

Greening under Turnkey Projects and Corporate Social Responsibility(CSR)



FOREST DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

CIN : U45200 MH 1974 SGC 017206
(Govt. of Maharashtra Enterprise)

TURNKEY & CSR PLANTATIONS



CSR Plantation - 2014 rains
Babupeth C. No. 485 / 486



Turnkey Plantation
Old Kunada - 2012 rains



Turnkey Plantation
Telwasa - 2011 rains



Turnkey Plantation
New Kunada - 2010 rains

Sudhir Mungantiwar

Hon'ble Minister for Forests,
Finance & Planning,
Maharashtra State



Government of Maharashtra



MESSAGE

I am glad to know that FDCM Ltd. is coming up with the pictorial booklet **“Greening under Turnkey Projects & Corporate Social Responsibility”**.

The FDCM Ltd. has undertaken projects of plantation and landscaping on turnkey basis since, 1990 on the lands of Government Departments, Corporations, Autonomous Bodies, Public Institutions, Public Sector Undertakings etc.

In total, 305 projects costing over Rs. 3455.30 lakhs spreading over Thane, Pune, Mumbai, Nashik, Nagpur, Chandrapur and Yavatmal districts under Turnkey and Corporate Social Responsibility (CSR). More than 60.00 lakh seedlings have been planted over an area of 1996.08 ha. under these projects. Apart from enhancing the aesthetic value of urban areas, these projects have helped in reducing pollution of mining and industrial areas.

I hope this booklet will bring out the aspects of Turnkey Projects and Corporate Social Responsibility (CSR).

I congratulate the FDCM Officers and Staff behind this booklet and wish all the best for many more such ventures in the coming years.

(Sudhir Mungantiwar)

Vikas Kharage, IAS
Secretary (Forests)
Revenue and Forest Dept.
Government of Maharashtra



Government of Maharashtra

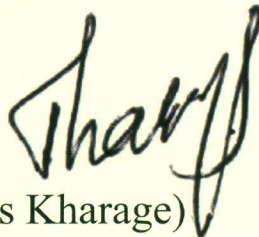


MESSAGE

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The FDCM Ltd. Has undertaken projects of plantation and landscaping under Turnkey and Corporate Social Responsibility since 1990 on the lands of Government Departments, Corporations, Autonomous Bodies, Public Institutions, Public Sector Undertakings etc. Apart from enhancing the aesthetic value of urban areas, these projects have helped in reducing pollution of mining and industrial areas.

I appreciate the efforts made by the FDCM Ltd. in bringing this informative booklet and my best wishes for the upcoming ventures.


(Vikas Kharage)

Sarjan Bhagat, IFS
Managing Director,
FDCM Ltd. Nagpur



FOREWORD...

Sustainable development requires integration of social and economical activities and its impact on environment. The rapid increase in population, urbanization and industrialization etc. have resulted in limiting the land availability for forestry activities. Therefore, there is necessity to increase the productivity. Forest Development Corporation of Maharashtra Limited has strived to increase in productivity, by taking up genetically superior Teak plantation on miscellaneous forest.

Along with improvement of productivity, by proper management of land resource on scientific principles of management, Forest Development Corporation of Maharashtra Ltd. is conserving environment and wild life for sustainable development.

Afforestation activities implemented by FDCM Ltd., under the guidance of General Manager, WFP & Afforestation Region, through WCL, KEMTA, NHAIF funding and other agencies, have substantially reclaimed dump sites, road sides and other open areas in Chandrapur, Nagpur, Yavatmal, and Nashik districts, under Turnkey and Corporate Social Responsibility (CSR). The vegetation has stabilized there and natural species have also come up on the slopes of the dump & other areas where such greening activities are taken up.

I appreciate the efforts made by Shri. G. R. K. Rao, IFS Chief General Manager (Planning) and all concerned staff in bringing this informative booklet for the benefit of all interested stake holders.

My best wishes to all on the occasion of New Year, 2016.

(Sarjan Bhagat)

Thank You !



INTRODUCTION

In 1969, the Forest Development Board was constituted with the main objective of conversion of low value miscellaneous forests into economically valuable forest. Taking into account the experience gained in working of the Forest Development Board and recommendations of National Commission on Agriculture, the FDCM Ltd. was created as Government owned Company in the year 1974 with a view to convert inferior miscellaneous forest into superior teak forests with appropriate silvicultural system. Thereafter, the plantations raised by the Board were transferred to this Company.

