
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**Regionally ENDANGERED (खतरे में स्थित प्रजातियाँ)**

1	केवकंद	<b>Costus speciosus (J. Koenig) Sm</b>
2	सालम मिश्री	<b>Geodorum densiflorum (Lam.)</b>

**Regionally VULNERABLE (खतरे की ओर अग्रसरित प्रजातियाँ)**

1	भर्मी, ब्राह्मी	<b>Centella asiatica (L.) Urban</b>
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झाड़ी

अ. क्र.	प्रजाति का नाम	वैज्ञानिक नाम
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**Regionally ENDANGERED (खतरे में स्थित प्रजातियाँ)**

1	बड़ी डडी, हथफन, हाथीपघा	<b>Leea macrophylla Roxb. ex Hornem</b>
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**महपवदंससल टन्सुठम्।ठस् (खतरे की ओर अग्रसरित प्रजातियाँ)**

1	चितवाल	<b>Plumbago zenlanica L.</b>
2	मकोए	<b>Zizypus oenoplia mill</b>
3	अकारु (आक)	<b>Calotropis gingantea Br.</b>
4	नागफनी	<b>Opantia dillenni Haw.</b>

# वन्यप्राणी विचरण प्रबंधन योजना वर्ष 2022-2023

## प्रथम वर्ष 2022-2023

क्र.	कार्य का नाम	मात्रा	ईकाई	मा.दि./दर	कु.मा.दि.	द.द.	राशि	रिमार्क
1	क्षेत्र सीमांकन	1213	हे.	0.45	हे.	545.85	338	184497.3
2	चारागाह विकास	1	40 हे.		हे.	-		3733840
3	सोसर निर्माण	1	नग		हे.	100000		220000
4	परकोलेशन	4930	प्र.घ.मी.	81.00	प्र.घ.मी.	-	-	399330
5	वनमार्ग मरम्मत	20	कि.मी.	20.00	मा.दि.	400.00	338	135200
6	वॉच टावर निर्माण	2	नग			498000		996000
7	अस्थायी चौकी निर्माण	1				490000		490000
8	पलग, लाईट, बिस्टर, बैटरी व	LS				100000		100000
9	सुरक्षा श्रमिक 3 (12 माह)	3	श्रमिक			8788		316368
10	अन्य आकस्मिक व्यय	LS						50000
11	Rescue हेतु (नेट, पिंजरा, छडी, रस्सी)	LS						300000
12	जागरूकता हेतु (पेम्पलेट, बोर्ड)	LS						50000
	योग							6975235.3

## द्वितीय वर्ष 2023-2024

1	सुरक्षा श्रमिक 3 (12 माह)	3	श्रमिक			9672		348192
2	अन्य आकस्मिक व्यय	LS						50000
	योग							398192

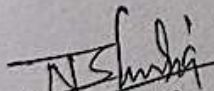
## तृतीय वर्ष 2024-2025

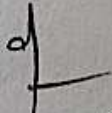
1	सुरक्षा श्रमिक 3 (12 माह)	3	श्रमिक			10634.0		382824
2	अन्य आकस्मिक व्यय	LS						50000
	योग							432824

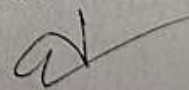
## गोसवारा

1	प्रथम वर्ष					6975235.3		
2	द्वितीय वर्ष					398192		
3	तृतीय वर्ष					432824		
	कुल योग					7806251.3		

कुल राशि रू. 7806251/-

  
वनपरिक्षेत्र अधिकारी  
वनपरिक्षेत्र (क्षे.) पुंजापुरा

  
उप वन मण्डलाधिकारी  
उप वन मण्डल क्षे0 बागली

  
वन संरक्षक  
एवं पदेन वनमण्डलाधिकारी  
वन मण्डल क्षे0 देवास

## कार्यालय वन मण्डल अधिकारी, वन मण्डल (क्षेत्रीय) देवास (म.प्र.)

☎ O: (07272) 253020, R (07272) 252449 Email- dfotdwas@mp.gov.in, dfodewas@rediffmail.com

क्रमांक / DM / 2021 /  
प्रति,

3001

देवास, दिनांक 24-3-2021

कार्य पालन यंत्री  
जल संसाधन विभाग  
संभाग देवास, जिला देवास

विषय :- पटपड़ी तालाब परियोजना में प्रभावित 72.00 हेक्टर वनभूमि स्टेज-1 की स्वीकृति बाबद।

संदर्भ :- आपका पत्र क्रमांक 273/बागली/542 दिनांक 03.03.20 21 एवं भारत सरकार के पर्यावरण, वन विभाग मंत्रालय दिल्ली का पत्र फाईल नं. 8-10/2020/एफ सी दिनांक 02.03.2021।

—00—

विषयांकित प्रकरण में संदर्भित पत्र से भारत सरकार पर्यावरण एवं वन मंत्रालय भोपाल द्वारा सशर्त सैद्धांतिक स्वीकृति जारी की गयी है।

वैकल्पिक वृक्षारोपण एवं NPV की राशि - स्वीकृति में अधिरोपित पार्ट ए शर्त क्रमांक 7 के पालन में मुख्य वन संरक्षक, उज्जैन द्वारा स्वीकृत 11 वर्षीय प्रस्तावित वृक्षारोपण योजना की राशि रु. 3,24,96,175/- (तीन करोड़ चौबीस लाख छियानवे हजार एक सौ पिच्चहत्तर) एवं शर्त क्रमांक 6 के पालन में म.प्र.शासन वन विभाग मंत्रालय (वल्लभ भवन) भोपाल के आदेश दिनांक 12.09.2008 से निर्धारित, ईको वैल्यू श्रेणी के अंतर्गत उष्ण कटिबंधीय शुष्क पर्णपाती वनक्षेत्र का घनत्व (0.5 से 0.7) होने से नेट प्रजेंट वैल्यू की राशि 8.03 लाख पर हेक्टर की राशि निर्धारित की गयी है। विषयांकित योजना में देवास वनमण्डल का 72.00 हेक्टर वनक्षेत्र प्रभावित हो रहा है। जिसके अनुसार कुल राशि  $72.00 \times 8.03 = 5,78,16,000/-$  (पाँच करोड़ अठोत्तर लाख सोलह हजार) राशि भारत सरकार की वेबसाईट [www.forestclearance.nic.in](http://www.forestclearance.nic.in) पर जाकर ई-पोर्टल के माध्यम से एड-हॉक कैम्पा मद में ऑनलाईन जमा करें। राशि हस्तांतरण होने के उपरांत ऑनलाईन जनरेट होने वाले हस्तांतरण संबंधी चालान/रसीद का विवरण आदि से इस वनमंडल कार्यालय को अवगत करावे।

क्र.	अधिरोपित शर्त क्र. पार्ट -ए	विवरण	मद का नाम	आवेदक संस्थान से वसूल की जाने वाली राशि (रूपये में)	
				अंको में	शब्दों में
1	6	नेट प्रजेंट वैल्यू की राशि	कैम्पा	5,78,16,000/-	पाँच करोड़ अठोत्तर लाख सोलह हजार
2	7	वैकल्पिक वृक्षारोपण	कैम्पा	3,24,96,175/-	तीन करोड़ चौबीस लाख छियानवे हजार एक सौ पिच्चहत्तर
कुल राशि				9,03,12,175/-	नौ करोड़ तीन लाख बारह हजार एक सौ पिच्चहत्तर

संदर्भित भारत सरकार की स्वीकृति अनुसार दी गयी शर्तों के पालन में निम्न कार्यों की राशि का आकलन प्रचलित है, पृथक से मांग की जावेगी।

1. केचमेण्ट एरिया ट्रिटमेण्ट प्लान - पार्ट ए शर्त क्र. 1।
2. निजी भूमि पर खड़े वृक्षों के एवज में फलदार वृक्षों की राशि का आकलन - पार्ट ए शर्त क्र. 3।
3. वाईल्ड लाईफ मेनेजमेण्ट प्लान - पार्ट ए शर्त क्र. 4।
4. विदोहन योजना की राशि का आकलन - पार्ट बी शर्त क्र. 6।

वनमण्डलाधिकारी

वनमण्डल(क्षेत्रीय), देवास

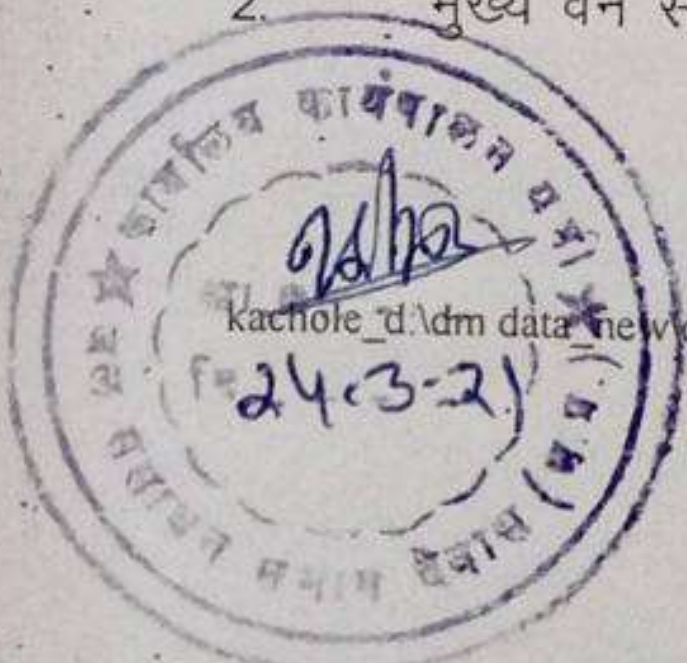
देवास, दिनांक .....

पृ.क्रमांक / DM / 2021 /  
प्रतिलिपि -

1. अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध) म.प्र. भोपाल की ओर सूचनार्थ सादर संप्रेषित।
2. मुख्य वन संरक्षक, उज्जैन वृत्त, उज्जैन की ओर सूचनार्थ संप्रेषित।

वनमण्डलाधिकारी

वनमण्डल(क्षेत्रीय), देवास



kachhole\_d\dm data new\dm letter all\dm letter all 2021.docx131

C.B.V.R no 3 at 1-7-2021

VIDYARTHI

P.W.D. Form No. 28

### HAND RECEIPT

- (1) Name of Payee Madhya Pradesh Compa New Delhi Date.....
- (2) Pay Cash Rs. - Passed for payment of Rs wine Crore
- (3) Pay Cheque Rs 90312175/- three lakhs twelve thousand one hundred
- (4) Paid by me E-cheque no. 521804 at 1-7-2021 seventy five only C.B. Vr. No.

Received from the Executive Engineer Incharge of the Sub-Division Executive Engineer,  
Sub-Divisional Officer, Water Resources Division Water Resources Division  
Dewas (M.P.) Dewas (M.P.)

Name of work of purpose for which payment is made

on all of forest land  
Payment of Patpadi tax 72 Hec as per demand letter of  
DFO (Kshetsiya) Dewas vide his letter no. 201/2021/3001 at 24-3-2021

- (1) Enclosed here with T.D.U.E. copy PAID 1-7-2021  
 Paid by me Rs..... 3 Amount in Vernacular
- (2) Rates are responsible as per current 521804  
 market rates.....  
 Cheque No. 521804
- (3) Entered in.....  
Executive Engineer, Executive Engineer  
Water Resources Division Water Resources Division  
Dewas (M.P.) Dewas (M.P.)
- (4) Ch.....  
Signature of Payee  
Dewas



# कार्यालय कार्यपालन यंत्री जल संसाधन संभाग, देवास (म.प्र.)

Telephone 07272250517 and Email Id-ee wrddewas46@gmail.com

## UNDERTAKING

For Patpadi Tank Project, Dewas we undertake to ensure free water for the purpose of wildlife and forest management



(एल एस जादौन)

कार्यपालन यंत्री

जल संसाधन संभाग देवास

भोपाल, दिनांक 12 सितम्बर 2022

क्रमांक— FOR/9/0010/2022/10-3 :: भारतीय वन अधिनियम 1927 (क्रमांक 16, सन् 1927), की धारा 29 द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए, राज्य शासन, एतद् द्वारा उक्त अधिनियम के अध्याय 4 के प्रावधान/उपबन्धों को नीचे की अनुसूची में उल्लेखित भूमि पर लागू होने की घोषणा, इस शर्त पर करता है कि इस भूमि पर व्यक्तियों या समुदायों के वर्तमान अधिकार, जहां तक कि वे राज्य शासन द्वारा समय-समय पर संशोधित/रूपभेदित किये जायें, के अतिरिक्त, किसी भी रीति में न्यूनीकृत या प्रभावित नहीं किये जायेंगे। यह वनखण्ड 22°59'07.97" से 22°59'34.45" उत्तर अक्षांश तथा 76°09'38.20" से 76°10'15.99" पूर्व देशांश के बीच स्थित है।

अनुसूची

जिला— देवास  
वनमण्डल — देवास

तहसील — देवास  
वन परिक्षेत्र — देवास

अ. क्र.	वनखण्ड की भूमि का विवरण					वनखण्ड की सीमाएँ
	वनखण्ड का नाम	ग्राम का नाम	भूमि का वर्तमान मद	खसरा क्र.	क्षेत्रफल (हेक्टेयर)	
1.	जामगोद	1. जामगोद 2. आनंदपुर डुंगरिया	शा. चरनोई शा. चरनोई	66/मीन-1 836/1	27.560 14.290	उत्तर— प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 01 से 04 तक की कृत्रिम सीमा। पूर्व — प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 04 से 10 तक की कृत्रिम सीमा। दक्षिण— प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 10 से 21 तक की कृत्रिम सीमा। पश्चिम—प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 21 से 01 तक की कृत्रिम सीमा।
वनखण्ड का कुल क्षेत्रफल					41.85	

2.	खटाम्बा	खटाम्बा	शा. चरनोई	197/2	18.390	उत्तर- प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 01 से 02 तक की कृत्रिम सीमा। पूर्व - प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 02 से 06 तक की कृत्रिम सीमा। दक्षिण- प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 06 से 11 तक की कृत्रिम सीमा। पश्चिम-प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 11 से 01 तक की कृत्रिम सीमा।
वनखण्ड का कुल क्षेत्रफल					18.390	
3.	आनंदपुर डुंगरिया अ	आनंदपुर डुंगरिया	शा. चरनोई राजस्व (गैर वनभूमि)	806	11.760 हे.	उत्तर- प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 05 से 12 तक की कृत्रिम सीमा। पूर्व - प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 12 से 14 तक की कृत्रिम सीमा। दक्षिण- प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 14 से 15 तक की कृत्रिम सीमा। पश्चिम-प्रस्तावित संरक्षित वनखंड के मुनारा क्रं. 15 से 05 तक की कृत्रिम सीमा।
वनखण्ड का कुल क्षेत्रफल					11.760	
योग					72.00	

## (क) अधिसूचना प्रकाशन का आधार :-

- पर्यावरण एवं वन मंत्रालय, भारत सरकार के आदेश क्र. 8-10/2020-FC दिनांक 02.03.21 में अधिरोपित शर्त अनुसार जलसंसाधन विभाग, देवास की पटपड़ी तालाब परियोजना में प्रभावित 72.000 हेक्टेयर वनभूमि के एवज में प्राप्त कुल 72.00 हेक्टेयर गैर वनभूमि में से उपरोक्त वर्णित भूमि 72.00 हेक्टेयर को क्षतिपूर्ति वनीकरण के उद्देश्य से मध्यप्रदेश शासन वन विभाग के पक्ष में कलेक्टर जिला देवास के आदेश

क्र. 0021/अ-19(3)/2017-2018 दिनांक 23.03.2018 से 41.85 हेक्टेयर, आदेश क्र. 003/अ-19(3)/2018-2019 दिनांक 04.01.2019 से 18.390 हेक्टेयर एवं आदेश क्र. 0021/अ-19(3)/2017-18 दिनांक 23.03.2018 से 11.760 हेक्टेयर कुल 72.00 हेक्टेयर हस्तांतरित अथवा नामांतरित किये जाने के कारण संरक्षित वन घोषित किया जाना है।

(ख) उपरोक्त भूमि पर सक्षम राजस्व अधिकारी तहसीलदार, तहसील-देवास द्वारा जारी (संलग्न) प्रमाण पत्र अनुसार अभिलेखित अधिकारों का विवरण निम्नानुसार है :-

(अ) व्यक्तिगत अधिकार :- उक्त भूमि पर व्यक्तिगत अधिकार निरंक है।

(ब) सामुदायिक अधिकार :- उक्त भूमि पर व्यक्तिगत अधिकार निरंक है।

अतः उक्त भूमि को भारतीय वन अधिनियम, 1927 की धारा 29 के अंतर्गत संरक्षित वन घोषित किया जाता है।

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,  
अशोक कुमार, अपर सचिव.

भोपाल, दिनांक 12 सितम्बर 2022

एफ-FOR-9-0010-2022-दस-3.—भारत के संविधान के अनुच्छेद 340 के खण्ड (3) के अनुसरण में, इस विभाग की अधिसूचना क्रमांक एफ-FOR-9-0010-2022-दस-3, दिनांक 12 सितम्बर 2022 का अंग्रेजी अनुवाद राज्यपाल के प्राधिकार से एतद्वारा प्रकाशित किया जाता है।

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,  
अशोक कुमार, अपर सचिव.

Bhopal, the 12<sup>th</sup> September 2022

No.- FOR/9/0010/2022/10-3 :: In exercise of the powers conferred by section 29 of the Indian Forest Act, 1927 (XVI of 1927), the State Government is pleased to declare the provisions of chapter IV of the said Act applicable to the forest areas specified in the Schedule below; subject to the condition that the existing rights of individuals or communities in such forests shall not be abridged or affected in any manner except in so far as they may be modified by the State Government from time to time. This Forest Block lies between 22°59'07.97" to 22°59'34.45" North Latitude and 76°09'38.20" to 76°10'15.99" East Longitude.

**SCHEDULE**

**District - Dewas**  
**Forest Division - Dewas**

**Tahsil- Dewas**  
**Forest Range - Dewas**

S. No	Details of Land Included					Forest Block Bouderies
	Name of the Forest Block.	Name of Village	Present head of land	Khasra No.	Area (Hectare)	
1.	Jamgod	1. Jamgod	Charnoi	66/min-1	27.560	North - Artificial Forest boundary from pillar Number 01 to 04 of Proposed protected forest block
		2. Anandpur Dungariya	Charnoi	836/1	14.290	
						South - Artificial Forest boundary from pillar Number 10 to 21 of Proposed protected forest block
						West - Artificial Forest boundary from pillar Number 21 to 01 of Proposed protected forest block
<b>Total area of the block</b>					<b>41.85</b>	

2.	Khatamba	Khatamba	Charnoi	197/2	18.390	North - Artificial Forest boundary from pillar Number 01 to 02 of Proposed protected forest block East - Artificial Forest boundary from pillar Number 02 to 06 of Proposed protected forest block South - Artificial Forest boundary from pillar Number 06 to 11 of Proposed protected forest block West - Artificial Forest boundary from pillar Number 11 to 01 of Proposed protected forest block
<b>Total area of the block</b>					<b>41.85</b>	
3.	Anandpur Dungariya 'A'	Anandpur Dungariya	Charnoi	806	11.760	North - Artificial Forest boundary from pillar Number 05 to 12 of Proposed protected forest block East - Artificial Forest boundary from pillar Number 12 to 14 of Proposed protected forest block South - Artificial Forest boundary from pillar Number 14 to 15 of Proposed protected forest block West - Artificial Forest boundary from pillar Number 15 to 05 of Proposed protected forest block
<b>Total area of the block</b>					<b>41.85</b>	
<b>Total area</b>					<b>72.00</b>	

**(A) Reason for publication of Notification :-**

1. In accordance with the condition laid down in the Ministry of Environment and Forest, Govt. of India's order No. 8-10/2020-FC dated 02.03.2021 and in lieu of 72.00 hectare of forest land affected in Patpadi Tank project of Water Resources Department, Dewas Madhya Pradesh, the above mentioned Non Forest land of 41.85 ha, 18.390 ha. & 11.760 hectare transferred or mutated in favour of Forest Department, Madhya Pradesh Government by order No. 0021/A-19(3)/2017-18 Dated 23.03.2018, Order No. 003/A-19(3)/2018-19 Dated 04.1.2019 & Order No. 0021/A-19(3)/2017-18 Dated 23-03-2018 of Collector Dewas (Revenue Department) for the purpose of compensatory afforestation is to be declared as protected forest.

**(B) Details of recorded rights on the above land as per certificate of Competent of revenue officer Tehsildar Tehsil Dewas are as under.**

1. Individual Rights :- No individuals Rights on Above Land
2. Community Rights :- No Community Rights on Above Land

**Therefore the above land is being declared as protected forest under section 29 of Indian Forest Act 1927.**

By order and in the name of the Governor of Madhya Pradesh,  
ASHOK KUMAR, Addl. Secy.



खसरा

प्ररूप एक (नियम 6 देखिए)

मध्यप्रदेश भू-राजस्व संहिता (भू-सर्वेक्षण तथा भू-अभिलेख) नियम, 2020

ग्राम: आनंदपुर डूंगरिया			पटवारी हल्का: आनंदपुर डूंगरिया			तहसील: देवास			जिला: देवास		वर्ष: 2023-2024
भूमि के भाग की यूनिक आईडी	भूमि के भाग का प्रकार (सर्वेक्षण संख्यांक/ ब्लॉक संख्यांक)	भू-खण्ड संख्यांक(ब्लॉक की दशा में)	1. क्षेत्रफल (हेक्टेयर/वर्ग मीटर में) 2. भूमि उपयोग जिसके लिए निर्धारण किया गया है 3. भू-राजस्व/भू-भाटक (रु. में)	1. भूमिस्वामी का नाम, उसकी माता/ पिता/पति का नाम तथा निवास का पता 2. शासकीय भूमि	प्रत्येक भूमिस्वामी का अंश	1. सरकारी पट्टेदार का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. गट्टे की अवधि 3. पट्टे के अधीन क्षेत्र	मौरुषी कृषक (यदि कोई हो) का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता	भूमि पर विल्लंगम तथा प्रभार 1. बंधक 2. दृष्टिबंधक 3. भू-अर्जन प्रक्रियाधीन	फसल के ब्यौरे फसल 1. खरीफ 2. रबी 3. जायद 4. अन्य	फसल के अधीन क्षेत्रफल	1. भूमि के सिंघाई संबंधी प्राप्ति 2. भूमि पर संरचना /वृक्षा 3. अन्य अभियुक्तियाँ 4. वर्ष के दौरान कॉलम संख्या (1) से (9) तक में प्रविष्टियों में सुधार के आदेश
1	2	3	4	5	6	7	8	9	10	11	12
1420584344	80 (S)		11.7600 हेक्टेयर								कलेक्टर द्वारा प्र. क्र.0021/अ-19(3)/2017-18 एवं आदेश दिनांक 23/03/2018 के अनुसार दिनांक 08/08/2023 को खसरा टिप्पणी में परिवर्तन दर्ज।  मान. तह.महो. के न्या. प्र.क्र.7-अ-6-अ/2011-12 आ.दि. 30-11-11 के आदेश पालन में उर्जा विकास निगम भोपाल की प्रविष्टि दर्ज की गई  माननीय कलेक्टर महोदय के प्रकरण क्रमांक 0021/अ-19(3)/2017-18 दिनांक 23/03/2018 के पालन में पटपट्टी बांध के डूब में आ रही वन भूमि के बदले वैकल्पित वृक्षारोपण हेतु 11.7600 हेक्टेयर भूमि वनविभाग को हस्तांतरित की गयी।
80USAJD9416GH0			रु.0.00								

नोट :-

1. यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
2. इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।
3. डिजिटली साइंड कॉपी के लिए आई. टी. सेंटर से, लोक सेवा केंद्र से, एम. पी. ऑनलाइन से अथवा ऑनलाइन आवेदन करें।
4. प्रविष्टियों में सुधार/संशोधन हेतु संबंधित जिला/तहसील कार्यालय में संपर्क करें।





**खसरा**

प्ररूप एक (नियम 6 देखिए)

मध्यप्रदेश भू-राजस्व संहिता (भू-सर्वेक्षण तथा भू-अभिलेख) नियम, 2020

ग्राम: आनंदपुर डूंगरिया			पटवारी हल्का: आनंदपुर डूंगरिया			तहसील: देवास			जिला: देवास		वर्ष: 2023-2024
भूमि के भाग की यूनिक आईडी	भूमि के भाग का प्रकार (सर्वेक्षण संख्यांक/ब्लॉक संख्यांक)	भू-खण्ड संख्यांक(ब्लॉक की दशा में)	1. क्षेत्रफल (हेक्टेयर/वर्ग मीटर में) 2. भूमि उपयोग जिसके लिए निर्धारण किया गया है 3. भू-राजस्व/भू-भाटक (रु. में)	1. भूमिस्वामी का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. शासकीय भूमि	प्रत्येक भूमिस्वामी का अंश	1. सरकारी पट्टेदार का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. पट्टे की अवधि 3. पट्टे के अधीन क्षेत्र	मौरुषी कृषक (यदि कोई हो) का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता	भूमि पर विल्लंगम तथा प्रभार 1. बंधक 2. दृष्टिबंधक 3. भू-अर्जन प्रक्रियाधीन	फसल के ब्यौरे फसल 1. खरीफ 2. रबी 3. जायद 4. अन्य	फसल के अधीन क्षेत्रफल	1. भूमि के सिंचाई संबंधी प्राप्ति 2. भूमि पर संरचना /वृक्ष 3. अन्य अभियुक्तियाँ 4. वर्ष के दौरान कॉलम संख्या (1) से (9) तक में प्रविष्टियों में सुधार के आदेश
1	2	3	4	5	6	7	8	9	10	11	12
1424986795	835/1 (S)		14.2900 हेक्टेयर								कलेक्टर द्वारा प्र. क्र.0021/अ-19(3)/2017-18 एवं आदेश दिनांक 23/03/2018 के अनुसार दिनांक 08/08/2023 को खसरा टिप्पणी में परिवर्तन दर्ज।  मान. तह. महो. के न्या. प्र. क्र. 7-a-6-a/2011-12 आ. दि. 30-11-11 के आदेश पालन में शास. चरनोई उर्जा विकास नि. भोपाल की प्रविष्टि दर्ज की गई माननीय कलेक्टर महोदय के प्रकरण क्रमांक 0021/अ-19(3)2017-18 दिनांक 23/03/2018 के पालन में पटपडी बांध के डूब में आ रही वनभूमि के बदले विकल्पित वृक्षारोपण हेतु 14.29 हेक्टेयर भूमि वनविभाग को हस्तांतरित की गई
80UTS7D952K6H0			रु.0.00								

नोट :-

1. यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
2. इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।
3. डिजिटली साइंड कॉपी के लिए आई. टी. सेंटर से, लोक सेवा केंद्र से, एम. पी. ऑनलाइन से अथवा ऑनलाइन आवेदन करें।
4. प्रविष्टियों में सुधार/संशोधन हेतु संबंधित जिला/तहसील कार्यालय में संपर्क करें।



**खसरा**

प्ररूप एक (नियम 6 देखिए)

मध्यप्रदेश भू-राजस्व संहिता (भू-सर्वेक्षण तथा भू-अभिलेख) नियम, 2020

ग्राम: खटाम्बा			पटवारी हल्का: खटाम्बा			तहसील: देवास			जिला: देवास		वर्ष: 2023-2024
भूमि के भाग की यूनिक आईडी	भूमि के भाग का प्रकार (सर्वेक्षण संख्यांक/ब्लॉक संख्यांक)	भू-खण्ड संख्यांक(ब्लॉक की दशा में)	1. क्षेत्रफल (हेक्टेयर/वर्ग मीटर में) 2. भूमि उपयोग जिसके लिए निर्धारण किया गया है 3. भू-राजस्व/भू-भाटक (रु. में)	1. भूमिस्वामी का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. शासकीय भूमि	प्रत्येक भूमिस्वामी का अंश	1. सरकारी पट्टेदार का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. पट्टे की अवधि 3. पट्टे के अधीन क्षेत्र	मौरुषी कृषक (यदि कोई हो) का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता	भूमि पर विलिंगम तथा प्रभार 1. बंधक 2. दृष्टिबंधक 3. भू-अर्जन प्रक्रियाधीन	फसल के ब्यौरे फसल 1. खरीफ 2. रबी 3. जायद 4. अन्य	फसल के अधीन क्षेत्रफल	1. भूमि के सिंघाई संबंधी प्राप्ति 2. भूमि पर संरचना /वृक्षा 3. अन्य अभियुक्तियाँ 4. वर्ष के दौरान कॉलम संख्या (1) से (9) तक में प्रविष्टियों में सुधार के आदेश
1	2	3	4	5	6	7	8	9	10	11	12
1200273693	197/2 (S)		1. 9200 हेक्टेयर								कलेक्टर द्वारा प्र. क्र.0003/अ-19(3)/2018-19 एवं आदेश दिनांक04/01/2019के अनुसार दिनांक 08/08/2023 को खसरा टिप्पणी में परिवर्तन दर्ज।
80UP3ED941UPHO			रु.0.00								न्यायालय कलेक्टर जिला देवास के न्यायालयीन राजस्व प्रकरण क्रमांक 0003/अ-19(3)/2018-19 में पारित आदेश दिनांक 04-08-2019 अनुसार भूमि सर्वे नंबर 197/2 रकबा 19.920 हेक्टेयर में से रकबा 12.390 हेक्टेयर भूमि वन विभाग को पटपडी बांध में डूब में आ रही वन भूमि के बदले वैकल्पिक वृक्षारोपण के लिए वन विभाग को हस्तांतरित की गयी

नोट :-

1. यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
2. इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।
3. डिजिटली साइंड कॉपी के लिए आई. टी. सेंटर से, लोक सेवा केंद्र से, एम. पी. ऑनलाइन से अथवा ऑनलाइन आवेदन करें।
4. प्रविष्टियों में सुधार/संशोधन हेतु संबंधित जिला/तहसील कार्यालय में संपर्क करें।



**खसरा**

प्ररूप एक (नियम 6 देखिए)

मध्यप्रदेश भू-राजस्व संहिता (भू-सर्वेक्षण तथा भू-अभिलेख) नियम, 2020

ग्राम:जामगोद			पटवारी हल्का:जामगोद			तहसील:देवास			जिला:देवास		वर्ष: 2023-2024
भूमि के भाग की यूनिक आईडी	भूमि के भाग का प्रकार (सर्वेक्षण संख्यांक/ब्लॉक संख्यांक)	भू-खण्ड संख्यांक(ब्लॉक की दशा में)	1. क्षेत्रफल (हेक्टेयर/वर्ग मीटर में) 2. भूमि उपयोग जिसके लिए निर्धारण किया गया है 3. भू-राजस्व/भू-भाटक (रु. में)	1. भूमिस्वामी का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. शासकीय भूमि	प्रत्येक भूमिस्वामी का अंश	1. सरकारी पट्टेदार का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता 2. पट्टे की अवधि 3. पट्टे के अधीन क्षेत्र	मौरुषी कृषक (यदि कोई हो) का नाम, उसकी माता/पिता/पति का नाम तथा निवास का पता	भूमि पर विलिंगम तथा प्रभार 1. बंधक 2. वृष्टिबंधक 3. भू-अर्जन प्रक्रियाधीन	फसल के ब्यौरे फसल के अपीन क्षेत्रफल 1. खरीफ 2. रबी 3. जायद 4. अन्य	1. भूमि के सिंचाई संबंधी प्राप्ति 2. भूमि पर संरचना /वृक्ष 3. अन्य अभियुक्तियों 4. वर्ष के दौरान कॉलम संख्या (1) से (9) तक में प्रविष्टियों में सुधार के आदेश	
1	2	3	4	5	6	7	8	9	10	11	12
1079524642	66/1 (S)		27.5600 हेक्टेयर वन विभाग 27.5600 अन्य शासकीय विभाग 27.5600 रु.0.00								प्रकरण क्र. 0540/अ-6(अ)/2021-22 आदेश दिनांक 14/12/2021 के अनुसार पूर्व में खसरा नं.66/मिन-1 से 66/1 में परिवर्तित। प्रकरण क्र. 0540/अ-6(अ)/2021-22 आदेश दिनांक 14/12/2021 के अनुसार पूर्व में खसरा नं.66/मिन-1 से 66/1 में परिवर्तित। म प्र उर्जा वि न्यायालय कलेक्टर महोदय देवास के न्यायालयीन प्रकरण क्रमांक 0021/अ-19-3/2017-18 में पारित आदेश दिनांक 16-08-2018 एवं न्या तह देवास के न्या पत्र क्र/1534/री-1/2018 देवास दिनांक 07-09-2018 के पालन में सर्वे नंबर 66/मीन-1 रकबा 27.560 हेक्टेयर भूमि पटपडी बांध की डूब में आ रही वन भूमि के बदले वैकल्पिक वृक्षारोपण के लिए वन विभाग को हस्तांतरित की गयी

नोट :-

1. यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
2. इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।

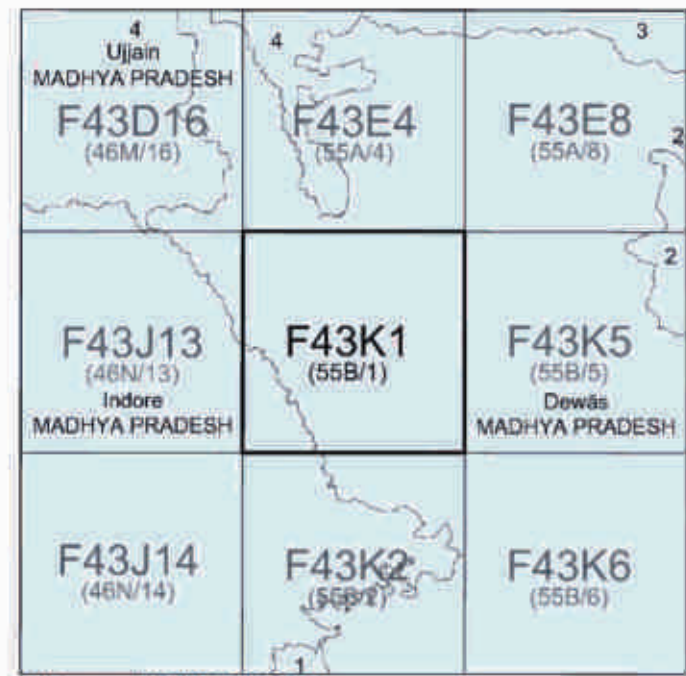


निर्वाण के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F43K1

Scale 1:50,000



1 Khargon, MADHYA PRADESH  
2 Sehore, MADHYA PRADESH  
3 Shajapur, MADHYA PRADESH

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

- Express highway with toll, with bridge, with distance stone
Roads, metalled according to importance
Roads, double carriageway according to importance
Unmetalled road, Cart-track, Pack-track with pass, Foot-path
Streams, with track in bed, undrained Canal
Dams, masonry or rock-filled, earthwork
Water
River, dry with water channel, with sand & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Reeds
Wells, lined, unlined, Tube-well, Spring, Tanks, perennial, dry
Embankments, road or rail, tank, Broken ground
Railways, broad gauge, double, single with station, under constr.
Railways, other gauges, double, single with distance stone, do
Mineral line or tramway, Kin, Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Sand features (Tidal, (2) sand-hills, permanent), (3) dunes/shifting)
Towns or Villages, inhabited, deserted, Fort.
Huts, permanent, temporary, Tower, Antiquities
Temple, Chhatra, Church, Mosque, Igloo, Tomb, Graves
Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage
Mine, Vise on trails, Grass, Scrub
Palms, palmiers, other, Plantain, Coffee, Bamboo, Other trees
Areas: cultivated, wooded, Surveyed tree
Boundary, international
state, demarcated, undemarcated
district, sub-division, taluk or tehsil, forest
Boundary pillars, surveyed, unlocated
Heights, triangulated, station, point, approximate, 200, 200, 200
Bench-mark, geodetic, tertiary, canal, BM 53-3, BM 63-3
Post office, Telegraph office, Overhead tank
Red house or inspection bungalow, Circuit house, Police station
Camping ground, Forest, reserved, protected
Spiced names: administrative, locality or tribal, KKRI, PF, MGA
Hospital, Dispensary, Veterinary, Hospital / Dispensary
Aerodrome, Helipad, Tourist site
Power line, with pylons surveyed, with poles unsurveyed

REFERENCES

NH 2, NH National Highway No. 3 & 6

NOTES

- Heights are in metres and above Indian mean sea level.
Contours are approximate.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
A relative height, e.g., 2, represents the approximate height, in metres, between the top and bottom of a steep slope.

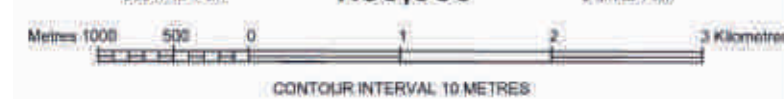
COMPILATION INDEX

A. Surveyed during 1986-87. Updated for major details during 2004-05

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/2 West in 2005. (Decreasing by about 1' annually).

1:50,000



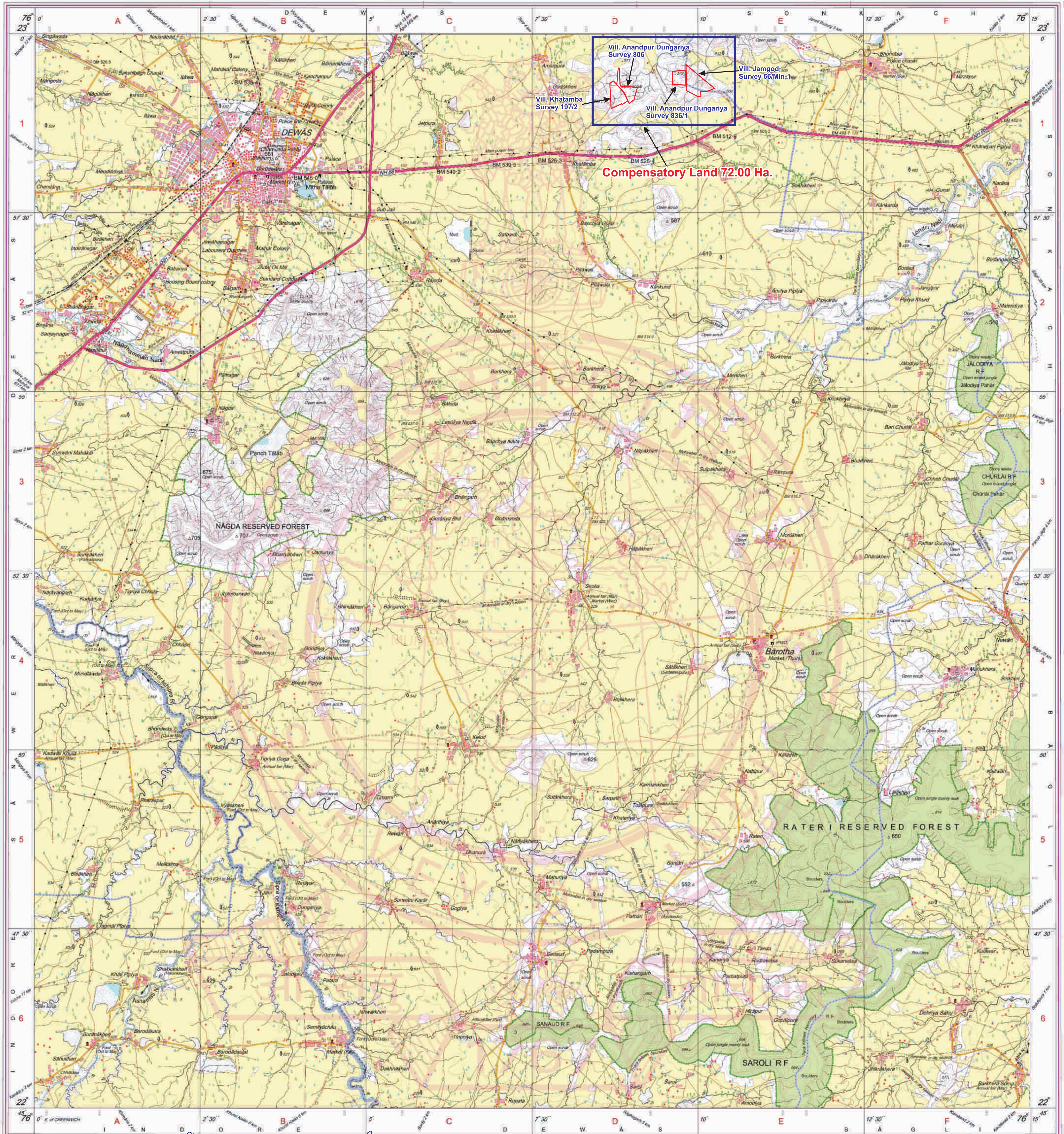
CONTOUR INTERVAL 10 METRES

For further details about the map, please contact Director, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Survey Colony, Vijaynagar, Jabalpur. Fax : 0761 - 2644683

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(Mukesh Kumar Meena) Sub Divisional Officer, Paras Canal Sub Division, Bagli

(Mukesh Chaturvedi) Executive Engineer, Water Resources Division, Dewas

भारत के सर्वेक्षण के विभाग में प्रकाशित, Published under the direction of Surveyor General of India, Survey of India, Hathi Bakala Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand) Department of Science & Technology, Government of India.

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**Form-II**  
**(For project other than linear projects)**  
**Government of Madhya Pradesh**  
**Office of the District Collector District - Dewas**

No. 2243...


Dated. 18.5.17

**TO WHOMSOEVER IT MAY CONCERN**

In compliance of the Ministry of Environment and forest (MoEF), Government of India's letter No. 11-9/98-FC (pt.) Dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidence for having initiated and completed the process of settlement of rights under the scheduled tribes and other traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', For short) on the forest land proposed to be diverted in favour of Water Resources Department (Name of user agency) for Patpadi Tank Project (Purpose for diversion of forest land) in Dewas district falls within jurisdiction Patpadi Village(s) in Udainagar Tehsil.

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 72 hectares of forest land proposed for diversion. A copy records of all consultation and meeting of the forest Rights Committee (s) and the district level committee are enclosed as annexure ... to ...
- (b) The proposal for such diversion (with full details of the project and its implications, in vernacular/local language) have been placed before each concerned Gram Sabha of Forest-Dwellers, who are eligible under the FRA.
- (c) The each of concerned Gram Sabha (s) has certified that all formalities/processes under the FRA have been carried out and that they have given their consent to that proposed the purpose and details of proposed diversion. A copy of certificate issued by the gram sabha of Patpadi (Siwanpani Panchayat) villagers(s) is enclosed as annexure ... to ...
- (d) The discussion and decisions on such proposals had taken pace only when there was quorum of minimum 50% of the members of Gram Sabha present.
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- (f) The rights of primitive tribal Groups and pre-Agricultural Communities, where applicable have been specifically safeguarded as per section 3(1) (e) of the FRA.

Encl. As above

  
18/05/17  
Collector

District - DEWAS

THE RIGHT TO FAIR COMPENSATION AND TRANSPARENCY IN LAND  
ACQUISITION, REHABILITATION AND RESETTLEMENT ACT, 2013

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ARRANGEMENT OF SECTIONS

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THE FIRST SCHEDULE.

THE SECOND SCHEDULE.

THE THIRD SCHEDULE.

THE FOURTH SCHEDULE.

THE RIGHT TO FAIR COMPENSATION AND TRANSPARENCY IN LAND  
ACQUISITION, REHABILITATION AND RESETTLEMENT ACT, 2013

ACT No. 30 OF 2013

[26th September, 2013.]

An Act to ensure, in consultation with institutions of local self-government and Gram Sabhas established under the Constitution, a humane, participative, informed and transparent process for land acquisition for industrialisation, development of essential infrastructural facilities and urbanisation with the least disturbance to the owners of the land and other affected families and provide just and fair compensation to the affected families whose land has been acquired or proposed to be acquired or are affected by such acquisition and make adequate provisions for such affected persons for their rehabilitation and resettlement and for ensuring that the cumulative outcome of compulsory acquisition should be that affected persons become partners in development leading to an improvement in their post acquisition social and economic status and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Sixty-fourth Year of the Republic of India as follows:—

CHAPTER I

PRELIMINARY

**1. Short title, extent and commencement.**—(1) This Act may be called the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.

(2) It extends to the whole of India except the State of Jammu and Kashmir.

(3) It shall come into force on such date<sup>1</sup> as the Central Government may, by notification in the Official Gazette, appoint:

Provided that the Central Government shall appoint such date within three months from the date on which the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Bill, 2013 receives the assent of the President.

**2. Application of Act.**—(1) The provisions of this Act relating to land acquisition, compensation, rehabilitation and resettlement, shall apply, when the appropriate Government acquires land for its own use, hold and control, including for Public Sector Undertakings and for public purpose, and shall include the following purposes, namely:—

(a) for strategic purposes relating to naval, military, air force, and armed forces of the Union, including central paramilitary forces or any work vital to national security or defence of India or State police, safety of the people; or

(b) for infrastructure projects, which includes the following, namely:—

(i) all activities or items listed in the notification of the Government of India in the Department of Economic Affairs (Infrastructure Section) number 13/6/2009-INF, dated the 27th March, 2012, excluding private hospitals, private educational institutions and private hotels;

(ii) projects involving agro-processing, supply of inputs to agriculture, warehousing, cold storage facilities, marketing infrastructure for agriculture and allied activities such as dairy, fisheries, and meat processing, set up or owned by the appropriate Government or by a farmers' cooperative or by an institution set up under a statute;

(iii) project for industrial corridors or mining activities, national investment and

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1. 1st January 2014, *vide* notification No. 3729 (E), dated 19th December, 2013, *see* Gazette of India, Extraordinary, Part II, sec. 3(ii).

manufacturing zones, as designated in the National Manufacturing Policy;

(iv) project for water harvesting and water conservation structures, sanitation;

(v) project for Government administered, Government aided educational and research schemes or institutions;

(vi) project for sports, health care, tourism, transportation or space programme;

(vii) any infrastructure facility as may be notified in this regard by the Central Government and after tabling of such notification in Parliament;

(c) project for project affected families;

(d) project for housing for such income groups, as may be specified from time to time by the appropriate Government;

(e) project for planned development or the improvement of village sites or any site in the urban areas or provision of land for residential purposes for the weaker sections in rural and urban areas;

(f) project for residential purposes to the poor or landless or to persons residing in areas affected by natural calamities, or to persons displaced or affected by reason of the implementation of any scheme undertaken by the Government, any local authority or a corporation owned or controlled by the State.

(2) The provisions of this Act relating to land acquisition, consent, compensation, rehabilitation and resettlement, shall also apply, when the appropriate Government acquires land for the following purposes, namely:—

(a) for public private partnership projects, where the ownership of the land continues to vest with the Government, for public purpose as defined in sub-section (1);

(b) for private companies for public purpose, as defined in sub-section (1):

Provided that in the case of acquisition for—

(i) private companies, the prior consent of at least eighty per cent, of those affected families, as defined in sub-clauses (i) and (v) of clause (c) of section 3; and

(ii) public private partnership projects, the prior consent of at least seventy per cent. of those affected families, as defined in sub-clauses (i) and (v) of clause (c) of section 3,

shall be obtained through a process as may be prescribed by the appropriate Government:

Provided further that the process of obtaining the consent shall be carried out along with the Social Impact Assessment study referred to in section 4:

Provided also that no land shall be transferred by way of acquisition, in the Scheduled Areas in contravention of any law (including any order or judgment of a court which has become final) relating to land transfer, prevailing in such Scheduled Areas.

(3) The provisions relating to rehabilitation and resettlement under this Act shall apply in the cases where,—

(a) a private company purchases land, equal to or more than such limits in rural areas or urban areas, as may be prescribed by the appropriate Government, through private negotiations with the owner of the land in accordance with the provisions of section 46;

(b) a private company requests the appropriate Government for acquisition of a part of an area so prescribed for a public purpose:

Provided that where a private company requests the appropriate Government for partial acquisition of land for public purpose, then, the rehabilitation and resettlement entitlements under the Second Schedule shall be applicable for the entire area which includes the land purchased by the private company and acquired by the Government for the project as a whole.

**3. Definition.**—In this Act, unless the context otherwise requires,—

(a) “Administrator” means an officer appointed for the purpose of rehabilitation and resettlement of affected families under sub-section (1) of section 43;

(b) “affected area” means such area as may be notified by the appropriate Government for the purposes of land acquisition;

(c) “affected family” includes—

(i) a family whose land or other immovable property has been acquired;

(ii) a family which does not own any land but a member or members of such family may be agricultural labourers, tenants including any form of tenancy or holding of usufruct right, share-croppers or artisans or who may be working in the affected area for three years prior to the acquisition of the land, whose primary source of livelihood stand affected by the acquisition of land;

(iii) the Scheduled Tribes and other traditional forest dwellers who have lost any of their forest rights recognised under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) due to acquisition of land;

(iv) family whose primary source of livelihood for three years prior to the acquisition of the land is dependent on forests or water bodies and includes gatherers of forest produce, hunters, fisher folk and boatmen and such livelihood is affected due to acquisition of land;

(v) a member of the family who has been assigned land by the State Government or the Central Government under any of its schemes and such land is under acquisition;

(vi) a family residing on any land in the urban areas for preceding three years or more prior to the acquisition of the land or whose primary source of livelihood for three years prior to the acquisition of the land is affected by the acquisition of such land;

(d) “agricultural land” means land used for the purpose of—

(i) agriculture or horticulture;

(ii) dairy farming, poultry farming, pisciculture, sericulture, seed farming breeding of livestock or nursery growing medicinal herbs;

(iii) raising of crops, trees, grass or garden produce; and

(iv) land used for the grazing of cattle;

(e) “appropriate Government” means,—

(i) in relation to acquisition of land situated within the territory of, a State, the State Government;

(ii) in relation to acquisition of land situated within a Union territory (except Puducherry), the Central Government;

(iii) in relation to acquisition of land situated within the Union territory of Puducherry, the Government of Union territory of Puducherry;

(iv) in relation to acquisition of land for public purpose in more than one State, the Central Government, in consultation with the concerned State Governments or Union territories; and

(v) in relation to the acquisition of land for the purpose of the Union as may be specified by notification, the Central Government:

Provided that in respect of a public purpose in a District for an area not exceeding such as may be notified by the appropriate Government, the Collector of such District shall be deemed to be the appropriate Government;

(f) “Authority” means the Land Acquisition and Rehabilitation and Resettlement Authority established under section 51;

(g) “Collector” means the Collector of a revenue district, and includes a Deputy Commissioner and any officer specially designated by the appropriate Government to perform the functions of a Collector under this Act;

(h) “Commissioner” means the Commissioner for Rehabilitation and Resettlement appointed under sub-section (1) of section 44;

(i) “cost of acquisition” includes—

(i) amount of compensation which includes solatium, any enhanced compensation ordered by the Land Acquisition and Rehabilitation and Resettlement Authority or the Court and interest payable thereon and any other amount determined as payable to the affected families by such Authority or Court;

(ii) demurrage to be paid for damages caused to the land and standing crops in the process of acquisition;

(iii) cost of acquisition of land and building for settlement of displaced or adversely affected families;

(iv) cost of development of infrastructure and amenities at the resettlement areas;

(v) cost of rehabilitation and resettlement as determined in accordance with the provisions of this Act;

(vi) administrative cost,—

(A) for acquisition of land, including both in the project site and out of project area lands, not exceeding such percentage of the cost of compensation as may be specified by the appropriate Government;

(B) for rehabilitation and resettlement of the owners of the land and other affected families whose land has been acquired or proposed to be acquired or other families affected by such acquisition;

(vii) cost of undertaking ‘Social impact Assessment study’;

(j) “company” means—

(i) a company as defined in section 3 of the Companies Act, 1956 (1 of 1956) other than a Government company;

(ii) a society registered under the Societies Registration Act, 1860 (21 of 1860) or under any corresponding law for the time being in force in a State;

(k) “displaced family” means any family, who on account of acquisition of land has to be relocated and resettled from the affected area to the resettlement area;

(l) “entitled to act”, in relation to a person, shall be deemed to include the following persons, namely:—

(i) trustees for other persons beneficially interested with reference to any such case, and that to the same extent as the person beneficially interested could have acted if free from disability;

(ii) the guardians of minors and the committees or managers of lunatics to the same extent as the minors, lunatics or other persons of unsound mind themselves, if free from disability, could have acted:

Provided that the provisions of Order XXXII of the First Schedule to the Code of Civil Procedure, 1908 (5 of 1908) shall, *mutatis mutandis*, apply in the case of persons interested appearing before a Collector or Authority by a next friend, or by a guardian for the case, in proceedings under this Act;

(m) “family” includes a person, his or her spouse, minor children, minor brothers and minor sisters dependent on him:

Provided that widows, divorcees and women deserted by families shall be considered separate families.

*Explanation.*—An adult of either gender with or without spouse or children or dependents shall be considered as a separate family for the purposes of this Act;

(n) “holding of land” means the total land held by a person as an owner, occupant or tenant or otherwise;

(o) “infrastructure project” shall include any one or more of the items specified in clause (b) of sub-section (1) of section 2;

(p) “land” includes benefits to arise out of land, and things attached to the earth or permanently fastened to anything attached to the earth;

(q) “landless” means such persons or class of persons who may be,—

(i) considered or specified as such under any State law for the time being in force; or

(ii) in a case of landless not being specified under sub-clause (i), as may be specified by the appropriate Government;

(r) “land owner” includes any person,—

(i) whose name is recorded as the owner of the land or building or part thereof, in the records of the authority concerned; or

(ii) any person who is granted forest rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) or under any other law for the time being in force; or

(iii) who is entitled to be granted Patta rights on the land under any law of the State including assigned lands; or

(iv) any person who has been declared as such by an order of the court or Authority;

(s) “local authority” includes a town planning authority (by whatever name called) set up under any law for the time being in force, a Panchayat as defined in article 243 and a Municipality as defined in article 243P, of the Constitution;

(t) “marginal farmer” means a cultivator with an un-irrigated land holding up to one hectare or irrigated land holding up to one-half hectare;

(u) “market value” means the value of land determined in accordance with section 26;

(v) “notification” means a notification published in the Gazette of India or, as the case may be, the Gazette of a State and the expression “notify” shall be construed accordingly;

(w) “patta” shall have the same meaning as assigned to it in the relevant Central or State Acts or rules or regulations made thereunder;

(x) “person interested” means—

(i) all persons claiming an interest in compensation to be made on account of the acquisition of land under this Act;

(ii) the Scheduled Tribes and other traditional forest dwellers, who have lost any forest rights recognised under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007);

(iii) a person interested in an easement affecting the land;

(iv) persons having tenancy rights under the relevant State laws including share-croppers by whatever name they may be called; and

(v) any person whose primary source of livelihood is likely to be adversely affected;

(y) “prescribed” means prescribed by rules made under this Act;

(z) “project” means a project for which land is being acquired, irrespective of the number of persons affected;

(za) “public purpose” means the activities specified under sub-section (1) of section 2;

(zb) “Requiring Body” means a company, a body corporate, an institution, or any other organisation or person for whom land is to be acquired by the appropriate Government, and includes the appropriate Government, if the acquisition of land is for such Government either for its own use or for subsequent transfer of such land is for public purpose to a company, body corporate, an institution, or any other organisation, as the case may be, under lease, licence or through any other mode of transfer of land;

(zc) “Resettlement Area” means an area where the affected families who have been displaced as a result of land acquisition are resettled by the appropriate Government;

(zd) “Scheduled Areas” means the Scheduled Areas as defined in section 2 of the Provisions of the Panchayats (Extension to the Scheduled Areas) Act, 1996 (40 of 1996);

(ze) “small farmer” means a cultivator with an un-irrigated land holding up to two hectares or with an irrigated land holding up to one hectare, but more than the holding of a marginal farmer.