The Government of Maharashtra has allotted 3.60 lakh ha. forest area (i.e. approximately 6% of total forest area of the state.) to the FDCM Ltd. The FDCM Ltd. has been managing these areas with appropriate silviculture system through approved Management Plans prepared in consonance with the State/National Working Plan Codes. Since inception, the FDCM Ltd. has raised plantations over 5.25 lakh ha. which is a record in itself in terms of quantity as well as quality. Further, it has assets worth 800 crores as Teak Plantations, as per book value and as per the market value, it may be 4-5 times more. The FDCM Ltd., being very old and premier organization is known for its successful management of the forests and also for raising of successful teak and other plantations in the areas, which were entrusted to the Corporation.

MANDATE

The main objectives of the Company are to raise plantations of species yielding higher revenue in place of low value miscellaneous forests, development of forests, production of different forest produce and treatment thereon and to generate employment in the rural areas. Besides this, the Company is also engaged in activities such as raising plantations on turn-key basis, eco-tourism, Gorewada International Zoo Project, conservation and development of medicinal plants, production & sale of vermi-compost etc.

MANAGEMENT OF THE COMPANY

As per the Indian Companies Act 1956, the management of the Company is vested with the Board of Directors. Under the Articles of Association of the Company, the power to constitute the Board of Directors is conferred on the Governor of Maharashtra. For the sake of management of the Company, the State Govt. appoints renowned personalities and knowledgeable persons from the field of Forestry, Banking, Management Institutions, Govt. officers in Forests & Planning Department as Directors. The Board of Directors frame the policies and the Managing Director is entrusted with the responsibility of its implementation as well as day-to-day functioning of the Company.

A Core Activities Of The Company

i) PLANTATION ACTIVITIES:

Ever since the formation of Forest Development Board in 1969, the plantations over 5.30 lakh ha. areas have been raised under various programmes / schemes. These plantations are mainly of Teak & Bamboo in addition to those of Sisoo, Shivan & other miscellaneous species.



Teak plantation 2012 comp. no. 440
Hiwra Range FPD Nagpur



Medicinal species plantation
Adulsa (*Adhatoda vasica*)

ii) SALE OF TIMBER, FIREWOOD & BAMBOO:

Sale of forest produce such as timber, firewood & bamboo etc, obtained from harvesting activities conducted at various sale depots of Forest Project Divisions through open auctions.

Production

Year	Timber (lakh cmt)	Poles (lakh)	Firewood (lakh cmt)	Bamboo (lakh)	B.Bundles (lakh)
2010 - 11	0.35	11.29	2.59	77.82	5.88
2011 - 12	0.45	11.65	2.20	82.54	3.60
2012 - 13	0.34	11.52	1.91	68.53	1.89
2013 - 14	0.25	8.70	0.81	45.96	3.03
2014 - 15	0.24	9.50	0.83	75.39	5.35
2015 -16 (Sept. 2015)	0.10	4.21	0.096	44.18	4.49



Thinning material at Ballarshah Sale Depot



Teak Timber Lot at Ballarshah sale Depot

iii) **SEEDLING PRODUCTION:**

Nursery Development Unit was established under Maharashtra Forestry Project in the year 1992-93 with the main objective to produce seedlings on large-scale by using advanced techniques. Under this Unit, 4 root trainer nurseries and 4 clonal nurseries were established with locations on Thane, Nashik, Chandrapur & Gondia Forest Project Division and two root trainer nurseries at Yavatmal & Nagpur Forest Project Divisions.

ISO 9001-2008 certificate for quality production, sale of teak stumps/plants has been awarded to Chulband Nursery, Gondia.



**Teak Nursery, Chulband,
Forest Project Division, Gondia**

Teak Bed Nursery



R T Nursery



Bamboo Nursery

iv) **SEED COLLECTION:**

A Seed Unit was set up at Nagpur in 1992-93 & at Nashik in 1999-2000 under Maharashtra Forestry Project with an objective of supply of high quality seed to enhance the productivity of plantations. These Units are equipped with facilities for collection, treatment, testing, certification & storage of seeds.

The identified **seed source areas** available with FDCM Ltd for collection of source identified seeds are as follows:

- | | |
|--------------------------------|----------------------|
| 1) Seed Stands [SS] | : 34 sites - 461 ha |
| 2) Seed Production Areas [SPA] | : 85 sites - 1764 ha |
| 3) Teak Seed Orchards [TSO] | : 34 sites - 107 ha |

ISO 9001-2008 certificate for production and sale of quality seeds has been awarded to Seed Unit, Nagpur.



Seed Unit, Nagpur



Teak Seeds

ECO-TOURISM:

Eco-tourism projects for staying facilities for tourists at following sites are managed by the FDCM Ltd.