## CHAPTER II

### DETERMINATION OF SOCIAL IMPACT AND PUBLIC PURPOSE

#### A.—*PRELIMINARY INVESTIGATION FOR DETERMINATION OF SOCIAL IMPACT AND PUBLIC PURPOSE*

**4. Preparation of Social Impact Assessment study.**—(1) Whenever the appropriate Government intends to acquire land for a public purpose, it shall consult the concerned Panchayat, Municipality or Municipal Corporation, as the case may be, at village level or ward level, in the affected area and carry out a Social Impact Assessment study in consultation with them, in such manner and from such date as may be specified by such Government by notification.

(2) The notification issued by the appropriate Government for commencement of consultation and of the Social Impact Assessment study under sub-section (1) shall be made available in the local language to the Panchayat, Municipality or Municipal Corporation, as the case may be, and in the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil, and shall be published in the affected areas, in such manner as may be prescribed, and uploaded on the website of the appropriate Government:

Provided that the appropriate Government shall ensure that adequate representation has been given to the representatives of Panchayat, Gram Sabha, Municipality or Municipal Corporation, as the case may be, at the stage of carrying out the Social Impact Assessment study:

Provided further that the appropriate Government shall ensure the completion of the Social Impact Assessment study within a period of six months from the date of its commencement.

(3) The Social Impact Assessment study report referred to in sub-section (1) shall be made available to the public in the manner prescribed under section 6.

(4) The Social Impact Assessment study referred to in sub-section (1) shall, amongst other matters, include all the following, namely:—

(a) assessment as to whether the proposed acquisition serves public purpose;

(b) estimation of affected families and the number of families among them likely to be displaced;

(c) extent of lands, public and private, houses, settlements and other common properties likely to be affected by the proposed acquisition;

(d) whether the extent of land proposed for acquisition is the absolute bare- minimum extent needed for the project;



(e) whether land acquisition at an alternate place has been considered and found not feasible;

(f) study of social impacts of the project, and the nature and cost of addressing them and the impact of these costs on the overall costs of the project *vis-a-vis* the benefits of the project:

Provided that Environmental Impact Assessment study, if any, shall be carried out simultaneously and shall not be contingent upon the completion of the Social Impact Assessment study.

(5) While undertaking a Social Impact Assessment study under sub-section (1), the appropriate Government shall, amongst other things, take into consideration the impact that the project is likely to have on various components such as livelihood of affected families, public and community properties, assets and infrastructure particularly roads, public transport, drainage, sanitation, sources of drinking water, sources of water for cattle, community ponds, grazing land, plantations, public utilities such as post offices, fair price shops, food storage godowns, electricity supply, health care facilities, schools and educational or training facilities, anganwadis, children parks, places of worship, land for traditional tribal institutions and burial and cremation grounds.

(6) The appropriate Government shall require the authority conducting the Social Impact Assessment study to prepare a Social Impact Management Plan, listing the ameliorative measures required to be undertaken for addressing the impact for a specific component referred to in sub-section (5), and such measures shall not be less than what is provided under a scheme or programme, in operation in that area, of the Central Government or, as the case may be, the State Government, in operation in the affected area.

**5. Public hearing for Social Impact Assessment.**—Whenever a Social Impact Assessment is required to be prepared under section 4, the appropriate Government shall ensure that a public hearing is held at the affected area, after giving adequate publicity about the date, time and venue for the public hearing, to ascertain the views of the affected families to be recorded and included in the Social Impact Assessment Report.

**6. Publication of Social Impact Assessment study.**—(1) The appropriate Government shall ensure that the Social Impact Assessment study report and the Social Impact Management Plan referred to in sub-section (6) of section 4 are prepared and made available in the local language to the Panchayat, Municipality or Municipal Corporation, as the case may be, and the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil, and shall be published in the affected areas, in such manner as may be prescribed, and uploaded on the website of the appropriate Government.

(2) Wherever Environment Impact Assessment is carried out, a copy of the Social Impact Assessment report shall be made available to the Impact Assessment Agency authorised by the Central Government to carry out environmental impact assessment:

Provided that, in respect of irrigation projects where the process of Environment Impact Assessment is required under the provisions of any other law for the time being in force, the provisions of this Act relating to Social Impact Assessment shall not apply.

#### **B.—APPRAISAL OF SOCIAL IMPACT ASSESSMENT REPORT BY AN EXPERT GROUP**

**7. Appraisal of Social Impact Assessment report by an Expert Group.**—(1) The appropriate Government shall ensure that the Social Impact Assessment report is evaluated by an independent multi-disciplinary Expert Group, as may be constituted by it.

(2) The Expert Group constituted under sub-section (1) shall include the following, namely:—

(a) two non-official social scientists;

(b) two representatives of Panchayat, Gram Sabha, Municipality or Municipal Corporation, as the case may be;

(c) two experts on rehabilitation; and

(d) a technical expert in the subject relating to the project.

(3) The appropriate Government may nominate a person from amongst the members of the Expert Group as the Chairperson of the Group.

(4) If the Expert Group constituted under sub-section (1), is of the opinion that,—

(a) the project does not serve any public purpose; or

(b) the social costs and adverse social impacts of the project outweigh the potential benefits,

it shall make a recommendation within two months from the date of its constitution to the effect that the project shall be abandoned forthwith and no further steps to acquire the land will be initiated in respect of the same:

Provided that the grounds for such recommendation shall be recorded in writing by the Expert Group giving the details and reasons for such decision:

Provided further that where the appropriate Government, inspite of such recommendations, proceeds with the acquisition, then, it shall ensure that its reasons for doing so are recorded in writing.

(5) If the Expert Group constituted under sub-section (1), is of the opinion that,—

(a) the project will serve any public purpose; and

(b) the potential benefits outweigh the social costs and adverse social impacts,

it shall make specific recommendations within two months from the date of its constitution whether the extent of land proposed to be acquired is the absolute bare-minimum extent needed for the project and whether there are no other less displacing options available:

Provided that the grounds for such recommendation shall be recorded in writing by the Expert Group giving the details and reasons for such decision.

(6) The recommendations of the Expert Group referred to in sub-sections (4) and (5) shall be made available in the local language to the Panchayat, Municipality or Municipal Corporation, as the case may be, and the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil, and shall be published in the affected areas, in such manner as may be prescribed and uploaded on the website of the appropriate Government.

**8. Examination of proposals for land acquisition and Social Impact Assessment report by appropriate Government.**—(1) The appropriate Government shall ensure that—

(a) there is a legitimate and *bona fide* public purpose for the proposed acquisition which necessitates the acquisition of the land identified;

(b) the potential benefits and the public purpose referred to in clause (a) shall outweigh the social costs and adverse social impact as determined by the Social Impact Assessment that has been carried out;

(c) only the minimum area of land required for the project is proposed to be acquired;

(d) there is no unutilised land which has been previously acquired in the area;

(e) the land, if any, acquired earlier and remained unutilised, is used for such public purpose and make recommendations in respect thereof.

(2) The appropriate Government shall examine the report of the Collector, if any, and the report of the Expert Group on the Social Impact Assessment study and after considering all the reports, recommend such area for acquisition which would ensure minimum displacement of people, minimum disturbance to the infrastructure, ecology and minimum adverse impact on the individuals affected.

(3) The decision of the appropriate Government shall be made available in the local language to the Panchayat, Municipality or Municipal Corporation, as the case may be, and the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil, and shall be published in the affected areas, in such manner as may be prescribed, and uploaded on the website of the appropriate Government:

Provided that where land is sought to be acquired for the purposes as specified in sub-section (2) of section 2, the appropriate Government shall also ascertain as to whether the prior consent of the affected families as required under the proviso to sub-section (2) of section 2, has been obtained in the manner as may be prescribed.

**9. Exemption from Social Impact Assessment.**—Where land is proposed to be acquired invoking the urgency provisions under section 40, the appropriate Government may exempt undertaking of the Social Impact Assessment study.

### CHAPTER III

#### SPECIAL PROVISION TO SAFEGUARD FOOD SECURITY

**10. Special provision to safeguard food security.**—(1) Save as otherwise provided in sub-section (2), no irrigated multi-cropped land shall be acquired under this Act.

(2) Such land may be acquired subject to the condition that it is being done under exceptional circumstances, as a demonstrable last resort, where the acquisition of the land referred to in sub-section (1) shall, in aggregate for all projects in a district or State, in no case exceed such limits as may be notified by the appropriate Government considering the relevant State specific factors and circumstances.

(3) Whenever multi-crop irrigated land is acquired under sub-section (2), an equivalent area of culturable wasteland shall be developed for agricultural purposes or an amount equivalent to the value of the land acquired shall be deposited with the appropriate Government for investment in agriculture for enhancing food-security.

(4) In a case not falling under sub-section (1), the acquisition of the agricultural land in aggregate for all projects in a district or State, shall in no case exceed such limits of the total net sown area of that district or State, as may be notified by the appropriate Government:

Provided that the provisions of this section shall not apply in the case of projects that are linear in nature such as those relating to railways, highways, major district roads, irrigation canals, power lines and the like.

### CHAPTER IV

#### NOTIFICATION AND ACQUISITION

**11. Publication of preliminary notification and power of officers.**—(1) Whenever, it appears to the appropriate Government that land in any area is required or likely to be required for any public purpose, a notification (hereinafter referred to as preliminary notification) to that effect along with details of the land to be acquired in rural and urban areas shall be published in the following manner, namely:—

(a) in the Official Gazette;

(b) in two daily newspapers circulating in the locality of such area of which one shall be in the regional language;

(c) in the local language in the Panchayat, Municipality or Municipal Corporation, as the case may be and in the offices of the District Collector, the Sub-divisional Magistrate and the Tehsil;

(d) uploaded on the website of the appropriate Government;

(e) in the affected areas, in such manner as may be prescribed.

(2) Immediately after issuance of the notification under sub-section (1), the concerned Gram Sabha or Sabhas at the village level, municipalities in case of municipal areas and the Autonomous Councils in case of the areas referred to in the Sixth Schedule to the Constitution, shall be informed of the contents of the notification issued under the said sub-section in all cases of land acquisition at a meeting called especially for this purpose.

(3) The notification issued under sub-section (1) shall also contain a statement on the nature of the public purpose involved, reasons necessitating the displacement of affected persons, summary of the Social Impact Assessment Report and particulars of the Administrator appointed for the purposes of rehabilitation and resettlement under section 43.

(4) No person shall make any transaction or cause any transaction of land specified in the preliminary notification or create any encumbrances on such land from the date of publication of such

notification till such time as the proceedings under this Chapter are completed:

Provided that the Collector may, on the application made by the owner of the land so notified, exempt in special circumstances to be recorded in writing, such owner from the operation of this sub-section:

Provided further that any loss or injury suffered by any person due to his wilful violation of this provision shall not be made up by the Collector.

(5) After issuance of notice under sub-section (1), the Collector shall, before the issue of a declaration under section 19, undertake and complete the exercise of updating of land records as prescribed within a period of two months.

**12. Preliminary survey of land and power of officers to carry out survey.**—For the purposes of enabling the appropriate Government to determine the extent of land to be acquired, it shall be lawful for any officer, either generally or specially authorised by such Government in this behalf, and for his servants and workmen,—

(a) to enter upon and survey and take levels of any land in such locality;

(b) to dig or bore into the sub-soil;

(c) to do all other acts necessary to ascertain whether the land is adapted for such purpose;

(d) to set out the boundaries of the land proposed to be taken and the intended line of the work (if any) proposed to be made thereon; and

(e) to mark such levels, boundaries and line by placing marks and cutting trenches and where otherwise the survey cannot be completed and the levels taken and the boundaries and line marked, to cut down and clear away any part of any standing crop, fence or jungle:

Provided that no act under clauses (a) to (e) in respect of land shall be conducted in the absence of the owner of the land or in the absence of any person authorised in writing by the owner:

Provided further that the acts specified under the first proviso may be undertaken in the absence of the owner, if the owner has been afforded a reasonable opportunity to be present during the survey, by giving a notice of at least sixty days prior to such survey:

Provided also that no person shall enter into any building or upon any enclosed court or garden attached to a dwelling-house (unless with the consent of the occupier thereof) without previously giving such occupier at least seven days' notice in writing of his intention to do so.

**13. Payment for damage.**—The officer so authorised under section 12 shall at the time of entry under section 12 pay or tender payment for any damage caused, and, in case of dispute as to the sufficiency of the amount so paid or tendered, he shall at once refer the dispute to the decision of the Collector or other chief revenue officer of the district, and such decision shall be final.

**14. Lapse of Social Impact Assessment report.**—Where a preliminary notification under section 11 is not issued within twelve months from the date of appraisal of the Social Impact Assessment report submitted by the Expert Group under section 7, then, such report shall be deemed to have lapsed and a fresh Social Impact Assessment shall be required to be undertaken prior to acquisition proceedings under section 11:

Provided that the appropriate Government, shall have the power to extend the period of twelve months, if in its opinion circumstances exist justifying the same:

Provided further that any such decision to extend the period shall be recorded in writing and the same shall be notified and be uploaded on the website of the authority concerned.

**15. Hearing of objections.**—(1) Any person interested in any land which has been notified under sub-section (1) of section 11, as being required or likely to be required for a public purpose, may within sixty days from the date of the publication of the preliminary notification, object to—

(a) the area and suitability of land proposed to be acquired;

- (b) justification offered for public purpose;
- (c) the findings of the Social Impact Assessment report.

(2) Every objection under sub-section (1) shall be made to the Collector in writing, and the Collector shall give the objector an opportunity of being heard in person or by any person authorised by him in this behalf or by an Advocate and shall, after hearing all such objections and after making such further inquiry, if any, as he thinks necessary, either make a report in respect of the land which has been notified under sub-section (1) of section 11, or make different reports in respect of different parcels of such land, to the appropriate Government, containing his recommendations on the objections, together with the record of the proceedings held by him along with a separate report giving therein the approximate cost of land acquisition, particulars as to the number of affected families likely to be resettled, for the decision of that Government.

(3) The decision of the appropriate Government on the objections made under sub-section (2) shall be final.

**16. Preparation of Rehabilitation and Resettlement Scheme by the Administrator.**—(1) Upon the publication of the preliminary notification under sub-section (1) of section 11 by the Collector, the Administrator for Rehabilitation and Resettlement shall conduct a survey and undertake a census of the affected families, in such manner and within such time as may be prescribed, which shall include—

- (a) particulars of lands and immovable properties being acquired of each affected family;
- (b) livelihoods lost in respect of land losers and landless whose livelihoods are primarily dependent on the lands being acquired;
- (c) a list of public utilities and Government buildings which are affected or likely to be affected, where resettlement of affected families is involved;
- (d) details of the amenities and infrastructural facilities which are affected or likely to be affected, where resettlement of affected families is involved; and
- (e) details of any common property resources being acquired.

(2) The Administrator shall, based on the survey and census under sub-section (1), prepare a draft Rehabilitation and Resettlement Scheme, as prescribed which shall include particulars of the rehabilitation and resettlement entitlements of each land owner and landless whose livelihoods are primarily dependent on the lands being acquired and where resettlement of affected families is involved—

- (i) a list of Government buildings to be provided in the Resettlement Area;
- (ii) details of the public amenities and infrastructural facilities which are to be provided in the Resettlement Area.

(3) The draft Rehabilitation and Resettlement scheme referred to in sub-section (2) shall include time limit for implementing Rehabilitation and Resettlement Scheme.

(4) The draft Rehabilitation and Resettlement scheme referred to in sub-section (2) shall be made known locally by wide publicity in the affected area and discussed in the concerned Gram Sabhas or Municipalities.

(5) A public hearing shall be conducted in such manner as may be prescribed, after giving adequate publicity about the date, time and venue for the public hearing at the affected area:

Provided that in case where an affected area involves more than one Gram Panchayat or Municipality, public hearings shall be conducted in every Gram Sabha and Municipality where more than twenty-five per cent. of land belonging to that Gram Sabha or Municipality is being acquired:

Provided further that the consultation with the Gram Sabha in Scheduled Areas shall be in accordance with the provisions of the Provisions of the Panchayats (Extension to the Scheduled Areas) Act, 1996 (40 of 1996).

(6) The Administrator shall, on completion of public hearing submit the draft Scheme for

Rehabilitation and Resettlement along with a specific report on the claims and objections raised in the public hearing to the Collector.

**17. Review of the Rehabilitation and Resettlement Scheme.**—(1) The Collector shall review the draft Scheme submitted under sub-section (6) of section 16 by the Administrator with the Rehabilitation and Resettlement Committee at the project level constituted under section 45.

(2) The Collector shall submit the draft Rehabilitation and Resettlement Scheme with his suggestions to the Commissioner Rehabilitation and Resettlement for approval of the Scheme.

**18. Approved Rehabilitation and Resettlement Scheme to be made public.**—The Commissioner shall cause the approved Rehabilitation and Resettlement Scheme to be made available in the local language to the Panchayat, Municipality or Municipal Corporation, as the case may be, and the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil, and shall be published in the affected areas, in such manner as may be prescribed, and uploaded on the website of the appropriate Government.

**19. Publication of declaration and summary of Rehabilitation and Resettlement.**—(1) When the appropriate Government is satisfied, after considering the report, if any, made under sub-section (2) of section 15, that any particular land is needed for a public purpose, a declaration shall be made to that effect, along with a declaration of an area identified as the “resettlement area” for the purposes of rehabilitation and resettlement of the affected families, under the hand and seal of a Secretary to such Government or of any other officer duly authorised to certify its orders and different declarations may be made from time to time in respect of different parcels of any land covered by the same preliminary notification irrespective of whether one report or different reports has or have been made (wherever required).

(2) The Collector shall publish a summary of the Rehabilitation and Resettlement Scheme along with declaration referred to in sub-section (1):

Provided that no declaration under this sub-section shall be made unless the summary of the Rehabilitation and Resettlement Scheme is published along with such declaration:

Provided further that no declaration under this sub-section shall be made unless the Requiring Body deposits an amount, in full or part, as may be prescribed by the appropriate Government toward the cost of acquisition of the land:

Provided also that the Requiring Body shall deposit the amount promptly so as to enable the appropriate Government to publish the declaration within a period of twelve months from the date of the publication of preliminary notification under section 11.

(3) In projects where land is acquired in stages, the application for acquisition itself can specify different stages for the rehabilitation and resettlement, and all declarations shall be made according to the stages so specified.

(4) Every declaration referred to in sub-section (1) shall be published in the following manner, namely:—

(a) in the Official Gazette;

(b) in two daily newspapers being circulated in the locality, of such area of which one shall be in the regional language;

(c) in the local language in the Panchayat, Municipality or Municipal Corporation, as the case may be, and in the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil;

(d) uploaded on the website of the appropriate Government;

(e) in the affected areas, in such manner as may be prescribed.

(5) Every declaration referred to in sub-section (1) shall indicate,—

(a) the district or other territorial division in which the land is situated;

(b) the purpose for which it is needed, its approximate area; and

(c) where a plan shall have been made for the land, the place at which such plan may be inspected without any cost.

(6) The declaration referred to in sub-section (1) shall be conclusive evidence that the land is required for a public purpose and, after making such declaration, the appropriate Government may acquire the land in such manner as specified under this Act.

(7) Where no declaration is made under sub-section (1) within twelve months from the date of preliminary notification, then such notification shall be deemed to have been rescinded:

Provided that in computing the period referred to in this sub-section, any period or periods during which the proceedings for the acquisition of the land were held up on account of any stay or injunction by the order of any Court shall be excluded:

Provided further that the appropriate Government shall have the power to extend the period of twelve months, if in its opinion circumstances exist justifying the same:

Provided also that any such decision to extend the period shall be recorded in writing and the same shall be notified and be uploaded on the website of the authority concerned.

**20. Land to be marked out, measured and planned including marking of specific areas.**—The Collector shall thereupon cause the land, unless it has been already marked out under section 12, to be marked out and measured, and if no plan has been made thereof, a plan to be made of the same.

**21. Notice to persons interested.**—(1) The Collector shall publish the public notice on his website and cause public notice to be given at convenient places on or near the land to be taken, stating that the Government intends to take possession of the land, and that claims to compensations and rehabilitation and resettlement for all interests in such land may be made to him.

(2) The public notice referred to in sub-section (1) shall state the particulars of the land so needed, and require all persons interested in the land to appear personally or by agent or advocate before the Collector at a time and place mentioned in the public notice not being less than thirty days and not more than six months after the date of publication of the notice, and to state the nature of their respective interests in the land and the amount and particulars of their claims to compensation for such interests, their claims to rehabilitation and resettlement along with their objections, if any, to the measurements made under section 20.

(3) The Collector may in any case require such statement referred to in sub-section (2) to be made in writing and signed by the party or his agent.

(4) The Collector shall also serve notice to the same effect on the occupier, if any, of such land and on all such persons known or believed to be interested therein, be entitled to act for persons so interested, as reside or have agents authorised to receive service on their behalf, within the revenue district in which the land is situated.

(5) In case any person so interested resides elsewhere, and has no such agent, the Collector shall ensure that the notice shall be sent to him by post in letter addressed to him at his last known residence, address of place or business and also publish the same in at least two national daily newspapers and also on his website.

**22. Power to require and enforce the making of statements as to names and interests.**—(1) The Collector may also require any such person to make or deliver to him, at a time and place mentioned (such time not being less than thirty days after the date of the requisition), a statement containing, so far as may be practicable, the name of every other person possessing any interest in the land or any part thereof as co-proprietor, sub-proprietor, mortgagee, tenant or otherwise, and of the nature of such interest, and of the rents and profits, if any, received or receivable on account thereof for three years next preceding the date of the statement.

(2) Every person required to make or deliver a statement under this section shall be deemed to be legally bound to do so within the meaning of sections 175 and 176 of the Indian Penal Code (45 of 1860).

**23. Enquiry and land acquisition award by Collector.**—On the day so fixed, or on any other day to which the enquiry has been adjourned, the Collector shall proceed to enquire into the objections (if any) which any person interested has stated pursuant to a notice given under section 21, to the measurements made under section 20, and into the value of the land at the date of the publication of the notification, and into the respective interests of the persons claiming the compensation and rehabilitation and resettlement, shall make an award under his hand of—

(a) the true area of the land;

(b) the compensation as determined under section 27 along with Rehabilitation and Resettlement Award as determined under section 31 and which in his opinion should be allowed for the land; and

(c) the apportionment of the said compensation among all the persons known or believed to be interested in the land, or whom, or of whose claims, he has information, whether or not they have respectively appeared before him.

**24. Land acquisition process under Act No. 1 of 1894 shall be deemed to have lapsed in certain cases.**—(1) Notwithstanding anything contained in this Act, in any case of land acquisition proceedings initiated under the Land Acquisition Act, 1894,—

(a) where no award under section 11 of the said Land Acquisition Act has been made, then, all provisions of this Act relating to the determination of compensation shall apply; or

(b) where an award under said section 11 has been made, then such proceedings shall continue under the provisions of the said Land Acquisition Act, as if the said Act has not been repealed.

(2) Notwithstanding anything contained in sub-section (1), in case of land acquisition proceedings initiated under the Land Acquisition Act, 1894 (1 of 1894), where an award under the said section 11 has been made five years or more prior to the commencement of this Act but the physical possession of the land has not been taken or the compensation has not been paid the said proceedings shall be deemed to have lapsed and the appropriate Government, if it so chooses, shall initiate the proceedings of such land acquisition afresh in accordance with the provisions of this Act:

Provided that where an award has been made and compensation in respect of a majority of land holdings has not been deposited in the account of the beneficiaries, then, all beneficiaries specified in the notification for acquisition under section 4 of the said Land Acquisition Act, shall be entitled to compensation in accordance with the provisions of this Act.

**25. Period within which an award shall be made.**—The Collector shall make an award within a period of twelve months from the date of publication of the declaration under section 19 and if no award is made within that period, the entire proceedings for the acquisition of the land shall lapse:

Provided that the appropriate Government shall have the power to extend the period of twelve months if in its opinion, circumstances exist justifying the same:

Provided further that any such decision to extend the period shall be recorded in writing and the same shall be notified and be uploaded on the website of the authority concerned.

**26. Determination of market value of land by Collector.**—(1) The Collector shall adopt the following criteria in assessing and determining the market value of the land, namely:—

(a) the market value, if any, specified in the Indian Stamp Act, 1899 (2 of 1899) for the registration of sale deeds or agreements to sell, as the case may be, in the area, where the land is situated; or

(b) the average sale price for similar type of land situated in the nearest village or nearest vicinity area; or

(c) consented amount of compensation as agreed upon under sub-section (2) of section 2 in case of acquisition of lands for private companies or for public private partnership projects,

whichever is higher:



Provided that the date for determination of market value shall be the date on which the notification has been issued under section 11.

*Explanation 1.*—The average sale price referred to in clause (b) shall be determined taking into account the sale deeds or the agreements to sell registered for similar type of area in the near village or near vicinity area during immediately preceding three years of the year in which such acquisition of land is proposed to be made.

*Explanation 2.*—For determining the average sale price referred to in *Explanation 1*, one-half of the total number of sale deeds or the agreements to sell in which the highest sale price has been mentioned shall be taken into account.

*Explanation 3.*—While determining the market value under this section and the average sale price referred to in *Explanation 1* or *Explanation 2*, any price paid as compensation for land acquired under the provisions of this Act on an earlier occasion in the district shall not be taken into consideration.

*Explanation 4.*—While determining the market value under this section and the average sale price referred to in *Explanation 1* or *Explanation 2*, any price paid, which in the opinion of the Collector is not indicative of actual prevailing market value may be discounted for the purposes of calculating market value.

(2) The market value calculated as per sub-section (1) shall be multiplied by a factor to be specified in the First Schedule.

(3) Where the market value under sub-section (1) or sub-section (2) cannot be determined for the reason that—

(a) the land is situated in such area where the transactions in land are restricted by or under any other law for the time being in force in that area; or

(b) the registered sale deeds or agreements to sell as mentioned in clause (a) of sub-section (1) for similar land are not available for the immediately preceding three years; or

(c) the market value has not been specified under the Indian Stamp Act, 1899 (2 of 1899) by the appropriate authority,

the State Government concerned shall specify the floor price or minimum price per unit area of the said land based on the price calculated in the manner specified in sub-section (1) in respect of similar types of land situated in the immediate adjoining areas:

Provided that in a case where the Requiring Body offers its shares to the owners of the lands (whose lands have been acquired) as a part compensation, for acquisition of land, such shares in no case shall exceed twenty-five per cent, of the value so calculated under sub-section (1) or sub-section (2) or sub-section (3) as the case may be:

Provided further that the Requiring Body shall in no case compel any owner of the land (whose land has been acquired) to take its shares, the value of which is deductible in the value of the land calculated under sub-section (1):

Provided also that the Collector shall, before initiation of any land acquisition proceedings in any area, take all necessary steps to revise and update the market value of the land on the basis of the prevalent market rate in that area:

Provided also that the appropriate Government shall ensure that the market value determined for acquisition of any land or property of an educational institution established and administered by a religious or linguistic minority shall be such as would not restrict or abrogate the right to establish and administer educational institutions of their choice.

**27. Determination of amount of compensation.**—The Collector having determined the market value of the land to be acquired shall calculate the total amount of compensation to be paid to the land owner (whose land has been acquired) by including all assets attached to the land.

**28. Parameters to be considered by Collector in determination of award.**—In determining the amount of compensation to be awarded for land acquired under this Act, the Collector shall take into consideration—

*firstly*, the market value as determined under section 26 and the award amount in accordance with the First and Second Schedules;

*secondly*, the damage sustained by the person interested, by reason of the taking of any standing crops and trees which may be on the land at the time of the Collector's taking possession thereof;

*thirdly*, the damage (if any) sustained by the person interested, at the time of the Collector's taking possession of the land, by reason of severing such land from his other land;

*fourthly*, the damage (if any) sustained by the person interested, at the time of the Collector's taking possession of the land, by reason of the acquisition injuriously affecting his other property, movable or immovable, in any other manner, or his earnings;

*fifthly*, in consequence of the acquisition of the land by the Collector, the person interested is compelled to change his residence or place of business, the reasonable expenses (if any) incidental to such change;

*sixthly*, the damage (if any) *bona fide* resulting from diminution of the profits of the land between the time of the publication of the declaration under section 19 and the time of the Collector's taking possession of the land; and

*seventhly*, any other ground which may be in the interest of equity, justice and beneficial to the affected families.

**29. Determination of value of things attached to land or building.**—(1) The Collector in determining the market value of the building and other immovable property or assets attached to the land or building which are to be acquired, use the services of a competent engineer or any other specialist in the relevant field, as may be considered necessary by him.

(2) The Collector for the purpose of determining the value of trees and plants attached to the land acquired, use the services of experienced persons in the field of agriculture, forestry, horticulture, sericulture, or any other field, as may be considered necessary by him.

(3) The Collector for the purpose of assessing the value of the standing crops damaged during the process of land acquisition, may use the services of experienced persons in the field of agriculture as may be considered necessary by him.

**30. Award of solatium.**—(1) The Collector having determined the total compensation to be paid, shall, to arrive at the final award, impose a “Solatium” amount equivalent to one hundred per cent. of the compensation amount.

*Explanation.*—For the removal of doubts it is hereby declared that solatium amount shall be in addition to the compensation payable to any person whose land has been acquired.

(2) The Collector shall issue individual awards detailing the particulars of compensation payable and the details of payment of the compensation as specified in the First Schedule.

(3) In addition to the market value of the land provided under section 26, the Collector shall, in every case, award an amount calculated at the rate of twelve per cent. per annum on such market value for the period commencing on and from the date of the publication of the notification of the Social Impact Assessment study under sub-section (2) of section 4, in respect of such land, till the date of the award of the Collector or the date of taking possession of the land, whichever is earlier.

## CHAPTER V

### REHABILITATION AND RESETTLEMENT AWARD

**31. Rehabilitation and Resettlement Award for affected families by Collector.**—(1) The Collector shall pass Rehabilitation and Resettlement Awards for each affected family in terms of the entitlements provided in the Second Schedule.

(2) The Rehabilitation and Resettlement Award shall include all of the following, namely:—

- (a) rehabilitation and resettlement amount payable to the family;
- (b) bank account number of the person to which the rehabilitation and resettlement award amount is to be transferred;
- (c) particulars of house site and house to be allotted, in case of displaced families;
- (d) particulars of land allotted to the displaced families;
- (e) particulars of one time subsistence allowance and transportation allowance in case of displaced families;
- (f) particulars of payment for cattle shed and petty shops;
- (g) particulars of one-time amount to artisans and small traders;
- (h) details of mandatory employment to be provided to the members of the affected families;
- (i) particulars of any fishing rights that may be involved;
- (j) particulars of annuity and other entitlements to be provided;
- (k) particulars of special provisions for the Scheduled Castes and the Scheduled Tribes to be provided:

Provided that in case any of the matters specified under clauses (a) to (k) are not applicable to any affected family the same shall be indicated as “not applicable”:

Provided further that the appropriate Government may, by notification increase the rate of rehabilitation and resettlement amount payable to the affected families, taking into account the rise in the price index.

**32. Provision of infrastructural amenities in resettlement area.**—In every resettlement area as defined under this Act, the Collector shall ensure the provision of all infrastructural facilities and basic minimum amenities specified in the Third Schedule.

**33. Corrections to awards by Collector.**—(1) The Collector may at any time, but not later than six months from the date of award or where he has been required under the provisions of this Act to make a reference to the Authority under section 64, before the making of such reference, by order, correct any clerical or arithmetical mistakes in either of the awards or errors arising therein either on his own motion or on the application of any person interested or local authority:

Provided that no correction which is likely to affect prejudicially any person shall be made unless such person has been given a reasonable opportunity of making representation in the matter.

(2) The Collector shall give immediate notice of any correction made in the award so corrected to all the persons interested.

(3) Where any excess amount is proved to have been paid to any person as a result of the correction made under sub-section (1), the excess amount so paid shall be liable to be refunded and in the case of any default or refusal to pay, the same may be recovered, as prescribed by the appropriate Government.

**34. Adjournment of enquiry.**—The Collector may, for any cause he thinks fit, from time to time adjourn the enquiry to a day to be fixed by him.

**35. Power to summon and enforce attendance of witnesses and production of documents.**—For the purpose of enquiries under this Act, the Collector shall have powers to summon and enforce the attendance of witnesses, including the parties interested of any of them, and to compel the production of documents by the same means, and (so far as may be) in the same manner as is provided in the case of a Civil Court under the Code of Civil Procedure, 1908 (5 of 1908).

**36. Power to call for records, etc.**—The appropriate Government may at any time before the award is made by the Collector under section 30 call for any record of any proceedings (whether by way of inquiry or otherwise) for the purpose of satisfying itself as to the legality or propriety of any findings or order passed or as to the regularity of such proceedings and may pass such order or issue such direction in relation thereto as it may think fit:

Provided that the appropriate Government shall not pass or issue any order or direction prejudicial to any person without affording such person a reasonable opportunity of being heard.

**37. Awards of Collector when to be final.**—(1) The Awards shall be filed in the Collector's office and shall, except as hereinafter provided, be final and conclusive evidence, as between the Collector and the persons interested, whether they have respectively appeared before the Collector or not, of the true area and market value of the land and the assets attached thereto, solatium so determined and the apportionment of the compensation among the persons interested.

(2) The Collector shall give immediate notice of his awards to such of the persons interested who are not present personally or through their representatives when the awards are made.

(3) The Collector shall keep open to the public and display a summary of the entire proceedings undertaken in a case of acquisition of land including the amount of compensation awarded to each individual along with details of the land finally acquired under this Act on the website created for this purpose.

**38. Power to take possession of land to be acquired.**—(1) The Collector shall take possession of land after ensuring that full payment of compensation as well as rehabilitation and resettlement entitlements are paid or tendered to the entitled persons within a period of three months for the compensation and a period of six months for the monetary part of rehabilitation and resettlement entitlements listed in the Second Schedule commencing from the date of the award made under section 30:

Provided that the components of the Rehabilitation and Resettlement Package in the Second and Third Schedules that relate to infrastructural entitlements shall be provided within a period of eighteen months from the date of the award:

Provided further that in case of acquisition of land for irrigation or hydel project, being a public purpose, the rehabilitation and resettlement shall be completed six months prior to submergence of the lands acquired.

(2) The Collector shall be responsible for ensuring that the rehabilitation and resettlement process is completed in all its aspects before displacing the affected families.

**39. Additional compensation in case of multiple displacements.**—The Collector shall, as far as possible, not displace any family which has already been displaced by the appropriate Government for the purpose of acquisition under the provisions of this Act, and if so displaced, shall pay an additional compensation equivalent to that of the compensation determined under this Act for the second or successive displacements.

**40. Special powers in case of urgency to acquire land in certain cases.**—(1) In cases of urgency, whenever the appropriate Government so directs, the Collector, though no such award has been made, may, on the expiration of thirty days from the publication of the notice mentioned in section 21, take possession of any land needed for a public purpose and such land shall thereupon vest absolutely in the Government, free from all encumbrances.

(2) The powers of the appropriate Government under sub-section (1) shall be restricted to the minimum area required for the defence of India or national security or for any emergencies arising out of natural calamities or any other emergency with the approval of Parliament:

Provided that the Collector shall not take possession of any building or part of a building under this sub-section without giving to the occupier thereof at least forty-eight hours notice of his intention to do so, or such longer notice as may be reasonably sufficient to enable such occupier to remove his movable property from such building without unnecessary inconvenience.

(3) Before taking possession of any land under sub-section (1) or sub-section (2), the Collector shall tender payment of eighty per cent. of the compensation for such land as estimated by him to the person interested entitled thereto.

(4) In the case of any land to which, in the opinion of the appropriate Government, the provisions of sub-section (1), sub-section (2) or sub-section (3) are applicable, the appropriate Government may direct that any or all of the provisions of Chapter II to Chapter VI shall not apply, and, if it does so direct, a declaration may be made under section 19 in respect of the land at any time after the date of the publication of the preliminary notification under sub-section (1) of section 11.

(5) An additional compensation of seventy-five per cent. of the total compensation as determined under section 27, shall be paid by the Collector in respect of land and property for acquisition of which proceedings have been initiated under sub-section (1) of this section:

Provided that no additional compensation will be required to be paid in case the project is one that affects the sovereignty and integrity of India, the security and strategic interests of the State or relations with foreign States.

**41. Special provisions for Scheduled Castes and Scheduled Tribes.**—(1) As far as possible, no acquisition of land shall be made in the Scheduled Areas.

(2) Where such acquisition does take place it shall be done only as a demonstrable last resort.

(3) In case of acquisition or alienation of any land in the Scheduled Areas, the prior consent of the concerned Gram Sabha or the Panchayats or the autonomous District Councils, at the appropriate level in Scheduled Areas under the Fifth Schedule to the Constitution, as the case may be, shall be obtained, in all cases of land acquisition in such areas, including acquisition in case of urgency, before issue of a notification under this Act, or any other Central Act or a State Act for the time being in force:

Provided that the consent of the Panchayats or the Autonomous Districts Councils shall be obtained in cases where the Gram Sabha does not exist or has not been constituted.

(4) In case of a project involving land acquisition on behalf of a Requiring Body which involves involuntary displacement of the Scheduled Castes or the Scheduled Tribes families, a Development Plan shall be prepared, in such form as may be prescribed, laying down the details of procedure for settling land rights due, but not settled and restoring titles of the Scheduled Tribes as well as the Scheduled Castes on the alienated land by undertaking a special drive together with land acquisition.

(5) The Development Plan shall also contain a programme for development of alternate fuel, fodder and non-timber forest produce resources on non-forest lands within a period of five years, sufficient to meet the requirements of tribal communities as well as the Scheduled Castes.

(6) In case of land being acquired from members of the Scheduled Castes or the Scheduled Tribes, at least one-third of the compensation amount due shall be paid to the affected families initially as first instalment and the rest shall be paid after taking over of the possession of the land.

(7) The affected families of the Scheduled Tribes shall be resettled preferably in the same Scheduled Area in a compact block so that they can retain their ethnic, linguistic and cultural identity.

(8) The resettlement areas predominantly inhabited by the Scheduled Castes and the Scheduled Tribes shall get land, to such extent as may be decided by the appropriate Government free of cost for community and social gatherings.

(9) Any alienation of tribal lands or lands belonging to members of the Scheduled Castes in disregard of the laws and regulations for the time being in force shall be treated as null and void, and in the case of acquisition of such lands, the rehabilitation and resettlement benefits shall be made available to the original tribal land owners or land owners belonging to the Scheduled Castes.

(10) The affected Scheduled Tribes, other traditional forest dwellers and the Scheduled Castes having fishing rights in a river or pond or dam in the affected area shall be given fishing rights in the reservoir area of the irrigation or hydel projects.

(11) Where the affected families belonging to the Scheduled Castes and the Scheduled Tribes are relocated outside of the district, then, they shall be paid an additional twenty-five per cent. rehabilitation and resettlement benefits to which they are entitled in monetary terms along with a one-time entitlement of fifty thousand rupees.

**42. Reservation and other benefits.**—(1) All benefits, including the reservation benefits available to the Scheduled Tribes and the Scheduled Castes in the affected areas shall continue in the resettlement area.

(2) Whenever the affected families belonging to the Scheduled Tribes who are residing in the Scheduled Areas referred to in the Fifth Schedule or the tribal areas referred to in the Sixth Schedule to the Constitution are relocated outside those areas, then, all the statutory safeguards, entitlements and benefits being enjoyed by them under this Act shall be extended to the area to which they are resettled regardless of whether the resettlement area is a Scheduled Area referred to in the said Fifth Schedule, or a tribal area referred to in the said Sixth Schedule, or not.

(3) Where the community rights have been settled under the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007), the same shall be quantified in monetary amount and be paid to the individual concerned who has been displaced due to the acquisition of land in proportion with his share in such community rights.

## CHAPTER VI

### PROCEDURE AND MANNER OF REHABILITATION AND RESETTLEMENT

**43. Appointment of Administrator.**—(1) Where the appropriate Government is satisfied that there is likely to be involuntary displacement of persons due to acquisition of land, then, the State Government shall, by notification, appoint in respect of that project, an officer not below the rank of Joint Collector or Additional Collector or Deputy Collector or equivalent official of Revenue Department to be the Administrator for Rehabilitation and Resettlement.

(2) The Administrator shall, with a view to enable him to function efficiently and to meet the special time-frame, be provided with such powers, duties and responsibilities as may be prescribed by the appropriate Government and provided with office infrastructure and be assisted by such officers and employees who shall be subordinate to him as the appropriate Government may decide.

(3) Subject to the superintendence, directions and control of the appropriate Government and the Commissioner for Rehabilitation and Resettlement, the formulation, execution and monitoring of the Rehabilitation and Resettlement Scheme shall vest in the Administrator.

**44. Commissioner for rehabilitation and resettlement.**—(1) The State Government shall appoint an officer of the rank of Commissioner or Secretary of that Government for rehabilitation and resettlement of affected families under this Act, to be called the Commissioner for Rehabilitation and Resettlement.

(2) The Commissioner shall be responsible for supervising the formulation of rehabilitation and resettlement schemes or plans and proper implementation of such schemes or plans.

(3) The Commissioner shall be responsible for the post-implementation social audit in consultation with the Gram Sabha in rural areas and municipality in urban areas.

**45. Rehabilitation and resettlement committee at project level.**—(1) Where land proposed to be acquired is equal to or more than one hundred acres, the appropriate Government shall constitute a Committee under the chairmanship of the Collector to be called the Rehabilitation and Resettlement Committee, to monitor and review the progress of implementation of the Rehabilitation and Resettlement scheme and to carry out post-implementation social audits in consultation with the Gram Sabha in rural areas and municipality in urban areas.

(2) The Rehabilitation and Resettlement Committee shall include, apart from officers of the

appropriate Government, the following members, namely:—

- (a) a representative of women residing in the affected area;
- (b) a representative each of the Scheduled Castes and the Scheduled Tribes residing in the affected area;
- (c) a representative of a voluntary organisation working in the area;
- (d) a representative of a nationalised bank;
- (e) the Land Acquisition Officer of the project;
- (f) the Chairpersons of the panchayats or municipalities located in the affected area or their nominees;
- (g) the Chairperson of the District Planning Committee or his nominee;
- (h) the Member of Parliament and Member of the Legislative Assembly of the concerned area or their nominees;
- (i) a representative of the Requiring Body; and
- (j) Administrator for Rehabilitation and Resettlement as the Member-Convenor.

(3) The procedure regulating the discharge of the process given in this section and other matters connected thereto of the Rehabilitation and Resettlement Committee shall be such as may be prescribed by the appropriate Government.

**46. Provisions relating to rehabilitation and resettlement to apply in case of certain persons other than specified persons.**—(1) Where any person other than a specified person is purchasing land through private negotiations for an area equal to or more than such limits, as may be notified by the appropriate Government, considering the relevant State specific factors and circumstances, for which the payment of Rehabilitation and Resettlement Costs under this Act is required, he shall file an application with the District Collector notifying him of—

- (a) intent to purchase;
- (b) purpose for which such purchase is being made;
- (c) particulars of lands to be purchased.

(2) It shall be the duty of the Collector to refer the matter to the Commissioner for the satisfaction of all relevant provisions under this Act related to rehabilitation and resettlement.

(3) Based upon the Rehabilitation and Resettlement Scheme approved by the Commissioner as per the provisions of this Act, the Collector shall pass individual awards covering Rehabilitation and Resettlement entitlements as per the provisions of this Act.

(4) No land use change shall be permitted if rehabilitation and resettlement is not complied with in full.

(5) Any purchase of land by a person other than specified persons without complying with the provisions of Rehabilitation and Resettlement Scheme shall be void *ab initio*:

Provided that the appropriate Government may provide for rehabilitation and resettlement provisions on sale or purchase of land in its State and shall also fix the limits or ceiling for the said purpose.

(6) If any land has been purchased through private negotiations by a person on or after the 5th day of September, 2011, which is more than such limits referred to in sub-section (1) and, if the same land is acquired within three years from the date of commencement of this Act, then, forty per cent. of the compensation paid for such land acquired shall be shared with the original land owners.

*Explanation.*—For the purpose of this section, the expression—

- (a) “original land owner” refers to the owner of the land as on the 5th day of September, 2011;

(b) “specified persons” includes any person other than—

(i) appropriate Government;

(ii) Government company;

(iii) association of persons or trust or society as registered under the Societies Registration Act, 1860 (21 of 1860), wholly or partially aided by the appropriate Government or controlled by the appropriate Government.

**47. Quantification and deposit of rehabilitation and resettlement amount.**—Where the Collector is of the view that the obligations of the Requiring Body with regard to rehabilitation and resettlement can be quantified into monetary amount, he shall allow the payment of such amount into an account in complete satisfaction of such obligations, which shall be administered by the Administrator appointed under section 43, under the supervision of the Collector.

## CHAPTER VII

### NATIONAL MONITORING COMMITTEE FOR REHABILITATION AND RESETTLEMENT

**48. Establishment of National Monitoring Committee for rehabilitation and resettlement.**—(1) The Central Government may, whenever necessary, for national or inter-State projects, constitute a National Monitoring Committee for reviewing and monitoring the implementation of rehabilitation and resettlement schemes or plans under this Act.

(2) The Committee may, besides having representation of the concerned Ministries and Departments of the Central and State Governments, associate with it eminent experts from the relevant fields.

(3) The procedures to be followed by the Committee and the allowances payable to the experts shall be such as may be prescribed.

(4) The Central Government shall provide officers and other employees to the Committee necessary for its efficient functioning.

**49. Reporting requirements.**—The States and Union territories shall provide all the relevant information on the matters covered under this Act, to the National Monitoring Committee in a regular and timely manner, and also as and when required.

**50. Establishment of State Monitoring Committee for rehabilitation and resettlement.**—(1) The State Government shall constitute a State Monitoring Committee for reviewing and monitoring the implementation of rehabilitation and resettlement schemes or plans under this Act.

(2) The Committee may, besides having representatives of the concerned Ministries and Departments of the State Government, associate with it eminent experts from the relevant fields.

(3) The procedures to be followed by the Committee and the allowances payable to the experts shall be such as may be prescribed by the State.

(4) The State Government shall provide such officers and other employees to the Committee as may be necessary for its efficient functioning.

## CHAPTER VIII

### ESTABLISHMENT OF LAND ACQUISITION, REHABILITATION AND RESETTLEMENT AUTHORITY

**51. Establishment of Land Acquisition, Rehabilitation and Resettlement Authority.**—(1) The appropriate Government shall, for the purpose of providing speedy disposal of disputes relating to land acquisition, compensation, rehabilitation and resettlement, establish, by notification, one or more Authorities to be known as “the Land Acquisition, Rehabilitation and Resettlement Authority” to exercise jurisdiction, powers and authority conferred on it by or under this Act.

(2) The appropriate Government shall also specify in the notification referred to in sub-section (1) the areas within which the Authority may exercise jurisdiction for entertaining and deciding the references made to it under section 64 or applications made by the applicant under second proviso to



sub-section (1) of section 64.

**52. Composition of Authority.**—(1) The Authority shall consist of one person only (hereinafter referred to as the Presiding Officer) to be appointed, by notification, by the appropriate Government.

(2) Notwithstanding anything contained in sub-section (1), the appropriate Government may authorise the Presiding Officer of one Authority to discharge also the functions of the Presiding Officer of another Authority.

**53. Qualifications for appointment as Presiding Officer.**—(1) A person shall not be qualified for appointment as the Presiding Officer of an Authority unless,—

(a) he is or has been a District Judge; or

(b) he is a qualified legal practitioner for not less than seven years.

(2) A Presiding Officer shall be appointed by the appropriate Government in consultation with the Chief Justice of a High Court in whose jurisdiction the Authority is proposed to be established.

**54. Terms of office of Presiding Officer.**—The Presiding Officer of an Authority shall hold office for a term of three years from the date on which he enters upon his office or until he attains the age of sixty-five years, whichever is earlier.

**55. Staff of Authority.**—(1) The appropriate Government shall provide the Authority with a Registrar and such other officers and employees as that Government may think fit.

(2) The Registrar and other officers and employees of an Authority shall discharge their functions under the general superintendence of the Presiding Officer.

(3) The salaries and allowances and other conditions of service of the Registrar and other officers and employees of an Authority shall be such as may be prescribed.

**56. Salary and allowances and other terms and conditions of service of Presiding Officers.**—The salary and allowances payable to and the other terms and conditions of service (including pension, gratuity and other retirement benefits) of the Presiding Officer of an Authority, shall be such as may be prescribed:

Provided that neither the salary and allowances nor the other terms and conditions of service of the said Presiding Officers shall be varied to their disadvantage after appointment.

**57. Filling up of vacancies.**—If, for any reason other than temporary absence, any vacancy occurs in the office of the Presiding Officer of an Authority then the appropriate Government shall appoint another person in accordance with the provisions of this Act to fill the vacancy and the proceedings may be continued before the Authority from the stage at which the vacancy is filled.

**58. Resignation and removal.**—(1) The Presiding Officer of an Authority may, by notice in writing under his hand addressed to the appropriate Government, resign his office:

Provided that the Presiding Officer shall, unless he is permitted by the appropriate Government to relinquish his office sooner, continue to hold office until the expiry of three months from the date of receipt of such notice or until a person duly appointed as his successor enters upon his office or until the expiry of his term of office, whichever is earlier.

(2) The Presiding Officer of an Authority shall not be removed from his office except by an order made by the appropriate Government on the ground of proven misbehaviour or incapacity after inquiry in the case of the Presiding Officer of an Authority made by a Judge of a High Court in which the Presiding Officer concerned has been informed of the charges against him and given a reasonable opportunity of being heard in respect of these charges.

(3) The appropriate Government may, by rules, regulate the procedure for the investigation of misbehaviour or incapacity of the aforesaid Presiding Officer.

**59. Orders constituting Authority to be final and not to invalidate its proceedings.**—No order of the appropriate Government appointing any person as the Presiding Officer of an Authority shall be called in question in any manner, and no act or proceeding before an Authority shall be called in

question in any manner on the ground merely of any defect in the constitution of an Authority.

**60. Powers of Authority and procedure before it.**—(1) The Authority shall, for the purposes of its functions under this Act, shall have the same powers as are vested in a civil court under the Code of Civil Procedure, 1908 (5 of 1908) in respect of the following matters, namely:—

- (a) summoning and enforcing the attendance of any person and examining him on oath;
- (b) discovery and production of any document or other material object producible as evidence;
- (c) receiving evidence on affidavits;
- (d) requisitioning of any public record;
- (e) issuing commission for the examination of witnesses;
- (f) reviewing its decisions, directions and orders;
- (g) any other matter which may be prescribed.

(2) The Authority shall have original jurisdiction to adjudicate upon every reference made to it under section 64.

(3) The Authority shall not be bound by the procedure laid down in the Code of Civil Procedure, 1908 (5 of 1908) but shall be guided by the principles of natural justice and subject to the other provisions of this Act and of any rules made thereunder, the Authority shall have the power to regulate its own procedure.

(4) The Authority shall, after receiving reference under section 64 and after giving notice of such reference to all the parties concerned and after affording opportunity of hearing to all parties, dispose of such reference within a period of six months from the date of receipt of such reference and make an award accordingly.

(5) The Authority shall arrange to deliver copies of the award to the parties concerned within a period of fifteen days from the date of such award.

**61. Proceedings before Authority to be judicial proceedings.**—All proceedings before the Authority shall be deemed to be judicial proceedings within the meaning of sections 193 and 228 of the Indian Penal Code (45 of 1860) and the Authority shall be deemed to be a civil court for the purposes of sections 345 and 346 of the Code of Criminal Procedure, 1973 (2 of 1974).

**62. Members and officers of Authority to be public servants.**—The Member and officers of the Authority shall be deemed to be public servants within the meaning of section 21 of the Indian Penal Code (45 of 1860).

**63. Jurisdiction of civil courts barred.**—No civil court (other than High Court under article 226 or article 227 of the Constitution or the Supreme Court) shall have jurisdiction to entertain any dispute relating to land acquisition in respect of which the Collector or the Authority is empowered by or under this Act, and no injunction shall be granted by any court in respect of any such matter.

**64. Reference to Authority.**—(1) Any person interested who has not accepted the award may, by written application to the Collector, require that the matter be referred by the Collector for the determination of the Authority, as the case may be, whether his objection be to the measurement of the land, the amount of the compensation, the person to whom it is payable, the rights of Rehabilitation and Resettlement under Chapters V and VI or the apportionment of the compensation among the persons interested:

Provided that the Collector shall, within a period of thirty days from the date of receipt of application, make a reference to the appropriate Authority:

Provided further that where the Collector fails to make such reference within the period so specified, the applicant may apply to the Authority, as the case may be, requesting it to direct the Collector to make the reference to it within a period of thirty days.

(2) The application shall state the grounds on which objection to the award is taken:

Provided that every such application shall be made—

(a) person making it was present or represented before the Collector at the time when he made his award, within six weeks from the date of the Collector's award;

(b) in other cases, within six weeks of the receipt of the notice from the Collector under section 21, or within six months from the date of the Collector's award, whichever period shall first expire:

Provided further that the Collector may entertain an application after the expiry of the said period, within a further period of one year, if he is satisfied that there was sufficient cause for not filing it within the period specified in the first proviso.

**65. Collector's statement to Authority.**—(1) In making the reference, the Collector shall state for the information of the Authority, in writing under his hand—

(a) the situation and extent of the land, with particulars of any trees, buildings or standing crops thereon;

(b) the names of the persons whom he has reason to think interested in such land;

(c) the amount awarded for damages and paid or tendered under section 13, and the amount of compensation awarded under the provisions of this Act;

(d) the amount paid or deposited under any other provisions of this Act; and

(e) if the objection be to the amount of the compensation, the grounds on which the amount of compensation was determined.

(2) The statement under sub-section (1) shall be attached a schedule giving the particulars of the notices served upon, and of the statements in writing made or delivered by the persons interested respectively.

**66. Service of notice by Authority.**—The Authority shall thereupon cause a notice specifying the day on which the Authority will proceed to determine the objection, and directing their appearance before the Authority on that day, to be served on the following persons, namely:—

(a) the applicant;

(b) all persons interested in the objection, except such (if any) of them as have consented without protest to receive payment of the compensation awarded; and

(c) if the objection is in regard to the area of the land or to the amount of the compensation, the Collector.

**67. Restriction on scope of proceedings.**—The scope of the enquiry in every such proceeding shall be restricted to a consideration of the interest of the persons affected by the objection.

**68. Proceeding to be in public.**—Every such proceeding shall take place in public, and all persons entitled to practice in any Civil Court in the State shall be entitled to appear, plead and act (as the case may be) in such proceeding.

**69. Determination of award by authority.**—(1) In determining the amount of compensation to be awarded for land acquired including the Rehabilitation and Resettlement entitlements, the Authority shall take into consideration whether the Collector has followed the parameters set out under section 26 to section 30 and the provisions under Chapter V of this Act.

(2) In addition to the market value of the land, as above provided, the Authority shall in every case award an amount calculated at the rate of twelve per cent. per annum on such market value for the period commencing on and from the date of the publication of the preliminary notification under section 11 in respect of such land to the date of the award of the Collector or the date of taking possession of the land, whichever is earlier.

*Explanation.*—In computing the period referred to in this sub-section, any period or periods during which the proceedings for the acquisition of the land were held up on account of any stay or injunction by the order of any Court shall be excluded.

(3) In addition to the market value of the land as above provided, the Authority shall in every case award a solatium of one hundred per cent. over the total compensation amount.

**70. Form of award.**—(1) Every award under this Chapter shall be in writing signed by the Presiding Officer of the Authority, and shall specify the amount awarded under clause first of section 28, and also the amounts (if any) respectively awarded under each of the other clauses of the same sub-section, together with the grounds of awarding each of the said amounts.