- i. Moharli and Kolara (Tadoba-Andhari Tiger Reserve).
- ii. Nagzira, Pitezari and Umarzari (Navegaon-Nagzira Tiger Reserve).
- iii. Bor (Bor Tiger Reserve).
- iv. Navegaon (Navegaon-Nagzira Tiger Reserve).
- v. In Navegaon-Nagzira Tiger Reserve home stay facility by Self-Help Group is provided at Kosamtondi.

The booking is available on **Mahaonline Website: www.mahaecotourism.gov.in** for tourists.



Eco-Tourism Complex, Pitezari



Eco-Tourism Complex, Bor

B Diversified Activities

i) Diversified activities

Besides turnkey plantation and CSR plantations, FDCM Ltd. engaged in the activities such as Eco-tourism, Gorewada International Zoo Project at Nagpur, Conservation and Development of Medicinal Plants, production & sale of vermi-compost etc.

ii) Turnkey Afforestation and Landscaping Projects

The FDCM Ltd has undertaken projects of plantation and landscaping on turnkey basis since 1990 on the lands of Government Departments, Corporations, Autonomous Bodies, Public Institutions, Public Sector Undertaking etc on mutually agreeable terms and conditions.

The details of turnkey projects undertaken by the company

In total, 305 projects costing over Rs. 3455.30 lakhs spreading over Thane, Pune, Mumbai, Nagpur, Chandrapur and Yavatmal districts have been successfully completed. More than 60.00 lakh seedlings have been planted over an area of 1996.08 ha under these projects. Apart from enhancing the aesthetic value of urban areas, these projects have helped in reducing pollution of mining and industrial areas.

Number of projects undertaken by FDCM Ltd. on Turnkey basis since 1990 is given in the following table:-

Region	Completed project site works				Ongoing Projects			
	No. of Project work sites	Plants (in Lacs)	Area in ha.	Cost of Project (in Lacs)	No. of Projects	Plants (in Lacs)	Area in ha.	Cost of Project (in Lacs)
North Chandrapur	152	41.06	1313.90	1580.92	11	17.33	634.43	1791.87
Nagpur	38	8.68	302.50 7.35 km	464.72	8	1.50	60.00 40.80 Km.	419.54
Nashik (Thane)	115	10.26	379.68 14250 sq.m.	1409.66	4	0.34	14250 sq. m.	47.67
Sangali					2	1.25	90.00	330.00
WFP. & Affo.					1	1.11	100.00	216.00
Total	305	59.96	1996.08 ha. 7.35 Km 14250 sq.m.	3455.30	26	21.53	893.93 ha. 40.80 Km 14250 sq.m.	2805.08

At present, 26 projects belonging to 8 agencies involving a cost of Rs 2805.08 Lacs are in progress. The target for the year 2009-10 to 2014-15 (Upto Sept. 2015) is 21.53 Lacs seedlings for target area of 893.93 ha, and 40.80 Km. maintenance.

The agencies which have awarded turnkey projects to the Company.

- 1) Western Coalfields Limited, Nagpur
- 2) Air Force, Vayusena Nagar, Nagpur
- 3) Indian Oil Corporation , Mumbai
- 4) Oil and Natural Gas Corporation, Mumbai
- 5) Bharat Petroleum Chemicals Limited, Mumbai
- 6) Municipal Corporation, Bruhan Mumbai
- 7) Municipal Corporation, Thane
- 8) Pimpri-Chinchwad Municipal Corporation
- 9) Jawaharlal Nehru Post Trust, Mumbai
- 10) Konkan Irrigation Corporation
- 11) Film City Goregaon, Mumbai
- 12) Power Grid Corporation, Borivali
- 13) BSES, Thermal Power Station, Mumbai
- 14) Western Railways, Mumbai
- 15) National Highway Authority of India
- 16) NTPC, Mouda
- 17) KECL, Bhadrawati
- 18) OFC, Chandrapur etc.



JNTP, Uran Block Plantation



ONGC, Uran Saru Plantation

Types of turnkey projects undertaken by the Company:

[1] **Stabilization of Mining Dumps:** These plantations have been undertaken in Western Coalfields Ltd. areas in Nagpur and Chandrapur districts. The overburden soil in mining areas is dumped on ground forming mounds. These mounds need stabilization and reclamation through afforestation. Sterile soil and sloppy configuration of these areas have been indeed challenging for the company to tackle with. Plantation of over 25 tree species have been undertaken to clothe these sites with vegetation cover. These plantations have proven successful in reducing air pollution and reclaiming soil resulting in restoration of eco-balance in the area.