(2) Every such award shall be deemed to be a decree and the statement of the grounds of every such award a judgment within the meaning of clause (2), and clause (9) of respectively, of section 2 of the Code of Civil Procedure, 1908 (5 of 1908).

**71. Costs.**—(1) Every such award shall also state the amount of costs incurred in the proceeding under this Chapter, and by what persons and in what proportions they are to be paid.

(2) When the award of the Collector is not upheld, the cost shall ordinarily be paid by the Collector, unless the Authority concerned is of the opinion that the claim of the applicant was so extravagant or that he was so negligent in putting his case before the Collector that some deduction from his costs should be made or that he should pay a part of the Collector's costs.

**72. Collector may be directed to pay interest on excess compensation.**—If the sum, which in the opinion of the Authority concerned, the Collector ought to have awarded as compensation is in excess of the sum which the Collector did award as compensation, the award of the Authority concerned may direct that the Collector shall pay interest on such excess at the rate of nine per cent. per annum from the date on which he took possession of the land to the date of payment of such excess into Authority:

Provided that the award of the Authority concerned may also direct that where such excess or any part thereof is paid to the Authority after the date or expiry of a period of one year from the date on which possession is taken, interest at the rate of fifteen per cent. per annum shall be payable from the date of expiry of the said period of one year on the amount of such excess or part thereof which has not been paid into Authority before the date of such expiry.

**73. Re-determination of amount of compensation on the basis of the award of the Authority.**—(1) Where in an award under this Chapter, the Authority concerned allows to the applicant any amount of compensation in excess of the amount awarded by the Collector under section 23, the persons interested in all the other land covered by the same preliminary notification under section 11, and who are also aggrieved by the award of the Collector may, notwithstanding that they had not made an application to the Collector, by written application to the Collector within three months from the date of the award of the Authority concerned require that the amount of compensation payable to them may be re-determined on the basis of the amount of compensation awarded by the Authority:

Provided that in computing the period of three months within which an application to the Collector shall be made under this sub-section, the day on which the award was pronounced and the time requisite for obtaining a copy of the award shall be excluded.

(2) The Collector shall, on receipt of an application under sub-section (1), conduct an inquiry after giving notice to all the persons interested and giving them a reasonable opportunity of being heard, and make an award determining the amount of compensation payable to the applicants.

(3) Any person who has not accepted the award under sub-section (2) may, by written application to the Collector, require that the matter be referred by the Collector for the determination of the Authority concerned.

**74. Appeal to High Court.**—(1) The Requiring Body or any person aggrieved by the Award passed by an Authority under section 69 may file an appeal to the High Court within sixty days from the date of Award:

Provided that the High Court may, if it is satisfied that the appellant was prevented by sufficient cause from filing the appeal within the said period, allow it to be filed within a further period not exceeding sixty days.

(2) Every appeal referred to under sub-section (1) shall be heard as expeditiously as possible and endeavour shall be made to dispose of such appeal within six months from the date on which the appeal is presented to the High Court.

*Explanation.*—For the purposes of this section, “High Court” means the High Court within the jurisdiction of which the land acquired or proposed to be acquired is situated.

## CHAPTER IX

### APPORTIONMENT OF COMPENSATION

**75. Particulars of apportionment to be specified.**—When there are several persons interested, if such persons agree in the apportionment of the compensation, the particulars of such apportionment shall be specified in the award, and as between such persons the award shall be conclusive evidence of the correctness of the apportionment.

**76. Dispute as to apportionment.**—When the amount of compensation has been settled, if any dispute arises as to the apportionment of the same or any part thereof, or as to the persons to whom the same or any part thereof is payable, the Collector may refer such disputes to the Authority.

## CHAPTER X

### PAYMENT

**77. Payment of compensation or deposit of same in Authority.**—(1) On making an award under section 30, the Collector shall tender payment of the compensation awarded by him to the persons interested entitled thereto according to the award and shall pay it to them by depositing the amount in their bank accounts unless prevented by someone or more of the contingencies mentioned in sub-section (2).

(2) If the person entitled to compensation shall not consent to receive it, or if there be no person competent to alienate the land, or if there be any dispute as to the title to receive the compensation or as to the apportionment of it, the Collector shall deposit the amount of the compensation in the Authority to which a reference under section 64 would be submitted:

Provided that any person admitted to be interested may receive such payment under protest as to the sufficiency of the amount:

Provided further that no person who has received the amount otherwise than under protest shall be entitled to make any application under sub-section (1) of section 64:

Provided also that nothing herein contained shall affect the liability of any person, who may receive the whole or any part of any compensation awarded under this Act, to pay the same to the person lawfully entitled thereto.

**78. Investment of money deposited in respect of lands belonging to person incompetent to alienate.**—(1) If any money is deposited in the Authority concerned under sub-section (2) of section 77 and it appears that the land in respect whereof the same was awarded belonged to any person who had no power to alienate the same, the Authority concerned shall—

(a) order the money to be invested in the purchase of other lands to be held under the like title and conditions of ownership as the land in respect of which such money shall have been deposited was held; or

(b) if such purchase cannot be effected forthwith, then in such Government of other approved securities as the Authority concerned shall think fit,

and shall direct the payment of the interest or other proceeds arising from such investment to the person or persons who would for the time being have been entitled to the possession of the said land, and such moneys shall remain so deposited and invested until the same be applied—

(i) in the purchase of such other lands as aforesaid; or

(ii) in payment to any person or persons becoming absolutely entitled thereto.

(2) In all cases of money deposited to which this section applies the Authority concerned shall order the costs of the following matters, including therein all reasonable charge and expenses incident thereon, to be paid by the Collector, namely:—

(a) the costs of such investments as aforesaid;

(b) the costs of the orders for the payment of the interest or other proceeds of the securities upon which such moneys are for the time being invested, and for the payment out of the Authority concerned of the principal of such moneys, and of all proceedings relating thereto, except such as may be occasioned by litigation between adverse claimants.

**79. Investment of money deposited in other cases.**—When any money shall have been deposited in the Authority concerned under this Act for any cause other than the causes mentioned in section 78, the Authority may, on the application of any party interested or claiming an interest in such money, order the same to be invested in such Government or other approved securities as it may think proper, and paid in such manner as it may consider will give the parties interested therein the same benefit from it as they might have had from the land in respect whereof such money shall have been deposited or as near thereto as may be.

**80. Payment of interest.**—When the amount of such compensation is not paid or deposited on or before taking possession of the land, the Collector shall pay the amount awarded with interest thereon at the rate of nine per cent. per annum from the time of so taking possession until it shall have been so paid or deposited:

Provided that if such compensation or any part thereof is not paid or deposited within a period of one year from the date on which possession is taken, interest at the rate of fifteen per cent. per annum shall be payable from the date of expiry of the said period of one year on the amount of compensation or part thereof which has not been paid or deposited before the date of such expiry.

## CHAPTER XI

### TEMPORARY OCCUPATION OF LAND

**81. Temporary occupation of waste or arable land, procedure when difference as to compensation exists.**—(1) Whenever it appears to the appropriate Government that the temporary occupation and use of any waste or arable land are needed for any public purpose, the appropriate Government may direct the Collector to procure the occupation and use of the same for such terms as it shall think fit, not exceeding three years from the commencement of such occupation.

(2) The Collector shall thereupon give notice in writing to the person interested in such land of the purpose for which the same is needed, and shall, for the occupation and use thereof for such term as aforesaid, and for the materials (if any) to be taken therefrom, pay to them such compensation, either in a gross sum of money, or by monthly or other periodical payments, as shall be agreed upon in writing between him and such persons respectively.

(3) In case the Collector and the persons interested differ as to the sufficiency of the compensation or apportionment thereof, the Collector shall refer such difference to the decision of the Authority.

**82. Power to enter and take possession and compensation on restoration.**—(1) On payment of such compensation, or on executing such agreement, or on making a reference under section 64, the Collector may enter upon and take possession of the land, and use or permit the use thereof in accordance with the terms of the said notice.

(2) On the expiration of the term, the Collector shall make or tender to the persons interested compensation for the damage (if any) done to the land and not provided for by the agreement, and shall restore the land to the persons interested therein:

Provided that, if the land has become permanently unfit to be used for the purpose for which it was used immediately before the commencement of such term, and if the persons interested shall so require, the appropriate Government shall proceed under this Act to acquire the land as if it was needed permanently for a public purpose.

**83. Difference as to condition of land.**—In case the Collector and persons interested differ as to the condition of the land at the expiration of the term, or as to any matter connected with the said agreement, the Collector shall refer such difference to the decision of the Authority concerned.

## CHAPTER XII

### OFFENCES AND PENALTIES

**84. Punishment for false information, *mala fide* action, etc.**—(1) If a person, in connection with a requirement or direction under this Act, provides any information that is false or misleading, or produces any false document, he shall be liable to be punished with imprisonment of either description for a term which may extend to six months, or with fine which may extend to one lakh rupees, or with both.

(2) Any rehabilitation and resettlement benefit availed of by making a false claim or through fraudulent means shall be liable to be recovered by the appropriate Government in the manner as may be prescribed.

(3) Disciplinary proceedings may be drawn up by the disciplinary authority against a Government servant, who if proved to be guilty of a *mala fide* action in respect of any provision of this Act, shall be liable to such punishment including a fine as the disciplinary authority may decide.

**85. Penalty for contravention of provisions of Act.**—If any person contravenes any of the provisions relating to payment of compensation or rehabilitation and resettlement, every such person shall be liable to a punishment of six months which may extend to three years or with fine or with both.

**86. Offences by companies.**—(1) Where an offence under this Act has been committed by a company, every person who at the time the offence was committed was in charge of, and was responsible to, the company for the conduct of the business of the company, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

Provided that nothing contained in this sub-section shall render any such person liable to any punishment if he proves that the offence was committed without his knowledge or that he had exercised all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1), where an offence under this Act has been committed by a company and it is proved that the offence has been committed with the consent or connivance of, or that the commission of the offence is attributable to any neglect on the part of, any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall also be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

*Explanation.*—For the purposes of this section,—

(a) “company” means any body corporate and includes a firm or other association of individuals and a Requiring Body; and

(b) “director”, in relation to a firm, means a partner in the firm.

**87. Offences by Government departments.**—(1) Where an offence under this Act has been committed by any department of the Government, the head of the department, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

Provided that nothing contained in this section shall render any person liable to any punishment if such person proves that the offence was committed without his knowledge or that such person exercised all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1), where any offence under this Act has been committed by a Department of the Government and it is proved that the offence has been committed with the consent or connivance of, or is attributable to any neglect on the part of any officer, other than the head of the department, such officer shall also be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

**88. Cognizance of offences by court.**—No court inferior to that of a Metropolitan Magistrate or a Judicial Magistrate of the first class shall be competent to try any offence punishable under this Act.

**89. Offences to be non-cognizable.**—Notwithstanding anything contained in the Code of Criminal Procedure, 1973 (2 of 1974) every offence under this Act shall be deemed to be non-cognizable.

**90. Offences to be cognizable only on complaint filed by certain persons.**—No court shall take cognizance of any offence under this Act which is alleged to have been committed by a Requiring Body except on a complaint in writing made by the Collector or any other officer authorised by the appropriate Government or any member of the affected family.

## CHAPTER XIII

### MISCELLANEOUS

**91. Magistrate to enforce surrender.**—If the Collector is opposed or impeded in taking possession under this Act of any land, he shall, if a Magistrate, enforce the surrender of the land to himself, and if not a Magistrate, he shall apply to a Magistrate or to the Commissioner of Police, and such Magistrate or Commissioner, as the case may be, shall enforce the surrender of the land to the Collector.

**92. Service of notice.**—(1) Save as otherwise provided in section 66, the service of any notice under this Act shall be made by delivering or tendering a copy thereof signed, in the case of a notice, by the officer therein mentioned, and, in the case of any other notice, by order of the Collector.

(2) Whenever it may be practicable, the service of the notice shall be made on the person therein named.

(3) When such person cannot be found, the service may be made on any adult member of his family residing with him; and, if no such adult member can be found, the notice may be served by fixing the copy on the outer door of the house in which the person therein named ordinarily dwells or carries on business, or by fixing a copy thereof in some conspicuous place in the office of the officer aforesaid or of the Collector or in the court-house, and also in some conspicuous part of the land to be acquired:

Provided that, if the Collector or Judge shall so direct, a notice may be sent by post, in a letter addressed to the person named therein at his last known residence, address or place of business and also publish the same in at least two national daily newspapers and also on his website.

**93. Completion of acquisition not compulsory, but compensation to be awarded when not completed.**—(1) The appropriate Government shall be at liberty to withdraw from the acquisition of any land of which possession has not been taken.

(2) Whenever the appropriate Government withdraws from any such acquisition, the Collector shall determine the amount of compensation due for the damage suffered by the owner in consequence of the notice or of any proceedings thereunder, and shall pay such amount to the person interested, together with all costs reasonably incurred by him in the prosecution of the proceedings under this Act relating to the said land.

**94. Acquisition of part of house or building.**—(1) The provisions of this Act shall not be put in force for the purpose of acquiring a part only of any house, manufactory or other building, if the owner desires that the whole of such house, manufactory or building shall be so acquired:

Provided that, if any question shall arise as to whether any land proposed to be taken under this Act does or does not form part of a house, manufactory or building within the meaning of this section, the Collector shall refer the determination of such question to the Authority concerned and shall not be taken possession of such land until after the question has been determined.

(2) In deciding on such a reference made under the proviso to sub-section (1), the Authority concerned shall have regard to the question whether the land proposed to be taken, is reasonably required for the full and unimpaired use of the house, manufactory or building.

(3) If, in the case of any claim under this Act, by a person interested, on account of the severing of the land to be acquired from his other land, the appropriate Government is of opinion that the claim is



unreasonable or excessive, it may, at any time before the Collector has made his award, order the acquisition of the whole of the land of which the land first sought to be acquired forms a part.

(4) In the case of any acquisition of land so required no fresh declaration or other proceedings under sections 11 to 19, (both inclusive) shall be necessary; but the Collector shall without delay furnish a copy of the order of the appropriate Government to the person interested, and shall thereafter proceed to make his award under section 23.

**95. Acquisition of land at cost of a local authority or Requiring Body.**—(1) Where the provisions of this Act are put in force for the purpose of acquiring land at the cost of any fund controlled or managed by a local authority or of any Requiring Body, the charges of land incidental to such acquisition shall be defrayed from or by such fund or Requiring Body.

(2) In any proceeding held before a Collector or Authority concerned in such cases the local authority or Requiring Body concerned may appear and adduce evidence for the purpose of determining the amount of compensation:

Provided that no such local authority or Requiring Body shall be entitled to demand a reference to the Authority concerned under section 64.

**96. Exemption from income-tax, stamp duty and fees.**—No income tax or stamp duty shall be levied on any award or agreement made under this Act, except under section 46 and no person claiming under any such award or agreement shall be liable to pay any fee for a copy of the same.

**97. Acceptance of certified copy as evidence.**—In any proceeding under this Act, a certified copy of a document registered under the Registration Act, 1908 (16 of 1908) including a copy given under section 57 of that Act, may be accepted as evidence of the transaction recorded in such document.

**98. Notice in case of suits for anything done in pursuance of Act.**—No suit or other proceeding shall be commenced against any person for anything done in pursuance of this Act, without giving to such person a month's previous notice in writing of the intended proceeding, and of the cause thereof, nor after tender of sufficient amendments.

**99. No change of purpose to be allowed.**—No change from the purpose or related purposes for which the land is originally sought to be acquired shall be allowed:

Provided that if the land acquired is rendered unusable for the purpose for which it was acquired due to a fundamental change because of any unforeseen circumstances, then the appropriate Government may use such land for any other public purpose.

**100. No change of ownership without permission to be allowed.**—No change of ownership without specific permission from the appropriate Government shall be allowed.

**101. Return of unutilised land.**— When any land acquired under this Act remains unutilised for a period of five years from the date of taking over the possession, the same shall be returned to the original owner or owners or their legal heirs, as the case may be, or to the Land Bank of the appropriate Government by reversion in the manner as may be prescribed by the appropriate Government.

*Explanation.*—For the purpose of this section, "Land Bank" means a governmental entity that focuses on the conversion of Government owned vacant, abandoned, unutilised acquired lands and tax-delinquent properties into productive use.

**102. Difference in price of land when transferred for higher consideration to be shared.**—Whenever the ownership of any land acquired under this Act is transferred to any person for a consideration, without any development having taken place on such land, forty per cent. of the appreciated land value shall be shared amongst the persons from whom the lands were acquired or their heirs, in proportion to the value at which the lands were acquired within a period of five years from the date of acquisition:

Provided that benefit shall accrue only on the first sale or transfer that occurs after the conclusion of the acquisition proceedings.

**103. Provisions to be in addition to existing laws.**—The provisions of this Act shall be in addition to and not in derogation of, any other law for the time being in force.

**104. Option of appropriate Government to lease.**—Notwithstanding anything contained in this Act, the appropriate Government shall, wherever possible, be free to exercise the option of taking the land on lease, instead of acquisition, for any public purpose referred to in sub-section (1) of section 2.

**105. Provisions of this Act not to apply in certain cases or to apply with certain modifications.**—(1) Subject to sub-section (3), the provisions of this Act shall not apply to the enactments relating to land acquisition specified in the Fourth Schedule.

(2) Subject to sub-section (2) of section 106, the Central Government may, by notification, omit or add to any of the enactments specified in the Fourth Schedule.

(3) The Central Government shall, by notification, within one year from the date of commencement of this Act, direct that any of the provisions of this Act relating to the determination of compensation in accordance with the First Schedule and rehabilitation and resettlement specified in the Second and Third Schedules, being beneficial to the affected families, shall apply to the cases of land acquisition under the enactments specified in the Fourth Schedule or shall apply with such exceptions or modifications that do not reduce the compensation or dilute the provisions of this Act relating to compensation or rehabilitation and resettlement as may be specified in the notification, as the case may be.

(4) A copy of every notification proposed to be issued under sub-section (3), shall be laid in draft before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in disapproving the issue of the notification or both Houses agree in making any modification in the notification, the notification shall not be issued or, as the case may be, shall be issued only in such modified form as may be agreed upon by both the Houses of Parliament.

**106. Power to amend Schedule.**—(1) The Central Government may, by notification, amend or alter any of the Schedules to this Act, without in any way reducing the compensation or diluting the provisions of this Act relating to compensation or rehabilitation and resettlement.

(2) A copy of every notification proposed to be issued under sub-section (1), shall be laid in draft before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in disapproving the issue of the notification or both Houses agree in making any modification in the notification, the notification shall not be issued or as the case may be, shall be issued only in such modified form as may be agreed upon by both the Houses of Parliament.

**107. Power of State Legislatures to enact any law more beneficial to affected families.**—Nothing in this Act shall prevent any State from enacting any law to enhance or add to the entitlements enumerated under this Act which confers higher compensation than payable under this Act or make provisions for rehabilitation and resettlement which is more beneficial than provided under this Act.

**108. Option to affected families to avail better compensation and rehabilitation and resettlement.**—(1) Where a State law or a policy framed by the Government of a State provides for a higher compensation than calculated under this Act for the acquisition of land, the affected persons or his family or member of his family may at their option opt to avail such higher compensation and rehabilitation and resettlement under such State law or such policy of the State.

(2) Where a State law or a policy framed by the Government of a State offers more beneficial rehabilitation and resettlement provisions under that Act or policy than under this Act, the affected persons or his family or member of his family may at his option opt to avail such rehabilitation and resettlement provisions under such State law or such policy of the State instead of under this Act.

**109. Power of appropriate Government to make rules.**—(1) Subject to the other provisions of this Act, the appropriate Government may, by notification, make rules for carrying out the provisions

of this Act.

(2) In particular, and without prejudice to the generality of the foregoing, such rules may provide for all or any of the following matters, namely:—

(a) the process of obtaining the prior consent under the first proviso to sub-section (2) of section 2;

(b) the limits of land in rural areas or urban areas under clause (a) of sub-section (3) of section 2;

(c) the manner and the time limit for carrying out social impact assessment study under sub-section (1) of section 4;

(d) the manner of preparing and publishing social impact assessment study reports under sub-section (1) of section 6;

(e) the manner and time for conducting survey and undertaking census under sub-section (2) of section 16;

(f) the manner of preparing draft Rehabilitation and Resettlement Scheme under sub-section (5) of section 16;

(g) the manner of conducting public hearing under sub-section (5) of section 16;

(h) the manner of depositing amount by the Requiring Body under second proviso to sub-section (2) of section 19;

(i) the manner in which and the period within which any excess amount paid may be recovered under sub-section (3) of section 33;

(j) the form in which the Development Plan shall be prepared under sub-section (2) of section 41;

(k) the powers, duties and responsibilities of Administrator under sub-section (2) of section 43;

(l) the procedure of Rehabilitation and Resettlement Committee under sub-section (3) of section 45;

(m) the procedure to be followed by the Rehabilitation and Resettlement Committee and allowances to be paid to the experts under sub-section (3) of section 48;

(n) the procedures to be followed by the State Monitoring Committee and the allowances payable to the experts under sub-section (3) of section 50;

(o) the salaries and allowances and other conditions of service of the Registrar and other officers and employees of an Authority under sub-section (3) of section 55;

(p) the salary and allowances payable to and the other terms and conditions of service (including pension, gratuity and other retirement benefits) of, the Presiding Officer of an Authority under section 56;

(q) any other matter under clause (g) of sub-section (1) of section 60;

(r) the manner of recovery of the rehabilitation and resettlement benefits, availed of by making false claim or through fraudulent means, under sub-section (2) of section 84;

(s) the manner of returning the unutilised land by reversion under section 101;

(t) manner of publication wherever the provisions of this Act provide for;

(u) any other matter which is required to be or may be specified under this Act.

**110. Rules made by Central Government to be laid before Parliament.**—Every rule made by the Central Government under this Act shall be laid as soon as may be after it is made, before each House of Parliament while it is in session for a total period of thirty days which may be comprised in one session or two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any

modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

**111. Rules made by State Government to be laid before State Legislature.**—Every rule made by the State Government under this Act shall be laid, as soon as may be after it is made, before each House of the State Legislature where it consists of two Houses, or where such Legislature consists of one House, before that House.

**112. Previous publication of rules made by Central and State Government.**—The power to make rules by the Central or State Government under this Act shall be subject to the condition of the rules, being made after previous publication.

**113. Power to remove difficulties.**—(1) If any difficulty arises in giving effect to the provisions of this Part, the Central Government may, by order, make such provisions or give such directions not inconsistent with the provisions of this Act as may appear to it to be necessary or expedient for the removal of the difficulty:

Provided that no such power shall be exercised after the expiry of a period of two years from the commencement of this Act.

(2) Every order made under this section shall be laid, as soon as may be after it is made, before each House of Parliament.

**114. Repeal and saving.**—(1) The Land Acquisition Act, 1894 (1 of 1894) is hereby repealed.

(2) Save as otherwise provided in this Act the repeal under sub-section (1) shall not be held to prejudice or affect the general application of section 6 of the General Clauses Act, 1897 (10 of 1897) with regard to the effect of repeals.

## THE FIRST SCHEDULE

[See section 30(2)]

### COMPENSATION FOR LAND OWNERS

The following components shall constitute the minimum compensation package to be given to those whose land is acquired and to tenants referred to in clause (c) of section 3 in a proportion to be decided by the appropriate Government.

Serial No.	Component of compensation package in respect of land acquired under the Act	Manner of determination of value	Date of determination of value
(1)	(2)	(3)	(4)
1.	Market value of land	To be determined as provided under section 26.	
2.	Factor by which the market value is to be multiplied in the case of rural areas	1.00 (One) to 2.00 (Two) based on the distance of project from urban area, as may be notified by the appropriate Government.	
3.	Factor by which the market value is to be multiplied in the case of urban areas	1(One).	
4.	Value of assets attached to land or building	To be determined as provided under section 29.	
5.	Solatum	Equivalent to one hundred per cent. of the market value of land mentioned against serial number 1 multiplied by the factor specified against serial number 2 for rural areas or serial number 3 for urban areas plus value of assets attached to land or building against serial number 4 under column (2).	
6.	Final award in rural areas	Market value of land mentioned against serial number 1 multiplied by the factor specified against serial number 2 plus value of assets attached to land or building mentioned against serial number 4 under column (2) plus solatium mentioned against serial number 5 under column (2).	
7.	Final award in urban areas	Market value of land mentioned against serial number 1 multiplied by the factor specified against serial number 3 plus value of assets attached to land or building mentioned against serial number 4 under column (2) plus solatium mentioned against serial number 5 under column (2).	
8.	Other component, if any, to be included		

NOTE.—The date on which values mentioned under column (2) are determined should be indicated under column (4) against each serial number.

## THE SECOND SCHEDULE

[See sections 31(I), 38(I) and 105(3)]

ELEMENTS OF REHABILITATION AND RESETTLEMENT ENTITLEMENTS FOR ALL THE AFFECTED FAMILIES (BOTH LAND OWNERS AND THE FAMILIES WHOSE LIVELIHOOD IS PRIMARILY DEPENDENT ON LAND ACQUIRED) IN ADDITION TO THOSE PROVIDED IN THE FIRST SCHEDULE.

Serial No.	Elements of Rehabilitation and Resettlement Entitlements	Entitlement/provision	Whether provided or not (if provided, details to be given)
(1)	(2)	(3)	(4)
1.	Provision of housing units in case of displacement	<p>(1) If a house is lost in rural areas, a constructed house shall be provided as per the Indira Awas Yojana specifications. If a house is lost in urban areas, a constructed house shall be provided, which will be not less than 50 sq mts in plinth area.</p> <p>(2) The benefits listed above shall also be extended to any affected family which is without homestead land and which has been residing in the area continuously for a period of not less than three years preceding the date of notification of the affected area and which has been involuntarily displaced from such area:</p> <p>Provided that any such family in urban areas which opts not to take the house offered, shall get a one-time financial assistance for house construction, which shall not be less than one lakh fifty thousand rupees:</p> <p>Provided further that if any affected family in rural areas so prefers, the equivalent cost of the house may be offered in lieu of the constructed house:</p> <p>Provided also that no family affected by acquisition shall be given more than one house under the provisions of this Act.</p> <p><i>Explanation.</i>—The houses in urban area may, if necessary, be provided in multi-storied building complexes.</p>	
2.	Land for Land	<p>In the case of irrigation project, as far as possible and in lieu of compensation to be paid for land acquired, each affected family owning agricultural land in the affected area and whose land has been acquired or lost, or who has, as a consequence of the acquisition or loss of land, been reduced to the status of a marginal farmer or landless, shall be allotted, in the name of each person included in the records of rights with regard to the affected family, a minimum of one acre of land in the command area of the project for which the land is acquired:</p> <p>Provided that in every project those persons losing land and belonging to the Scheduled Castes or the Scheduled Tribes will be provided land equivalent to land acquired or two and a one-half acres, whichever is lower.</p>	

(1)	(2)	(3)	(4)
3.	Offer for Developed Land	<p>In case the land is acquired for urbanisation purposes, twenty per cent. of the developed land will be reserved and offered to land owning project affected families, in proportion to the area of their land acquired and at a price equal to the cost of acquisition and the cost of development:</p> <p>Provided that in case the land owning project affected family wishes to avail of this offer, an equivalent amount will be deducted from the land acquisition compensation package payable to it.</p>	
4.	Choice of Annuity or Employment	<p>The appropriate Government shall ensure that the affected families are provided with the following options:</p> <p>(a) where jobs are created through the project, after providing suitable training and skill development in the required field, make provision for employment at a rate not lower than the minimum wages provided for in any other law for the time being in force, to at least one member per affected family in the project or arrange for a job in such other project as may be required; or</p> <p>(b) one time payment of five lakhs rupees per affected family; or</p> <p>(c) annuity policies that shall pay not less than two thousand rupees per month per family for twenty years, with appropriate indexation to the Consumer Price Index for Agricultural Labourers.</p>	
5.	Subsistence grant for displaced families for a period of one year	<p>Each affected family which is displaced from the land acquired shall be given a monthly subsistence allowance equivalent to three thousand rupees per month for a period of one year from the date of award.</p> <p>In addition to this amount, the Scheduled Castes and the Scheduled Tribes displaced from Scheduled Areas shall receive an amount equivalent to fifty thousand rupees.</p> <p>In case of displacement from the Scheduled Areas, as far as possible, the affected families shall be relocated in a similar ecological zone, so as to preserve the economic opportunities, language, culture and community life of the tribal communities.</p>	
6.	Transportation cost for displaced families	<p>Each affected family which is displaced shall get a one-time financial assistance of fifty thousand rupees as transportation cost for shifting of the family, building materials, belongings and cattle.</p>	
7.	Cattle shed/Petty shops cost	<p>Each affected family having cattle or having a petty shop shall get one-time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of twenty-five thousand rupees for construction of cattle shed or petty shop as the case may be.</p>	

(1)	(2)	(3)	(4)
8.	One-time grant to artisan, small traders and certain others	Each affected family of an artisan, small trader or self-employed person or an affected family which owned non-agricultural land or commercial, industrial or institutional structure in the affected area, and which has been involuntarily displaced from the affected area due to land acquisition, shall get one-time financial assistance of such amount as the appropriate Government may, by notification, specify subject to a minimum of twenty-five thousand rupees.	
9.	Fishing rights	In cases of irrigation or hydel projects, the affected families may be allowed fishing rights in the reservoirs, in such manner as may be prescribed by the appropriate Government.	
10.	One-time Resettlement Allowance	Each affected family shall be given a one-time "Resettlement Allowance" of fifty thousand rupees only.	
11.	Stamp duty and registration fee	<p>(1) The stamp duty and other fees payable for registration of the land or house allotted to the affected families shall be borne by the Requiring Body.</p> <p>(2) The land for house allotted to the affected families shall be free from all encumbrances.</p> <p>(3) The land or house allotted may be in the joint names of wife and husband of the affected family.</p>	



## THE THIRD SCHEDULE

[See sections 32, 38(1) and 105(3)]

### PROVISION OF INFRASTRUCTURAL AMENITIES

For resettlement of populations, the following infrastructural facilities and basic minimum amenities are to be provided at the cost of the Requisitioning Authority to ensure that the resettled population in the new village or colony can secure for themselves a reasonable standard of community life and can attempt to minimise the trauma involved in displacement.

A reasonably habitable and planned settlement would have, as a minimum, the following facilities and resources, as appropriate:

Serial No.	Component of infrastructure amenities provided/proposed to be provided by the acquirer of land	Details of infrastructure amenities provided by the acquirer of land
(1)	(2)	(3)
1.	Roads within the resettled villages and an all-weather road link to the nearest pucca road, passages and easement rights for all the resettled families be adequately arranged.	
2.	Proper drainage as well as sanitation plans executed before physical resettlement.	
3.	One or more assured sources of safe drinking water for each family as per the norms prescribed by the Government of India.	
4.	Provision of drinking water for cattle.	
5.	Grazing land as per proportion acceptable in the State.	
6.	A reasonable number of Fair Price Shops.	
7.	Panchayat Ghars, as appropriate.	
8.	Village level Post Offices, as appropriate, with facilities for opening saving accounts.	
9.	Appropriate seed-cum-fertilizer storage facility if needed.	
10.	Efforts must be made to provide basic irrigation facilities to the agricultural land allocated to the resettled families if not from the irrigation project, then by developing a cooperative or under some Government scheme or special assistance.	
11.	All new villages established for resettlement of the displaced persons shall be provided with suitable transport facility which must include public transport facilities through local bus services with the nearby growth centres/urban localities.	
12.	Burial or cremation ground, depending on the caste- communities at the site and their practices.	
13.	Facilities for sanitation, including individual toilet points.	
14.	Individual single electric connections (or connection through non-conventional sources of energy like solar energy), for each household and for public lighting.	
15.	Anganwadi's providing child and mother supplemental nutritional services.	
16.	School as per the provisions of the Right of Children to Free and Compulsory Education Act, 2009 (35 of 2009);	

(1)	(2)	(3)
17.	Sub-health centre within two kilometres range.	
18.	Primary Health Centre as prescribed by the Government of India.	
19.	Playground for children.	
20.	One community centre for every hundred families.	
21.	Places of worship and chowpal/tree platform for every fifty families for community assembly, of numbers and dimensions consonant with the affected area.	
22.	Separate land must be earmarked for traditional tribal institutions.	
23.	The forest dweller families must be provided, where possible, with their forest rights on non-timber forest produce and common property resources, if available close to the new place of settlement and, in case any such family can continue their access or entry to such forest or common property in the area close to the place of eviction, they must continue to enjoy their earlier rights to the aforesaid sources of livelihood.	
24.	Appropriate security arrangements must be provided for the settlement, if needed.	
25.	Veterinary service centre as per norms.	

NOTE.— Details of each component of infrastructural amenities mentioned under column (2) against serial numbers 1 to 25 should be indicated by the acquirer of land under column (3).

## THE FOURTH SCHEDULE

(See section 105)

### LIST OF ENACTMENTS REGULATING LAND ACQUISITION AND REHABILITATION AND RESETTLEMENT

1. The Ancient Monuments and Archaeological Sites and Remains Act, 1958 (24 of 1958).
  2. The Atomic Energy Act, 1962 (33 of 1962).
  3. The Damodar Valley Corporation Act, 1948 (14 of 1948).
  4. The Indian Tramways Act, 1886 (11 of 1886)
  5. The Land Acquisition (Mines) Act, 1885 (18 of 1885).
  6. The Metro Railways (Construction of Works) Act, 1978 (33 of 1978).
  7. The National Highways Act, 1956 (48 of 1956).
  8. The Petroleum and Minerals Pipelines (Acquisition of Right of User in Land) Act, 1962 (50 of 1962).
  9. The Requisitioning and Acquisition of Immovable Property Act, 1952 (30 of 1952).
  10. The Resettlement of Displaced Persons (Land Acquisition) Act, 1948 (60 of 1948).
  11. The Coal Bearing Areas Acquisition and Development Act, 1957 (20 of 1957).
  12. The Electricity Act, 2003 (36 of 2003).
  13. The Railways Act, 1989 (24 of 1989).
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# MADHYA PRADESH WATER RESOURCES DEPARTMENT



## PATPADI TANK PROJECT CATCHMENT AREA TREATMENT PLAN

Tehsil :- Udainagar

District :- Dewas

Estimated Cost – Rs. 54.97 Lakhs

EXECUTIVE ENGINEER WATER RESOURCES DIVISION, DEWAS

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# CATCHMENT AREA TREATMENT PLAN

## 1.1 Introduction-

It is a well-established fact that reservoirs formed by dams on rivers area subjected to sedimentation. The process of sedimentation embodies the sequential processes of erosion, entrainment, transportation, deposition and compaction of sediment. The study of erosion and sediment yield from catchment is of utmost importance as the deposition of sediment in reservoir reduces its capacity, thus affecting the water available for the designated use. The eroded sediment from catchment when deposited on streambeds and banks causes braiding of river reach. The removal of top fertile soil from catchment also adversely affects the agricultural production and growth of plants another crucial factor that adds to the sediment load and which contributes to soil degradation is grazing pressure.

The lack of proper vegetal cover is a factor to cause degradation and thereby results in severe run off /soil erosion, and subsequently premature siltation of the reservoir. Thus, a well-designed Catchment Area Treatment (CAT) Plan is essential to ameliorate the above-mentioned adverse cause and process of soil erosion. The catchment area treatment involves the understanding of the erosion characteristics of the terrain and suggesting remedial measures to reduce the erosion rate. For this reason, the catchment of the directly draining rivers, streams, tributaries, etc. are treated and the cost is included in the project cost.

The pre-requisite for a watershed management is the collection of multipronged data e.g., geology, geomorphology, topography, soil, land use/land cover, climate, hydrology, drainage pattern, etc. The multi-pronged data generated from various published sources and actual data collected from these watersheds on the above-mentioned parameters forms the basis of the Action Plan for Catchment Area Treatment is presented here.

Catchment Area Treatment (CAT) plans for the free draining catchment, area of the proposed project has been prepared for areas with high soil erosion intensity. The CAT Plan targets towards overall improvement in the environmental conditions of the region. All the activities are aimed at treating the degraded and potential areas with severe soil erosion. The plan provides benefits due to biological and engineering measures and its utility in maintaining the ecosystem health. The plan with objectives addresses issues such as prevention of gully erosion, enhancing the forest cover for increasing soil holding capacity; and arresting total sediment flow in the reservoir and flowing waters.

## 1.2 Objectives

Integrated watershed management plan minimizes the sedimentation of reservoir. The main aim of the Catchment Area Treatment Plan is to rejuvenate various potential and degraded ecosystems in the catchment area for longevity of the reservoir storage capacity. For this purpose, the action plan has been prepared with the following objectives:

- 1 To facilitate the hydrological functioning of the catchment and to augment the quality of water of the river and its tributaries.

**WATER RESOURCES DEPARTMENT, MADHYA PRADESH Catchment Area Treatment Plan  
for Patpadi Irrigation Project, District Dewas, Madhya Pradesh**

- 2 Conservation of soil cover and to arrest the soil erosion, floods and siltation of the river along with its tributaries and consequent reduction of siltation in the reservoir of the project.
- 3 Rehabilitation of degraded forest areas through afforestation and facilitating natural regeneration of plants.
- 4 Mitigation of landslide, landslip and rock falls.
- 5 Soil conservation through biological and engineering measures to reduce sediment load in river and tributaries, incidentally improving the quality of water.
- 6 Ecosystem conservation resulting from increased vegetal cover and water retaining properties of soil.

**1.3 Catchment Area**

Patpadi Tank Scheme is irrigation scheme rises on Patpadi river in the Patpadi range of Dewas Division in the Dewas distt, of Madhya Pradesh at Patpadi village block Udaynagar distrance for Dewas District head quater is 98 Kms, Geographical coordinate's origination are at north latitude 22°34'30"N and East longitude 76°15'40" E. The side can be located on the TopoSheet No F46.. K/2,3,6,7,... Minor Patpadi river flows in a generally north to south direction for a total length of 4.75 km away to join the Lohar River. The forest area boundary in the catchment as per the forest proposal is about 31.50 Sq.KM and about 0.086 Sq. K.M is in the submergence.

**1.4 Free Draining Catchment**

CA: Plan has been formulated for free draining catchment i.e. up to the proposed Patpadi Project on minor Patpadi river of Patpadi Village. Free draining catchment area for this CAT Plan is 31.50 Sq km. As per nomenclature contained in water atlas of india , edition 1993, the free draining catchment under the study area lies in water resources Region-(Narmada-Tapti) Basin Catchment 5D4.

The basin characteristics watershed are illustrated in Table 1.1 the satellite imagery of the free daring catchment is presented in Figure 1.1 Net Catchment area of project is 33.18 Sq.Km. Also illustrated in Table 1.1

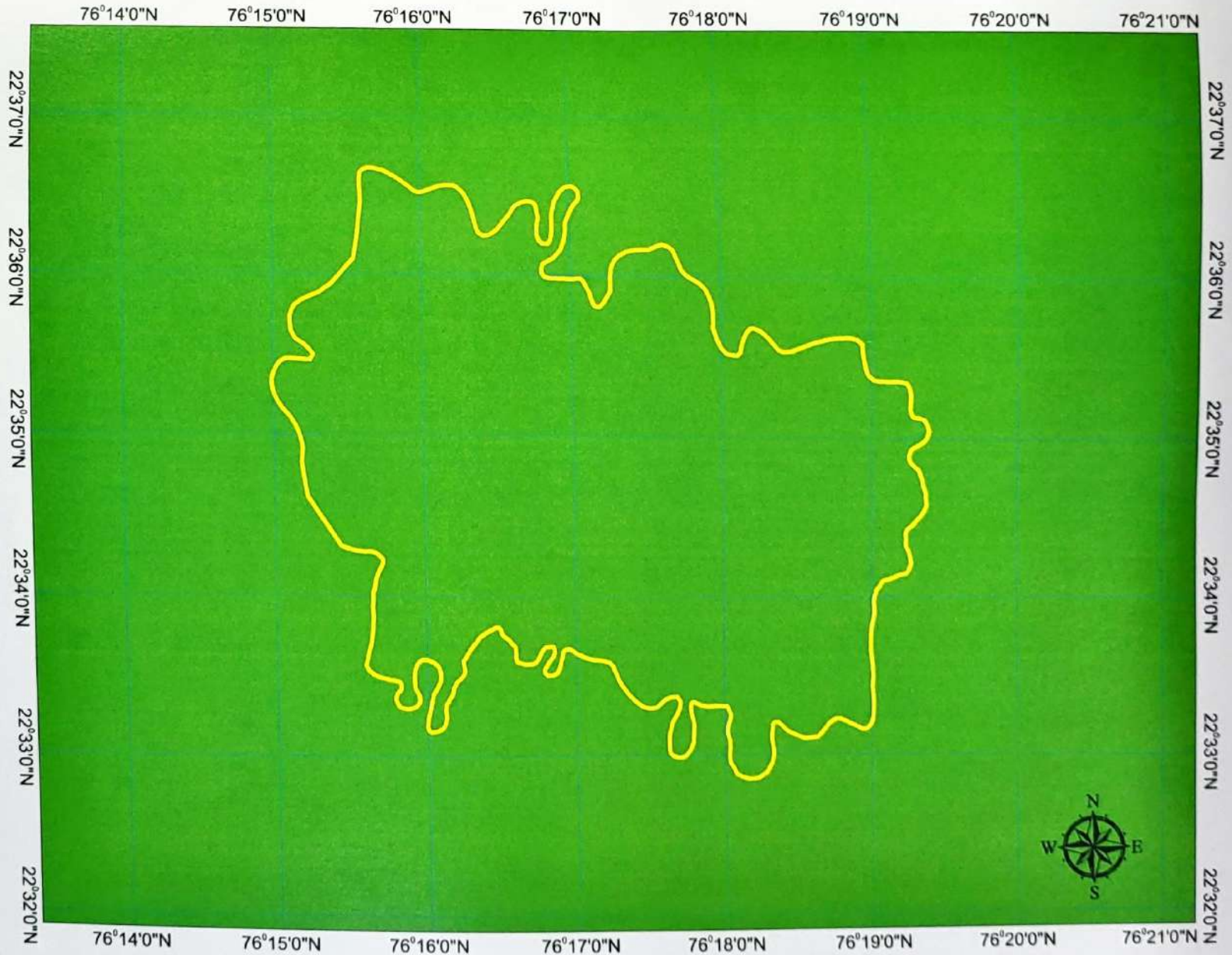
The basin characteristics of different sub-watersheds are illustrated in Table 1.1 and the mosaic map of watershed location is shown in Figure 1.2.

**Table — 1.1: Patpadi Project Area Details**

S.No	Particulars	Value
1	Gross catchment Area	33.18 Sq.km
2	Designed flood ( Estimated SPF)	317.96 Cumecs
3	Net 75% dependable yield	0.251 MCM/SQ.Km
4	Full reservoir level (FRL)	357.50 .M
5	Tank Bund level (TBL)	360.70 M

# PATPADI TANK PROJECT

Total Catchment Area 33.18 Sq.Km.





WATER RESOURCES DEPARTMENT, MADHYA PRADESH Catchment Area Treatment Plan for  
Patpadi Irrigation Project, District Dewas, Madhya Pradesh

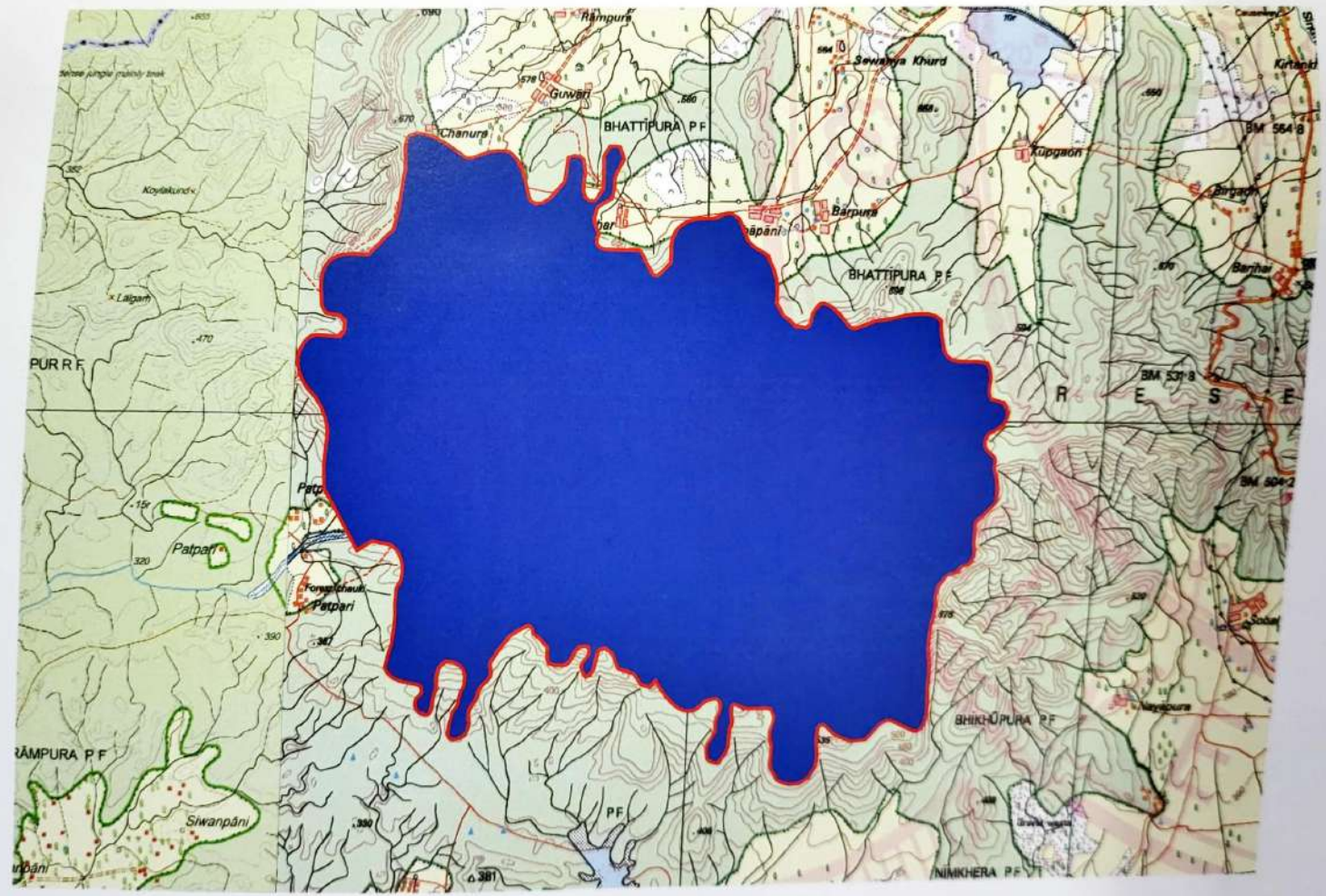
Table 1.2 Basin Characteristics of Different Sub-watersheds

S.No.	watersheds			Total Catchment Area 33.18 (Sqkm).
1	SD4	33.18 (Sqkm)	33.18	

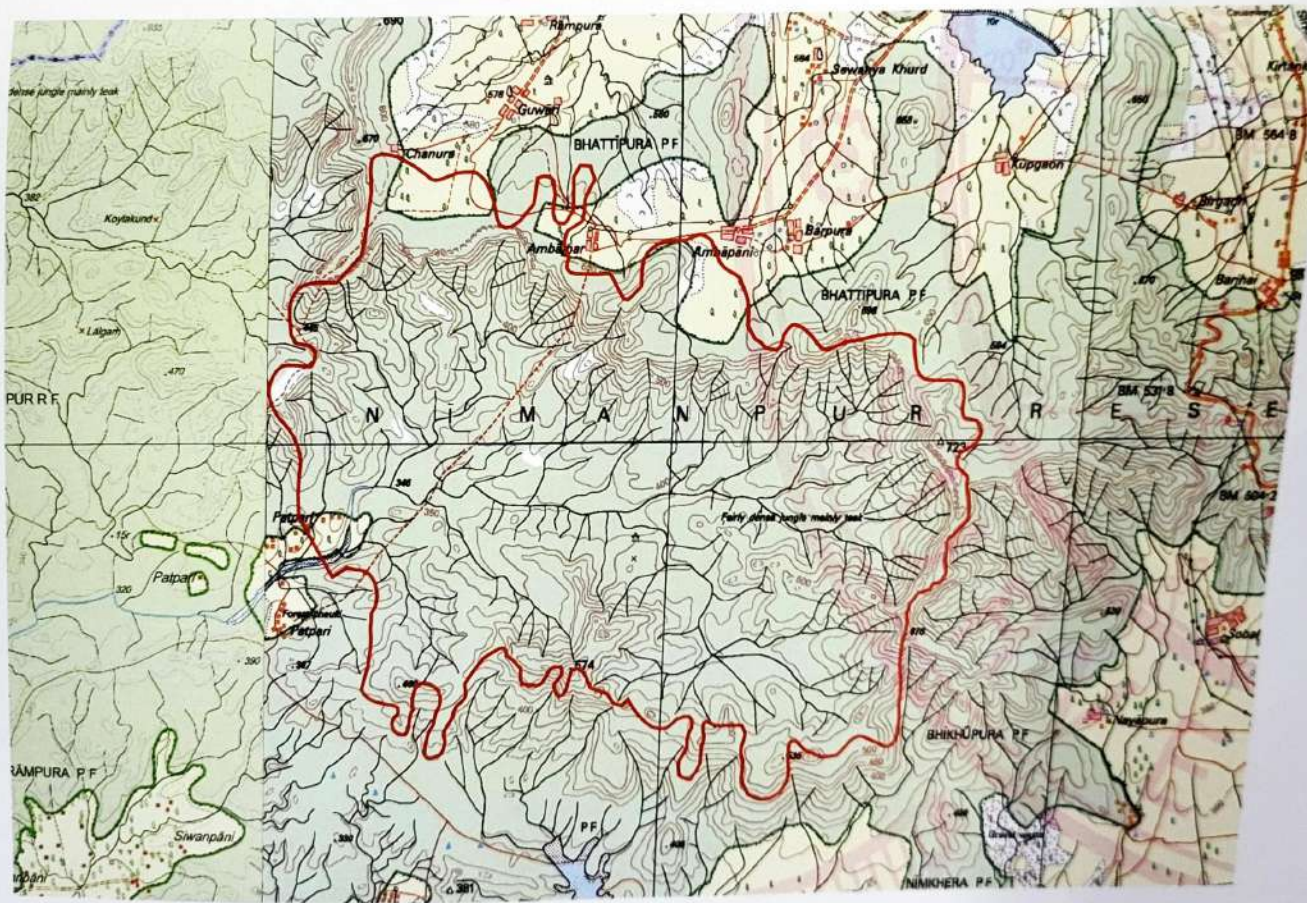
Figure 1.1: FCC Map of Catchment Area

# PATPADI TANK PROJECT

## Catchment Area of Patpadi Tank Mosaic Map



**PATPADI TANK PROJECT**  
**Total Catchment Area 33.18 Sq.Km.**



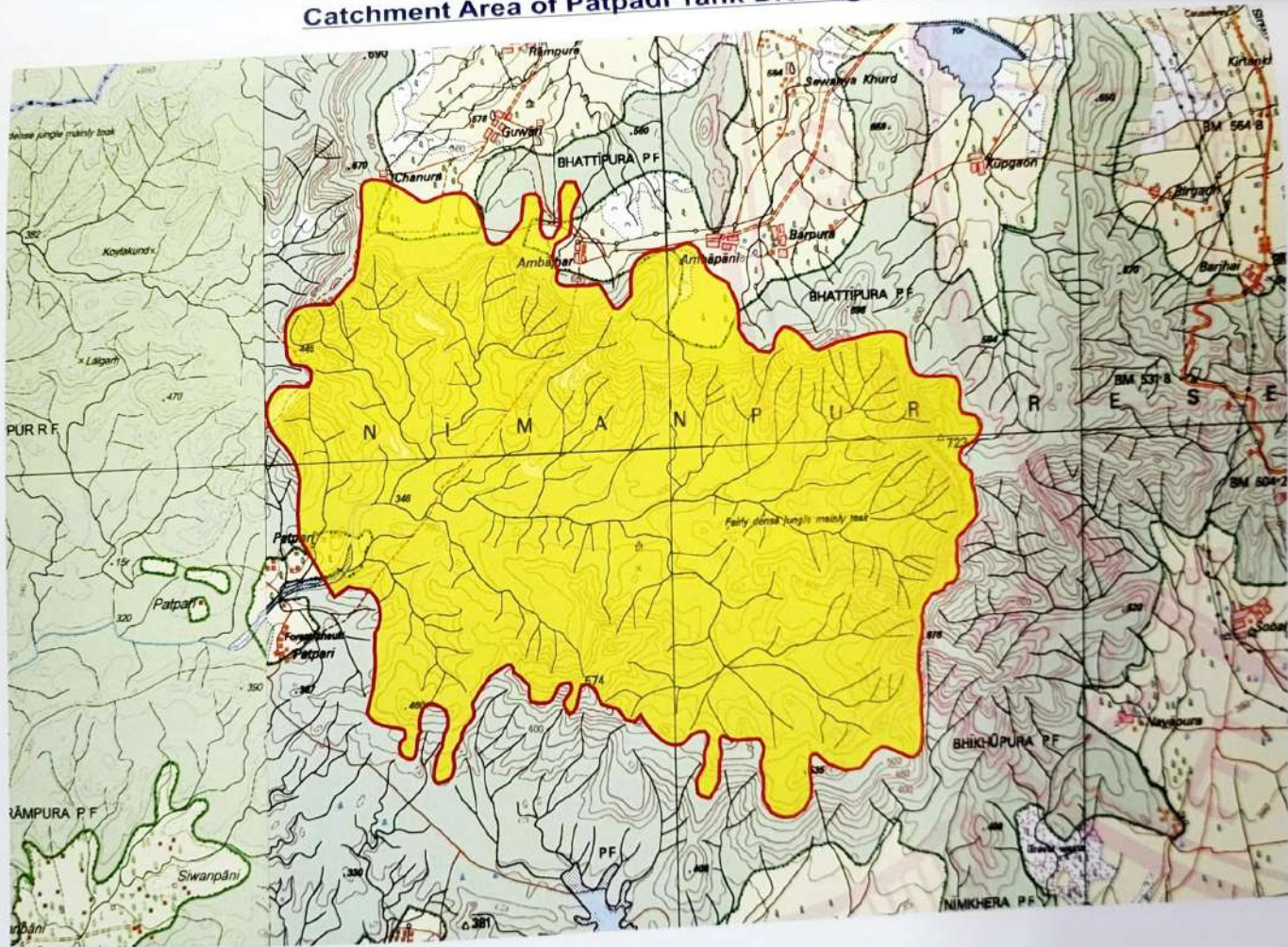
### 1.5 Topography

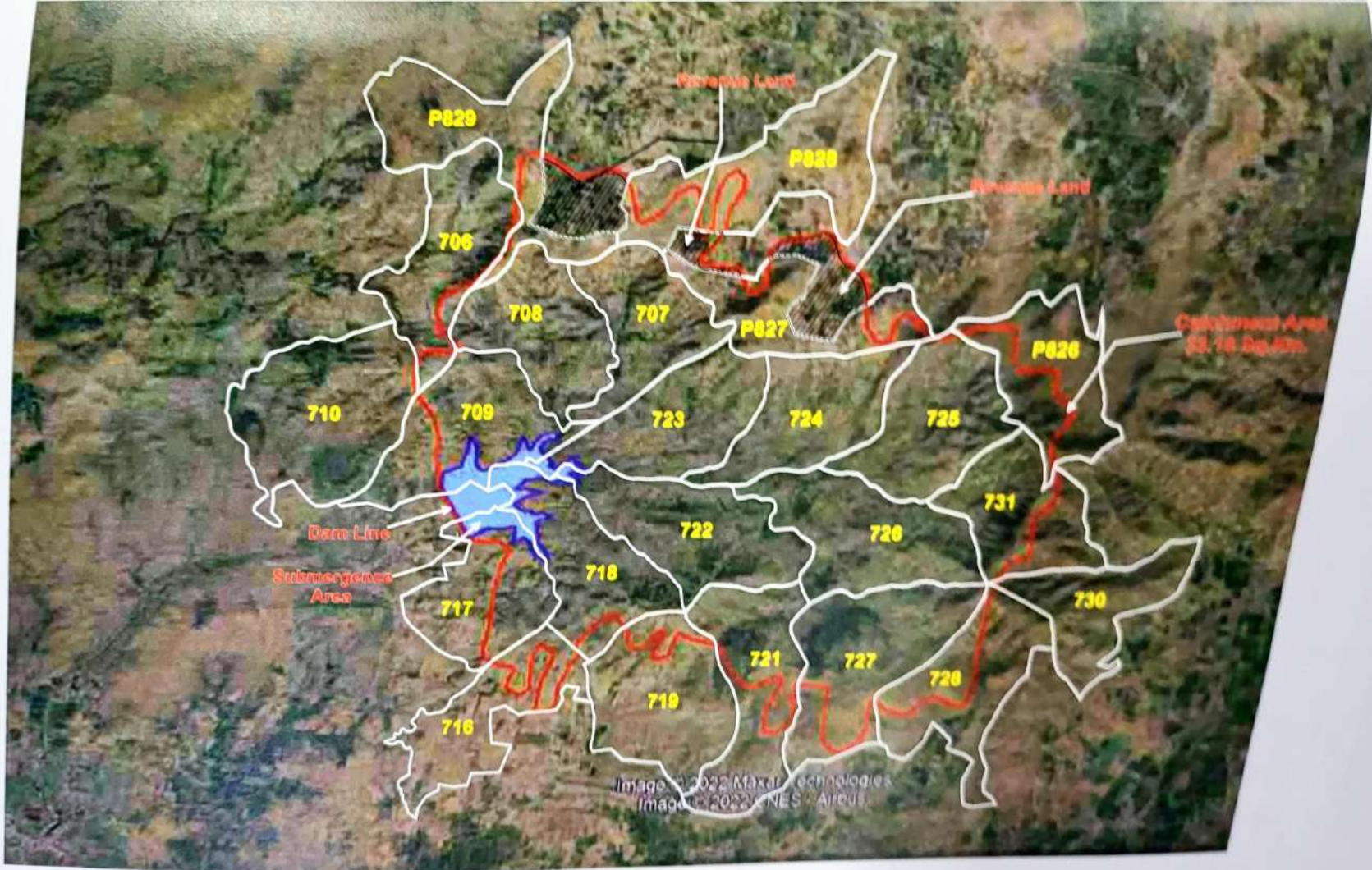
The project catchment area is hilly and nearby 80.00% of catchment is covered by forest of deciduous dry type with Teak and Mixed type.

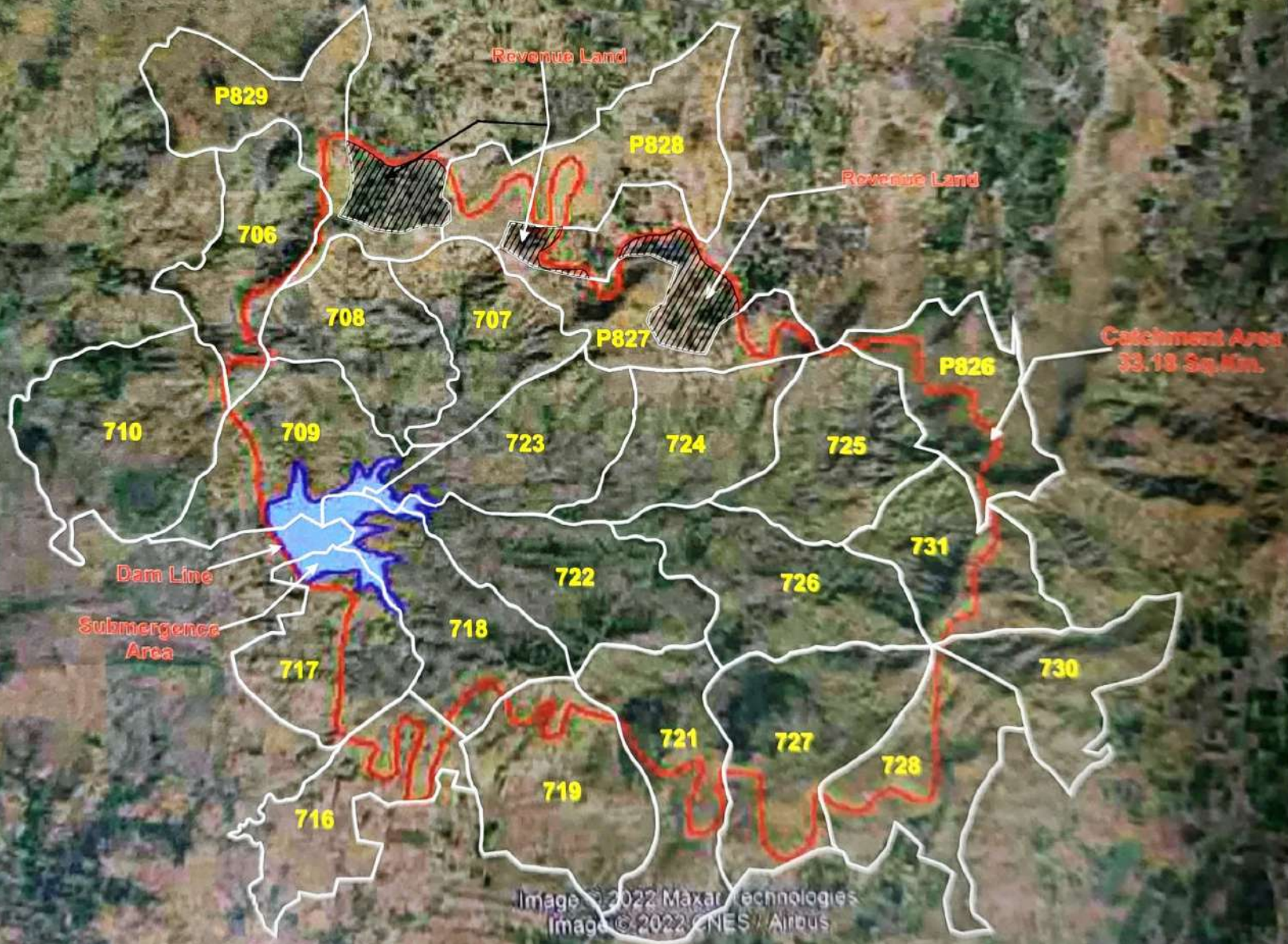
Total Catchment area of project is 33.18 Sq. Km and there are 1 proposed minor scheme Patpadi Tank on this project. The drainage map of the catchment is shown in Figure 1.3.(i)&(ii)

## Catchment Area of Patpadi Tank Scheme

# Catchment Area of Patpadi Tank Drainage Map







## 1.6 Soil

### **Soil Erosion and Forest Area Coverage:**

Soil erosion in the Satpura plateau is a major problem as the catchment area is bounded by dense forest area, which results in loss of soil fertility and such increased sediment load in the rivers. During ground survey the soil is nominally loam clay and deep brown in color i.e. hard soil and moorum.

Therefore, it is not required to ensure proper maintenance of soil functions and its health. So this project is not proposing additional measures for management interventions in the relevant watershed. The slope and the satellite maps are attached for the reference of slope and soil erosion.

Figure — 1.4: Catchment Area Forest Cover Map

## 1.7 Land use

### Land use-Land Cover Classification

Based on satellite data and topo-sheets, a land-use map has been prepared and verified in detail during ground surveys i.e. crosschecked with ground truths. The Land use/ Land-cover map of the catchment area is presented in Figure 1.5 and its details are presented in Table 1.3.



### **Land use Categories and Erosion**

The erosion acts differently in different land-use types. It is important to understand the nature of erosion in a land-use class to further plan for treatment.

#### **Agricultural Land**

Around 1.797 sq. km area of the catchment constituting 17.97% of the total catchment comes under this category. Plain to Well-planned and developed terraces were seen at some places. In general, at places the sheet and rill type of soil erosion predominates with few gullies in early stage of its development. Very few or no measures are taken to conserve soil and tendency exists to interrupt the natural drainage due to faulty agricultural practices. Runoff often exceeds the safe velocity on long slope lengths. It is suggested to repair and better design the agricultural terraces, which follows the faulty agricultural practices.

Temporary and semi-permanent soil conservation structures like brushing dams, wiring woven and gabion check dams etc. shall be made for effective adaptive management.

#### **Open/ Degraded Forest Land**

Under open/Degraded forest category about 6.013 sq. km constituting 60.13% of the total catchment, is present. Forest crown density ranges from 0-40% or on average 20% crown density can be assumed present in the area. Soils have relatively good water holding capacity, humus, nutrient content and moderate to slight erosion rates on steeper slopes. Therefore, rill erosion predominates which in due course leads to scrub land formation with gullies. Afforestation is suggested so as increase the crown density by 20% in whole of the area to reduce erosion.

#### **Dense Forest**

Dense forest covers about 2.015 sq. km area constituting 20.15% of the catchment with the forest crown density above 40%. Soils are very good in water holding capacity, humus and nutrients with no erosion but due to steeper slopes, some area requires soil conservation measures.

#### **River/ Water body**

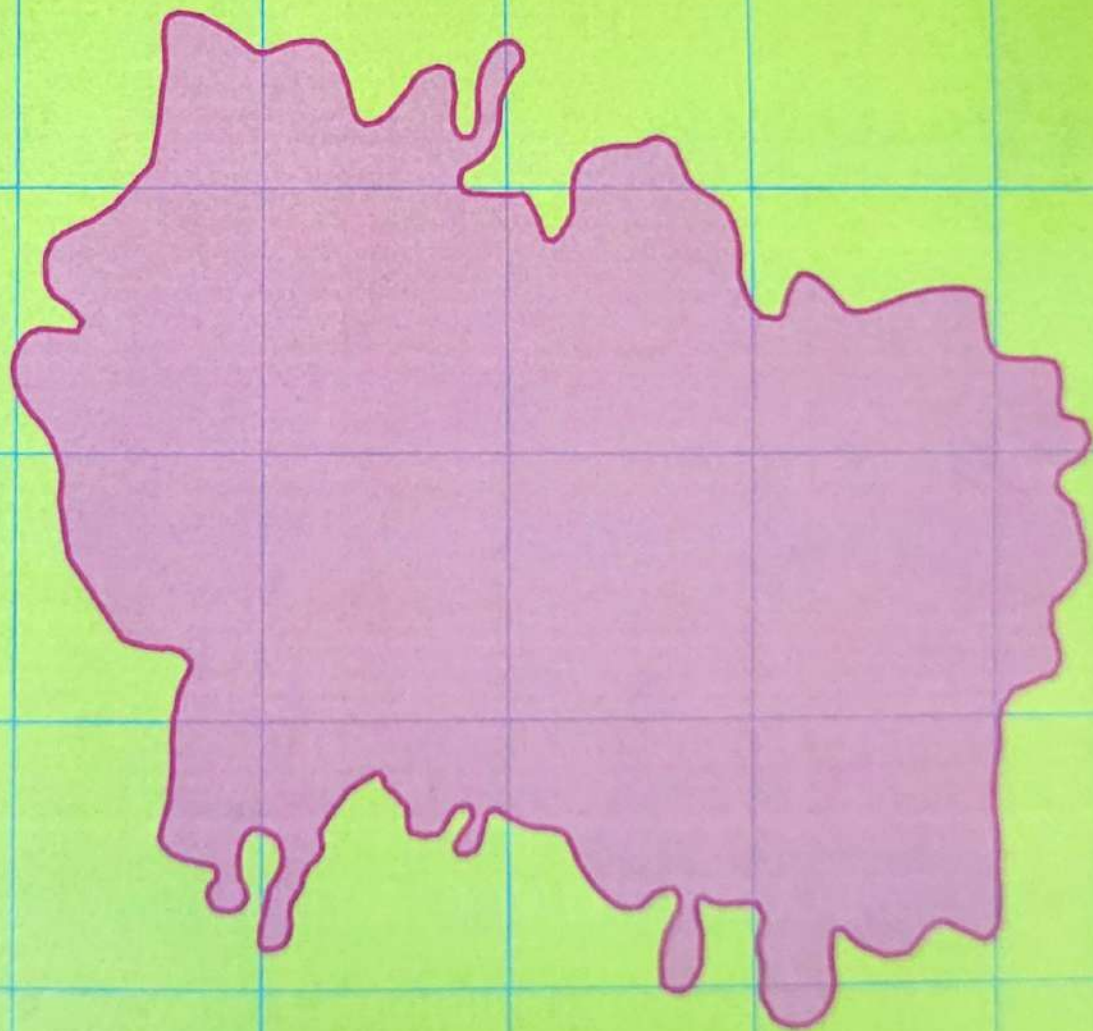
Around 0.06 Sq.km area constituting 0.60% of the catchment area is classified under waterbodies. The category needs no treatment except that the unstable bank shall be provided stream bank stabilization through protection measures whenever required.

#### **Scrub**

Under shrub category about 0.115 sq. km area of catchment constituting 1.15 % of the total catchment is present.

**Table 1.3: Land use classification for free draining catchment at Project Site**

<b>Land use/Land cover</b>	<b>Area%</b>	<b>Area (ha)</b>
River/Water Bodies	0.60%	18.90 Hact.
Agricultural Areas	17.97%	566.00 Hact.
Dense Forest	20.15%	634.72 Hact.
Open/Degraded Forest	60.13%	1894.09 Hact.
Scrubs/Bushes/Grasses	1.15%	36.29 Hact.
<b>Total</b>	<b>100.0%</b>	<b>1000 HACT.</b>



### Slope

The slope of a watershed plays a key role in controlling the soil and water retention thereby affecting the land-use capability. The percentage of the slope in a watershed determines the soil erosion susceptibility and forms the basis for classifying different of the watershed into suitable classes for formulating effective soil erosion conservation measures. Broadly, the following slope classes and ranges (Table 1.4) as per norms of All India Soil & Land Use Survey were adopted to classify the slopes for the present study.

Table 1.4: Slope Ranges showing the intensity of catchment area

Sr. No	Slope Range (Degrees)	Description
1	0-5	Very Gentle Slope
2	5-10	Gentle Slope
3	10-15	Moderate Slope
4	15-25	Moderately Steep Slope
5	25-35	Steep Slope

The Slope map of the free draining catchment is presented under **Table 1.5**.

Table 1.5: Area falling under different slope categories

Slope category	(%)	Area sq (%)
0-5	12	3.78
8-10	31	9.76
10-20	18	5.67
20-30	13	4.09
30-40	26	8.50
<b>Total</b>	<b>100</b>	<b>10.00</b>

Figure 1.5: Slope Map of Catchment

### 1.8 Methodology Used for the Study

Superimposing topography, slope, soil and land use data/maps, a tentative estimation of erosion prone areas and landslides area in the catchment were made. The vulnerable and problematic areas were identified in different physiographic zones.

These data sets were used for preparation of the thematic maps, calculation of sediment yield index and Erosion Intensity Units.

### Soil Loss Using Silt Yield Index (SYI) Method

- The Silt Yield Index Model (SYI), considering sedimentation as product of erosivity, erodibility and aerial extent was conceptualized in the All India Soil and Land Use Survey (AISLUS) as early as 1969 and has been in operational use since then to meet the requirements of prioritization of smaller hydrologic units within river valley project catchment areas.
- Methodology for the calculation of sediment yield index developed by All India Soil Et Land Use Survey (Development of Agriculture, Govt. of India) was followed in this study.

### Erosion Intensity and Delivery Ratio

- Determination of erosion intensity unit is primarily based upon the integrated information on soil characters, physiographic, slope, land-use/land-cover, litho logy and structure. This is achieved through super-imposition of different thematic map overlays. Based upon the field data collected during the field survey and published data, weightage value and delivery ration were assigned to each erosion intensity unit. The composite map for delineating different erosion intensity units was prepared through superimposition of the maps showing soil types, slope and land-use/land-cover. This thematic mapping of erosion intensity for entire catchment was done using the overlay and union techniques. Based on ground truth verification conducted during fieldwork and published data, weightage and delivery ratio was assigned to each erosion intensity units. The composite erosion intensity map was then superimposed on *the* drainage map with sub-watershed boundaries to evolve CEIU ( Composite Erosion Intensity Unit ) for individual sub-watershed.

Each element of erosion intensity unit is assigned a weightage value. The cumulative weightage values of the erosion intensity units represent approximately the relative comparative erosion intensity within the watersheds. A basic factor of  $K=10$  was used in determining the cumulative weightage values. The value of 10 indicated an equilibrium condition between erosion and deposition. Any value of  $K (10+X)$  is suggestive of erosion intensity in an ascending order whereas the value of  $K (10-X)$  is suggestive of deposition intensity in descending order.

The delivery ratios were calculated for each composite erosion intensity unit. The delivery ration suggests the percentage of eroded material that finally finds entry into the reservoir or river/stream. Total area of different erosion intensity classes (composite erosion intensity unit) in each watershed was then calculated.

The delivery ratio is generally governed by the type of material, soil erosion, relief length ratio, cover conditions, distance from the nearest stream, etc. However, in the present study the delivery rations to the erosion intensity units were assigned upon their distance from the nearest stream (being the most crucial factor responsible for delivery of the sediments) per the following scheme.

The delivery ratio criteria adopted for the study is presented in Table 1.6.

Table 1.6: Delivery Ratio (DR) Criteria

0-0.9 km	1.00
1.0-2.0 km	0.90
2.1-5.0 km	0.80
5.1-15.0 km	0.70
15.1-30.0 km	0.50

(ii) Sediment Yield Index & Prioritization of Sub-Watersheds

- The erosivity determinates are the climatic factors and soil and land attributes that have direct or reciprocal bearing on the units of the detached soil material. The relationship can be expressed as:

Soil erosivity = f (Climate, physiography, slope, soil parameters land use/land cover, soil management)

- The Silt Yield Index (SYI) is defined as the Yield per unit area and SYI value for hydrologic unit is obtained by taking the weightage arithmetic mean of the products of the weightage value and delivery ratio over the entire area of the hydrologic unit by using suitable empirical equation.
- Prioritization of smaller hydrological units within the vast catchments is based on the SYI of the smaller units. The boundary values of range of SYI values for different priority categories are arrived at by studying the frequency distribution of SYI values and locating the suitable breaking point. The watersheds/sub-watersheds are subsequently rated into various categories corresponding to their respective SYI values.
- The application of SYI model for prioritization of sub-watersheds in the catchment areas involves the evaluation of:
  - Climatic factors comprising total precipitation, its frequency and intensity
  - Geomorphic factors comprising land forms, physiography, slope and drainage characteristics
  - Surface cover factors governing the flow hydraulics
  - Management factors.
- The data on climatic factors can be obtained for various locations in the catchment area from the meteorological stations whereas the field investigations are required for estimating the other attributes.
- The various steps involved in the application of model are:
  - Preparation of a framework of sub-watershed through systematic delineation
  - Rapid reconnaissance surveys on 1:50,000 scale leading to the generation of a map indicating erosion-intensity mapping units.

- Assignment of weight age values to various mapping units based on relative silt -yield potential.
- Computing Silt Yield Index for individual watersheds/sub watersheds.
- Grading of watersheds/sub-watersheds into very high, high medium, low and very low priority categories.
- The area of each of the mapping units is computed and silt yield indices of Individual sub-watersheds are calculated using the following equations:

**Silt Yield Index**

$$SYI = (A_i \times W_i \times D_i) \times 100/A_w; \text{ where } i = 1 \text{ to } n$$

Where

$A_i$  = Area of ith (EIMU)

$W_i$  = Weight age value of ith mapping unit

$D_i$  = Delivery ratio  
No. of mapping units

$A_w$  = Total area of sub-watershed

The SYI values for classification of various categories of erosion intensity rates were taken for the present study as:

	<u>Priority Category</u>	<u>SYI Values</u>
1.	Very High	>1300
2.	High	1200-1299
3.	Medium	1100-1199
4.	Low	1000-1099
5.	Very low	<1000

Accordingly, the sediment Yield Index has been calculated for sub-watersheds. The computation of SYI for each SWS is presented in Table 1.7.

**Table 1.7: SYI and Priority Rating as per Erosion Intensity**

Watershed code	Erosion Intensity	Area (Ha)	Weightage	Area X Weightage	Delivery Ratio	Sediment Vend	Sediment Vend Index	Priority
5D4	V.Severe	252	18	4536	0.9	4082	3507.40	Medium
5D4	Severe	397	16	6350	0.9	5715		
5D4	Moderate	602	14	8428	0.9	7585		
5D4	Slight	891	12	10697	0.9	9628		
5D4	Negligible	1008	10	10080	0.8	8064		
	<b>Total</b>	<b>3150</b>	-	-	-	<b>35074</b>		

## 1.9 Catchment Area Treatment Plan

There are mainly four categories of Land uses for which a proper treatment plan should be developed. First is the Agricultural Land, as this activity can never be eliminated, because the faulty practice results in heavy loss of fertile soil. Second, being open forestland for obvious conservation reasons. Third is scrub or degraded land, which contributes heavily to the silt load and possibilities exist to bring this area under pastures and other plantation to meet the local demand of fuel and fodder and thus decreasing the biotic pressure on the forests and leading to environment friendly approach of sustainable development. The fourth and most important category is Barren land because with practically no vegetal cover, the area produces huge amount of silt load, where in a few places soil conservation measures are required. For treatment of catchment area, the areas that require treatment have been delineated from the Composite Erosion Intensity Unit Map. The sum of weightages was reclassified as per the Table 1.8 below to further subdivide the area as per the erosion intensity classes. The weightages for Land use, Slope Et Soil were summed to get the Erosion Intensity Classes.

**Table 1.8: Erosion Intensity & Weightages**

Erosion Intensity Class	Sum of weightages
<u>Very severe (E5)</u>	<u>12 to 14</u>
Severe (E4)	9 to 11
<u>Moderate (E3)</u>	<u>6 to 8</u>
Slight (E2)	4 to 5
Negligible (E1)	0 to 3

After exclusion of rocks and inaccessible terrain, only those areas which fall under very severe and severe erosion intensity category would be taken up for conservation treatment measures in very high priority category micro-watersheds, whereas in the rest of micro-watersheds belonging to other priority categories, the area falling under very severe erosion intensity class shall be taken for treatment with biological and engineering measures under the CAT Plan.

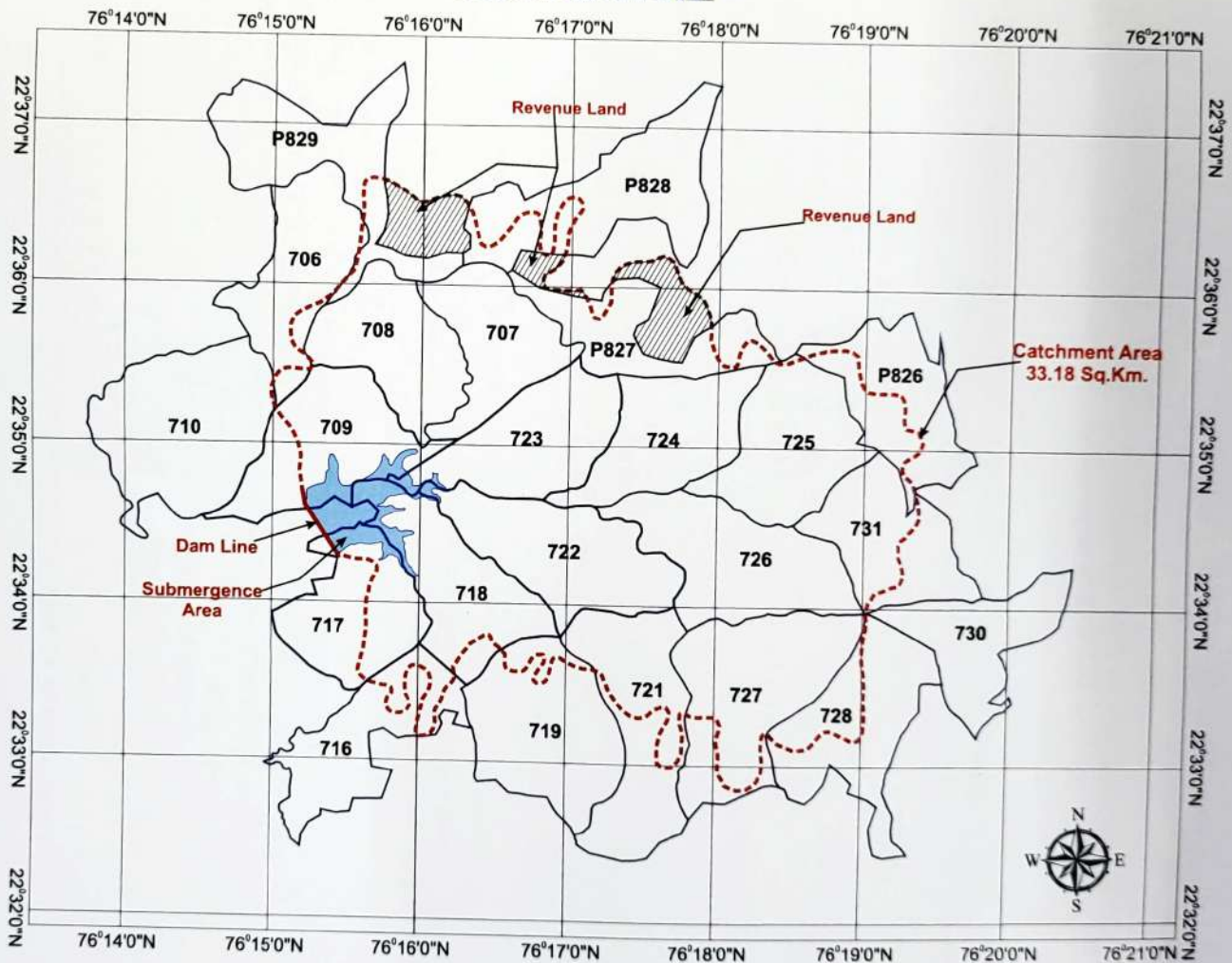
Considering the topographic factors, soil type, climate, land-use/land-cover in the catchment area following engineering and biological measures have been proposed to be undertaken with the aim to check the soil erosion, prevent/check siltation of reservoir and to maintain its storage capacity in the long run. The Aulliya Watershed Area Treatment Map is presented in **Figure 1.7** and the statistics are presented in **Table 1.9**,

**Table — 1.9: Area of Low Sediment Index Watershed Wise**

S. No. Watershed	Very Severe	Severe	Moderate	Slight	Negligible	Water bodies	Total
5D4	0.06	0.44	2.33	12.33	16.34		31.50



**PATPADI TANK PROJECT**  
**Catchment Area Treatment Plan**  
**COMPARTMENT MAP**



### **1.10 Treatment of Individual Sub-Watershed**

There are mainly five categories of land uses for which a proper treatment plan should be developed. First is the agricultural land as this activity can never be eliminated. And, agriculture activities, if faulty, result in heavy loss of fertile soil. Second, is open forest land for conservation reasons. Third is scrub or degraded land, which contributes heavily to silt load. Possibilities exist to bring this area under pastures and plantation to meet local demand of fuel and fodder and thus decreasing the biotic pressure on the forests leading to environment friendly approach of sustainable development. The fourth and most important category is barren land because with practically no vegetal cover the area produces huge amount of silt load. The fifth is dense forest land where a few places soil conservation measures are required.

In the present case, An area of 3150 ha falling under forest case would be taken up for conservation under the CAT plan within free draining catchment.

Considering the topographic factors, soil type, climate, land-use/land-cover in the catchment area following measures have been proposed to be undertaken with aim to check soil erosion, prevent/check siltation of reservoir and to maintain its storage capacity in the long run.

#### **1.10.1 Activities to be Undertaken**

##### **Enrichment Plantation**

There are a few locations within forest in the catchment area where the crown density is poor and plantation can be done to increase the patch density of crop.

##### **Treatment of Pasture**

The restoration and management of degraded pasture is a vital objective, both to provide sufficient habitat for spatial movement of the spillover species outside and within catchment area and to provide biological resources to the local populace. The pastures have their own unique significance in the geophysical, environmental and socio-economic set-up of the region. They are the prime and continual source of herbage for the wild herbivores which are prey base for carnivores, cattle, sheep and goats. These pastures are extensively grazed by the live stocks of the local people. The large scale and indiscriminate grazing of these pasture over a prolong time has left these pastures ominously degraded. The palatable grasses are no more than a few inches tall and the other related pasture species have also started showing signs of stress. Because of continuous and heavy pressure of grazing, barren patches have developed over vast areas and soil erosion is rampant in these pastures. There is an imperative need to address this abysmal and alarming situation immediately before the pastures are brought to such a condition, where, their rejuvenation becomes impossible. Owing to traditional rights of the grazers, it is difficult to restrict the number of animals grazing there. Thus, the only alternative left is to increase the productivity of these pastures to cope with the grazing pressures. The situation warrants for a realistic survey and allied research in context of entire grazing issues and formulation of an action.

plan for corrective measures within the gambit of the state policy on the subject matter. Till suchtime the following recommendations are made for the management of pastures.

- Assessment of the carrying capacity of the pastures through surveys to ascertain allowable size of live stocks.
- Periodical field checking of the size of the herds mentioned in the permits to avoid misuse by some permit holders.
- Public awareness.
- Periodical closure of areas in pastures for the proliferation of seeds of desirable grass species.
- Implementation of rotational deferred grazing system to derive the advantage of early nutritive growth and rest period during the growing season.
- Interaction with the local people and so that a sort of social fencing could be achieved.

#### Nursery Support

In order to meet the huge requirement of saplings required under biological/bio-engineering measures and reservoir rim treatment new nursery has to be developed along with support to the existing nurseries which shall also augment the supply of saplings for the works proposed.

**Table — 1.14: Basis for selection of catchment area treatment measures**

Treatment measure	Basis for selection
Social forestry, fuel wood and fodder grass development	Near settlements to control tree felling
Contour Bunding	Control of soil erosion from agricultural fields.
Pasture Development	Open canopy, barren land, degraded surface
Afforestation	Open canopy, degraded surface, high soil erosion, gentle to moderate slope
Barbed wire fencing	In the vicinity of afforestation work to protect it from grazing etc.
Step drain	To check soil erosion in small streams, steps with concrete base are prepared in sloppy area where silt erosion in the stream and bank erosion is high due to turbidity of current.
Nursery	Centrally located points for better supervision of proposed afforestation, minimize cost of transportation of seedling and ensure better Survival.

## Civil Structures

### Brush wood Check Dams and Retaining Walls

Brushes wood check dams are useful in arresting further erosion of depressions, channels, and gullies on the denuded landslides. In addition, retaining walls of stone masonry and RCC would be constructed to provide support at the base of threatened slopes.

### Slope Modification by Stepping or Terracing

The slope stability increases considerably by grading it. The construction of steps or terraces to reduce the slope gradient is one of the measures.

### Bench Terracing

The area under moderately steep slope i.e. between  $10^{\circ}$ - $15^{\circ}$  slopes would be subjected to bench terracing. The local people would be convinced to follow this type of terracing for comparatively better yield and with minimum threat to erosion. Moreover, in several habitations in the catchment such practices are already visible. While making bench terraces, care must be taken not to disturb the topsoil by spreading earth from the lower terraces to higher terraces. The vertical intervals between terraces will not be more than 1.5m and cutting depth may be kept at 50 cm. The minimum average width of the terrace would be kept from 4 to 5 m to enable usage of prolong hinge. The shoulder bunds of  $30 \times 15$  cm would also be provided. Staggered channels will drain off the excess water from the terraces.

### Gully Control-Check Dams

Gullies are mainly formed because physiographic, soil type, and heavy biotic interference in an area. The scouring of streams at their peak flows and sediment-laden run-off cause gullies. The gullies would be required to be treated with engineering/mechanical as well as vegetative methods. Checkdams would be constructed in some of the areas to promote growth of vegetation that will consequently lead to the stabilization of slopes/area and prevention of further deepening of gullies and erosion. Diverse types of check dams would be required for different conditions comprising of different materials depending upon the site conditions and the easy availability of material (stones) at local level and transport accessibility. Generally, brush wood check dams are recommended to control the erosion in the first order basin/streams in upper reaches and dry random stone masonry check dam shall be provided in the lower reaches where discharge is higher. In such stream where discharge and velocity of flow are still higher gabion structure shall be provided. Lower down the sub-watershed, i.e., in the third order drainage silt retention dams in the form of gabion structure shall be provided.

### **Stream bank Protection**

Stream bank erosion is caused by variety of reasons such as destruction of vegetative cover, mass movement on unstable bank slopes, undermining of top portion of lower bank by turbulent flow and sliding of slopes when saturated with water. The Stream Bank Protection would include wire crate boulder spurs in two to three tiers depending upon the high flood level of the streams.

### **Contour Staggered Trenches**

Contour staggered trenches are mainly provided to trap the silt and runoff. This is also done to prepare a fertile base for plantation, in moderately steep to very, very steep slopes.

### **Landslide Control**

Rainfall pattern of the area and water seepage coupled with geological formation results in landslides. Water plays an important role in triggering of landslides and mass wasting processes along with other factors such as slope and nature of soil/land-cover/land-use. However, most of the landslides are caused by human negligence. Road construction, overgrazing of hill slopes, felling of trees for timber, fuel, and fodder and upslope extension of cultivation are some of main causes of landslides. Gabion structures shall be provided at the base of the land slide zones to control the toe erosion by water.

### **Provision for Forest Protection**

The need for rigorous watch and ward of the forest covered under the catchment area becomes more imperative in view of proposed new plantation under the CAT plan and due to increased human activity in the form of labour, who shall be engaged for forestry works. Thus, fire protection measures including construction and maintenance of fire lines, construction of check-posts, watch towers have to be undertaken. Besides these construction / repair of forest boundary pillars shall also be carried out. The forest staff shall have to be properly equipped with modern utility gadgets like walky-talky, GPS and fire-fighting equipment's.

**1.11 Cost estimation for treatment in Forest area comes under Catchment Area**

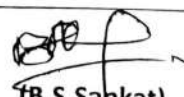
Total Catchment Area = 33.18 Sqkm  
 Total Forest area lie within C.A. = 31.50 Sqkm  
 Name of Forest Division:- Dewas, Dist. Dewas  
 Daily Wages Rate:- Rs. 338/- (Year 2022-23)

**Cost Abstract**

*(Estimate is prepared on basis of approved estimate of Patpadi dam project CAT plan.)*

S.No.	Description of Work	Qty.	Unit	Man Days per unit	Total Man Days	Daily wages	Total Amount (Rs.)
1	Boundry of catchement area demarcation.	3318	Per/ Hact.	0.45	1493.10	338.00	504667.80
2	Cleanence of Catchment area.	3318	Per/ Hact.	1.20	3981.60	338.00	1345780.80
3	Construction of contour trenching including layout	3318	Per/ RM	0.115	381.57	338.00	128970.66
4	Construction of boulder check dam.	5000	Per/ Cum	1.00	5000.00	338.00	1690000.00
5	Construction of brush wood stop dam.	3000	Per/ Cum	0.60 per Hact.	1800.00	338.00	608400.00
6	Construction of Earthen check dam.	3000	Per/ Cum	0.60 per Hact.	1800.00	338.00	608400.00
7	Construction of Pakka anicut stop dam.	Lumsum					500000
8	Purchasing of Seeds for the purpose of sowing	200.00	Kg	100 per Kg			20000.00
9	Plantation of Bamboo at the bank of earthen check dam	5000.00	No.	1.62 per Hundred	81.00	338.00	27378.00
10	Seeds sowing at contour trench and earthen check dam	20.00	per Hact.	0.535 per Hact.	10.7	338.00	3616.6
11	Purchasing of bamboo plant	5000.00	No.				60000.00
<b>Total Amount :-</b>							<b>5497213.86</b>
<b>Grand total Rs. 5497214.00/-</b>							

  
**(Mayank Parmar)**  
 Sub Divisional Officer  
 Paras Canal, Sub Division  
 Bagli

  
**(B.S. Sankat)**  
 Executive Engineer  
 Water Resources Division Dewas



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क्रमांक/मा.चि./2022/ 1929  
प्रति,

उज्जैन, दिनांक ..... 31 MAR 2022

✓ अपर प्रधान मुख्य वन संरक्षक  
(भू-प्रबंध)  
मध्यप्रदेश भोपाल

विषय :- जिला देवास के अन्तर्गत पटपड़ी तालाब परियोजना के निर्माण हेतु 72.00 हे. वनभूमि जल संसाधन विभाग को उपयोग पर देने बाबद।

संदर्भ :- आपका पत्र क्रं./एफ-3/86/2018/10-11/16/832 दिनांक 08-03-2022।

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विषयांतर्गत संदर्भित पत्र के परिपालन मे वनमण्डलाधिकारी सामान्य वनमण्डल देवास द्वारा उनके पत्र क्रं./माचि/2022/1977 दिनांक 23-03-2022 से जिला देवास के अन्तर्गत पटपड़ी तालाब परियोजना के निर्माण हेतु 72.00 हे. वनभूमि जल संसाधन विभाग को उपयोग पर देने के प्रकरण मे भारत सरकार द्वारा जारी सैद्धांतिक स्वीकृति की शर्त क्रं. A-(i) के पालन मे आवेदक विभाग द्वारा प्रेषित विस्तृत कैचमेंट एरिया ट्रीटमेंट प्लान इस कार्यालय को प्रेषित किया है, जो आपकी ओर अवलोकनार्थ एवं आवश्यक कार्यवाही हेतु संलग्न संप्रेषित है।

संलग्न :- उपरोक्तानुसार।

अपर प्रधान मुख्य वन संरक्षक  
एवं पदेन वन संरक्षक,  
उज्जैन वृत्त उज्जैन  
उज्जैन, दिनांक ..... 31 MAR 2022

क्रमांक/मा.चि./2022/ 1930  
प्रतिलिपि :-

- (1) वनमण्डलाधिकारी सामान्य वनमण्डल देवास की ओर उनके पत्र क्रं. /माचि/2022/1977 दिनांक 23-03-2022 के संदर्भ मे सूचनार्थ अग्रेषित।
- (2) कार्यपालन यंत्री, जल संसाधन संभाग, देवास की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषिकी।

अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध)  
मध्यप्रदेश, भोपाल

अपर प्रधान मुख्य वन संरक्षक  
एवं पदेन वन संरक्षक,  
उज्जैन वृत्त उज्जैन

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सं. अ.प्र.मु.व.सं (भू.प्र.)

क क्रमांक..... 687

मध्यप्रदेश, भोपाल

8/4/22

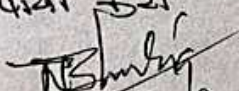
पटपड़ी तालाब योजना अन्तर्गत कैचमेंट एरिया ट्रीटमेंट योजना :-


पटपड़ी परियोजना अंतर्गत कुल 33.18 वर्ग कि.मी. क्षेत्र कैचमेंट एरिया ट्रीटमेंट योजना अंतर्गत सम्मिलित है जिसमें से राजस्व क्षेत्र वन 1.68 वर्ग कि.मी. एवं 31.2 वर्ग कि.मी. भूमि वन क्षेत्र में सम्मिलित है जिसमें कुल 22 कक्ष सम्मिलित है जिनका कैचमेंट एरिया का ट्रीटमेंट प्लान वर्ष 2022-2023 के लिये निम्नानुसार तैयार कर प्रस्तुत है :-

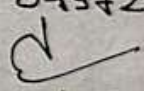
**कैचमेंट एरिया ट्रीटमेंट प्लान वर्ष 2022-2023**

प्रस्तावित क्षेत्र :- 31.2 वर्ग कि.मी

क्र.	कार्य का नाम	मात्रा	ईकाई	मा.दि.		कु.मा.दि.	द.द.	राशि
1	क्षेत्र सीमांकन	3318	हे.	0.45	हे.	1493.1	338	504667.8
2	क्षेत्र सफाई	3318	हे.	1.20	हे.	3981.6	338	1345780.8
3	कंटूर खुदाई मय लेआउट	3318	र.मी.	0.115	प्र.र.मी	381.57	338	128970.66
4	बोल्डर चेकडेम निर्माण	5000	प्र.घ.मी.	1	मा.दि.	5000	338	1690000
5	ब्रशबुड स्टाफडेम	3000	प्र.घ.मी.	0.6	हे.	1800	338	608400
6	मिट्टी चेकडेम	3000	प्र.घ.मी.	0.6	हे.	1800	338	608400
7	एनिकेट स्टॉफ डेम (पक्का स्ट्रेचर)	ल.म.						500000
8	बिज बुआई के लिये बिज कय	200	कि.ग्रा.	100	प्र.कि. ग्रा.			20000
9	मिट्टी के चेकडेम के किनारे बांस रोपण	5000	नग	1.62	प्र.से.	81	338	27378
10	कन्दूर ट्रेंच एवं मिट्टी के चेक डेम में बीज बुआई	20	हे.	0.535	मा.दि.	10.7	338	3616.6
	<b>योग</b>						या	<b>5437213.9</b>
								<b>5437214</b>

51 ~~वसु~~ रेणु हे.  
फया रुय  
  
वनपरिक्षेत्र अधिकारी  
वनपरिक्षेत्र (क्ष.) पुंजापुरा

5000 रु  
  
उप वन मण्डलाधिकारी  
वन मण्डल (सा.) बागली

कुल राशि 60000 रु. 5437214/-  
5437214/-  
  
वन संरक्षक  
एवं पदेन वनमण्डलाधिकारी  
वनमण्डल (क्षेत्रीय) देवास



22) उपरोक्त प्राक्कलन Provisional तकनीकी स्वीकृती प्रदान की गई है। कार्य समाप्त होने के उपरांत मौके पर वास्तव में कराये गए कार्य अनुसार तकनीकी प्राक्कलन आपके द्वारा प्रस्तुत किये जानें पर अंतिम रूप से तकनीकी स्वीकृती दी जावेगी।

(कमलिका मोहंता)  
अपर प्रधान मुख्य वन संरक्षक  
एवं पदेन वन संरक्षक,  
उज्जैन वृत्त उज्जैन

पृष्ठांकन क्रमांक/मा.चि./2022/ 773

उज्जैन, दिनांक..... 11 FEB 2022

- (1) महालेखाकार (ऑडिट) ग्वालियर की ओर सूचनार्थ प्रेषित।
- (2) वनमण्डलाधिकारी, (सा.) वनमण्डल, देवास की ओर उनके पत्र क्रमांक/माचि/2022/912 दिनांक 16-02-2022 के संदर्भ में सूचनार्थ अग्रेषित।

(कमलिका मोहंता)  
अपर प्रधान मुख्य वन संरक्षक  
एवं पदेन वन संरक्षक,  
उज्जैन वृत्त उज्जैन

- 8) वनमण्डलाधिकारी यह सुनिश्चित करे कि, कार्य आयोजना में निहित प्रावधानों के विपरीत कोई कार्य न हो। यदि विचलन की आवश्यकता हो तो तदनुसार प्रस्ताव तैयार कर इस कार्यालय को भेजे तथा स्वीकृती उपरांत ही कार्य कराये जावे।
- 9) शासन तथा विभाग द्वारा समय-समय पर जारी प्रशासनिक, आर्थिक तथा तकनीकी निर्देशों के पालन की जवाबदारी वनमण्डलाधिकारी की रहेगी।
- 10) मौके पर कार्य करने वाले कर्मचारी के पास स्वीकृती की प्रति, माप पुस्तिका, प्रस्तावित माप डिजाईनिंग एवं मानचित्र उपलब्ध होना आवश्यक है।
- 11) वनमण्डलाधिकारी सुनिश्चित करे, कि पूर्व में प्रस्तावित क्षेत्र में प्रस्तावित कार्य तो नहीं कराया गया है।
- 12) स्वीकृत कार्य समाप्ति उपरांत, स्वीकृति अनुसार किये गये कार्यों का कार्य पूर्णता प्रमाण पत्र निर्धारित प्रपत्र मे इस कार्यालय को भेजा जावे।
- 13) मुख्यतः कार्य मजदूरो से कराया जावे, अत्यंत आवश्यक होने पर मजदूरो की उपलब्धता न होने पर ही यांत्रिकी साधन से कार्य कराया जावे।
- 14) स्थल पर रोपण होने पर मानक आकार के पौधे लगाये जावे।
- 15) रोपण मूल्यांकन हेतु प्रधान मुख्य वन संरक्षक, म.प्र. भोपाल के पत्र क्रं. 3410 एवं दिनांक 13-11-2013 के आधार पर रिकॉर्ड रखा जावे एवं वृक्षारोपण पंजी मे चस्पा किया जावे।
- 16) माप पुस्तिका पर कराये गए कार्यों की प्रविष्टि उपरांत वन परिक्षेत्राधिकारी, उपवनमण्डलाधिकारी के हस्ताक्षर लिये जावे।
- 17) किये गये कार्यों की प्रविष्टि कक्ष इतिहास, ई-ग्रीन वॉच पोर्टल, Plantation Monitoring System मे समय-समय पर की जावे।
- 18) वनमण्डलाधिकारी प्रतिकरात्मक वन रोपण निधि नियम 2018 (CAF Rules 2018) के निर्देशो का पालन सुनिश्चित करेगें।
- 19) स्वीकृत राशि व्यय की अधिकतम सीमा है। परियोजना स्थल पर व्यय मितव्ययता रखते हुए कार्य किये जावे।
- 20) स्वीकृत राशि से अधिक व्यय न किया जावे। वास्तविक व्यय अथवा स्वीकृत राशि, जो भी कम हो, को मान्य किया जावेगा।
- 21) श्रमिकों को श्रमायुक्त द्वारा निर्धारित देय न्यूनतम मजदूरी का भुगतान सुनिश्चित किया जावे।

*Rm*

- 1) समस्त कार्य स्वीकृत जॉब दरो निर्धारित नार्म्स एवं बजट प्रावधानों के अन्तर्गत कराये जावे। यदि किसी कार्य की जॉब दर स्वीकृत न हो तो, स्वीकृती हेतु क प्रस्तुत की जावे।
- 2) कार्य की गुणवत्ता उत्तम हों।
- 3) क्षतिपूर्ति वनीकरण योजना हेतु म.प्र. शासन वन विभाग के ज्ञाप क्र./डी. /3202/3827/2001/10/3 दिनांक 7 दिसंबर 2001 एवं क्रमांक-एफ-03-11/2018 /10-2 दिनांक 14 मई 2019 एवं अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध) म.प्र. भोपाल के पत्र क्र./2019/3911 दिनांक 17-12-2019 से प्रसारित दिशा निर्देशों की कडाई से पालना सुनिश्चित करें।
- 4) क्षतिपूर्ति वनीकरण योजना हेतु मुख्य वन संरक्षक (भू-प्रबंध) म.प्र. भोपाल के पत्र क्र. /572 दिनांक 07-02-2002 एवं 79 दिनांक 08-01-2018 में निहित निर्देशों की कडाई से पालना की जावे।
- 5) सामग्री क्रय करते समय म.प्र. भण्डार क्रय एवं सेवा उपार्जन अधिनियम 2015 की धारा 7, 9, 10 एवं 11 के भण्डार नियमों का पालन अनिवार्य रूप से किया जावे। भण्डार क्रय नियमों के अन्तर्गत अनुसूची 'अ' में सम्मिलित सामग्री म.प्र. लघु उद्योग निगम अथवा भारत सरकार के गर्वमेंट ई-मार्केट पोर्टल से ही क्रय की जावे। जो सामग्री राशि रु. 1.00 लाख के अन्दर तक की कोटेशन द्वारा प्राप्त की जानी है, उसे क्रय समिति से परीक्षण कराया जावे तथा अनुमोदन वनमण्डलाधिकारी द्वारा किया जावे।
- 6) फेंसिंग पोल/जाली/तार/लोहा/स्टील एवं अन्य सभी क्रय सामग्रियों का सत्यापन उपवनमण्डलाधिकारी द्वारा किया जावेगा। क्रय तथा उपयोग की सामग्री स्टोर पंजी में स्टोर प्रभारी द्वारा अनिवार्यतः इंड्राज की जावेगी, जिसकी पुष्टि वन परिक्षेत्राधिकारी द्वारा की जावेगी।
- 7) प्रस्तावित कार्य का वनमण्डलाधिकारी/उपवनमण्डलाधिकारी/वन परिक्षेत्राधिकारी/वन परिक्षेत्र सहायक द्वारा रोपण के उपरान्त प्रतिवर्ष (वर्ष में दो बार) न्यूनतम 10% वनमण्डलाधिकारी, 20% उपवनमण्डलाधिकारी, वन परिक्षेत्राधिकारी द्वारा 50% एवं परिक्षेत्र सहायक 100% के द्वारा अनुश्रवण एवं मूल्यांकन अनिवार्य रूप से किया जावेगा।

*KM*

**आदेश द्वारा कमलिका मोहंता (भा.व.से.) अपर प्रधान मुख्य वन  
संरक्षक, एवं पदेन वन संरक्षक उज्जैन वृत्त उज्जैन**

:: आदेश ::

आदेश क्रमांक/मा.चि./2022/ 09

उज्जैन, दिनांक...11/02/2022

प्रकरण अन्तर्गत वनमण्डलाधिकारी, (सा.) वनमण्डल, देवास द्वारा उनके पत्र क्रमांक/माचि/2022/912 दिनांक 10-02-2022 से वनमण्डल देवास के परिक्षेत्र उदयनगर के कक्ष क्रं. 709 एवं परिक्षेत्र पुंजापुरा के कक्ष क्रं. 714, 716, 717, 718, 722 एवं 723 में पटपड़ी तालाब परियोजना निर्माण हेतु कार्यपालन यंत्री, जल संसाधन संभाग देवास को 72.00 हे. वन भूमि प्रस्तावित व्यपवर्तन के प्रकरण में भारत सरकार पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय के पत्र क्रं./8-10/2020-FC दिनांक 02-03-2021 से 72.00 हे. वन भूमि व्यपवर्तन हेतु प्रथम चरण सैद्धांतिक स्वीकृति में उल्लेखित शर्त क्रं. 1 के अनुसार कैचमेंट एरिया ट्रीटमेंट प्लान तैयार कर निम्नानुसार प्रेषित किया है:-

क्रं.	कार्य का नाम	मात्रा	ईकाई	मानव दिवस		कुल मानव दिवस	दैनिक दर	राशि
01	क्षेत्र सीमांकन	3318	हे.	0.45	हे.	1493.1	338	504667.8
02	क्षेत्र सफाई	3318	हे.	1.20	हे.	3981.6	338	1345780.8
03	कन्दूर खुदाई मय लेआउट	3318	र.मी.	0.115	प्र.र.मी.	381.57	338	128970.66
04	बोल्डर चेकडेम निर्माण	5000	प्र.घ.मी.	1	मा.दि.	5000	338	1690000
05	ब्रशबुड स्टापडेम	3000	प्र.घ.मी.	0.6	हे.	1800	338	608400
06	मिट्टी चेकडेम	3000	प्र.घ.मी.	0.6	हे.	1800	338	608400
07	एनिकेट स्टाप डेम (पक्का स्ट्रेचर)	ल.स.						500000
08	बीज बुवाई के लिये बीज क्रय	200	कि.ग्रा.	100	प्र.कि.ग्रा.			20000
09	मिट्टी के चेकडेम के किनारे बांस रोपण	5000	नग	1.62	प्र.से.	81	338	27378
10	कन्दूर ट्रेंच एवं मिट्टी के चेकडेम में बीज बुवाई	20	हे.	0.535	मा.दि.	10.7	338	3616.6
11	बांस रोपण हेतु पौधा क्रय	5000	नग					60000
योग :-								5497214

वनमण्डलाधिकारी, (सा.) वनमण्डल देवास द्वारा उपरोक्त कैचमेंट एरिया ट्रीटमेंट योजना की म.प्र. बुक ऑफ फायनेशियल पावर्स 2012 भाग II एवं म.प्र. शासन वित्त विभाग के ज्ञाप क्रं./621/3/नियम/चार दिनांक 03-09-03 से वानिकी कार्यों की तकनीकी स्वीकृति हेतु प्रदत्त वित्तीय अधिकारों के तहत वनमण्डलाधिकारी, (सा.) वनमण्डल, देवास द्वारा प्रेषित कैचमेंट एरिया ट्रीटमेंट योजना रु. 5497214/- (रु. चौवन लाख सतानवे हजार दौ सौ चौदह मात्र) की Provisional तकनीकी स्वीकृति निम्न शर्तों के अधीन प्रदान की जाती है :-

*Km*

कार्यालय कार्यपालन यंत्री जल संसाधन संभाग, देवास (म.प्र.)

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वचन-पत्र

जल संसाधन विभाग, जिला देवास के अन्तर्गत पटपडी जलाशय परियोजना (Forest Proposal No. FP/MP/IRRIG/20556/2016) की वन विभाग से प्रथम चरण स्वीकृति प्राप्त हो चुकी है। वृक्षारोपण योजना में किसी परिवर्तन के फलस्वरूप राशि अन्तर के भुगतान हेतु वचनबद्ध हूँ एवं दर सूची में परिवर्तन के कारण नेट प्रेजेंट वेल्यू राशि में अन्तर के भुगतान हेतु वचनबद्ध हूँ।



(एल.एस. जाधव)

कार्यपालन यंत्री

जल संसाधन संभाग देवास

# कार्यालय कार्यपालन यंत्री जल संसाधन संभाग, देवास (म.प्र.)

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## UNDERTAKING

For Patpadi Tank Project, Dewas we undertake to ensure afforestation along the periphery of the reservoir;



(एल एस ज़िंदान)

कार्यपालन यंत्री

जल संसाधन संभाग देवास

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## UNDERTAKING

For Patpadi Tank Project, Dewas we undertake no construction of buildings /labour camp/huts shall be allowed on the forest land.



(एल एस जादौन)

कार्यपालन यंत्री

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## UNDERTAKING

For Patpadi Tank Project, Dewas we ensure that the forest land located between FRL and the FRL-4 meters may be afforested by planting appropriate indigenous tree species;



(एल एस ज़मदैन)

कार्यपालन यंत्री

जल संसाधन संभाग देवास



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## UNDERTAKING

For Patpadi Tank Project, Dewas we ensure forest land shall not be used for any purpose other than that specified in the proposal and under no circumstances be transferred to any other agency, department or person;



(एल एस जादौन)

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## UNDERTAKING

For Patpadi Tank Project, Dewas we ensure in consultation with the State Forest Department shall create and maintain alternate habitat/home for the avifauna, whose nesting tress are to be cleared in this project. Bird nests artificially made out of eco-friendly materials shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;

  
(एल एस जादौन)  
कार्यपालन यंत्री  
जल संसाधन संभाग देवास

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## UNDERTAKING

For Patpadi Tank Project, Dewas we ensure to provide alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;

  
(एल एस जादीन)

कार्यपालन यंत्री  
जल संसाधन संभाग देवास

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## UNDERTAKING

For Patpadi Tank Project, Dewas we undertake that Boundary of the forest land proposed to be diverted will be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing, distance from pillar to pillar and GPS co-ordinates



(एल एस जादौन)

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## UNDERTAKING

For Patpadi Tank Project, Dewas we undertake that State Government shall maintain the character of the projects as an irrigation project and to ensure continued benefit to the farmers in the command area, into more diversion of water from the project for industrial projects will be permitted in future.



(एल एस जादौन)

कार्यपालन यंत्री

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