Reclamation of Mining Areas WCL, Chandrapur

[ii] **Industrial Plantations**

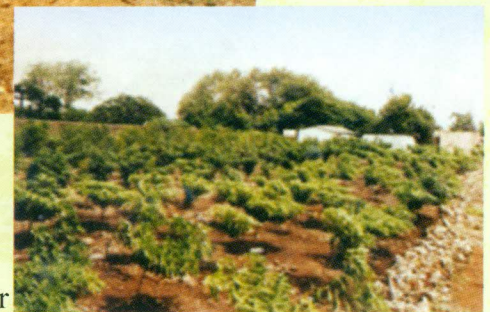
Plantations have been undertaken in the areas of Thermal Power plants at Chandrapur, BSES, Mumbai, Panvel, Dahanu etc, ONGC, JNPT, Hindustan Coca-Cola etc. Besides enhancing aesthetic value of these areas, these plantations have helped in mitigating effects of industrial pollution in and around these areas.

iii] **Garbage Dump Reclamation**

In urban areas garbage is often dumped in open sites which generate foul smell and create unhygienic conditions for residents living in vicinity. Garbage dump reclamation activity has been undertaken in the urban locations of Pune, Nasik, Pimpri-Chinchwad, Mumbai and Thane Municipal Corporations. Plantation of misc. species of environmental and aesthetic value has been undertaken on these sites to reduce pollution and enhance beauty of these areas.



Before



After

**Impact of
Plantation
at MCGM
Dump. Site**

iv] **Mangrove Plantations**

Mangroves are found in coastal areas and act as natural barriers against coastal erosion. Because of heavy industrialization and expanding commercial activities in the coastal areas mangroves are being destroyed. As a consequence, coastal areas have been exposed to wide-spread coastal denudation and erosion. The situation had become so alarming that the Hon'ble High Court Bombay had to intervene to impress upon the govt. to undertake coastal protection measures. Over the years, FDCM Ltd has gained expertise in undertaking mangrove plantations and has raised plantations on TMC, JNPT, ONGC, MCGM, MRVC, CCF. Kandalwan forest areas.



(v) **Afforestation work on the degraded forest land**

Afforestation work on the degraded forest areas having density of below 0.4 within the State of Maharashtra, the Govt. has decided to implement through F.D.C.M. Ltd. the programme of Afforestation and Rehabilitation of degraded forest with participation of private sector through participation of WCL. Chandrapur area as the funding authority implemented through FDCM and Forest Department as per the instructions given by PCCF (HOFF) M.S. Nagpur vide his letter No. Desk-17/Nodel Cell /RS/215/2012-13, dated 7 May 2013 and whereas the licensees desire to participate and assist Forest Department in implementing the said afforestation program in the degraded forest land of Chandrapur Division in District Chandrapur and more particularly described in the Schedule in accordance with the Govt. Program for Afforestation/Rehabilitation of degraded forests and as approved by the above referred instructions of the PCCF (HOFF) of Maharashtra herein referred to as the approved scheme.

[vi] **Landscaping and Beautification of Urban Areas**

- FDCM Ltd has undertaken landscaping and beautification plantation in the campus of the Film City Development Corporation, Goregaon. Landscape plantations have been created in the Film City as per requirement of film shooting locations.



Filmcity, Goregaon

- **Avenue Plantation**

Tree plantations along the National Highways, Railways and city roads have been undertaken by FDCM in Mumbai, Thane, Nasik and Chandrapur region to mitigate effects of air and noise pollution. Besides, mitigating pollution these plantations have helped in beautifying and enhancing the aesthetic appeal of these areas.



NHAI, Panvel



Avenue Plantation



Nerium Oleander

SAHYADRI FLORAL BIO-PARK, KUNDAL

Kundal Academy of Development Administration & Management (Forests), situated near village Kundal, District Sangli is a prestigious institute of Maharashtra State. Developed with an aim to impart training to various cadres in forest service, the institute sprawls over an expanse of 11.2 ha area. Sahyadris Floral Biopark has been established on nearly 5 hectares of open rugged terrain of Kundal Forest Academy campus. It envisages showcasing rare floral diversity of Western Ghats, aiming at enhancing conservation awareness of the trainees, local populace and the visitors. Sahyadri Floral Biopark covers nearly 2.00 ha of open rugged tract of academy campus. It embodies theme specific plantation under 12 distinct themes to place focus on their conservation and multiple use value so as to have a distinct and clear impact on visitors.

Theme specific plantations undertaken under various themes are as follows.

1. Sahyadri Floral Collection
2. RET Floral Collection
3. Sacred Species Collection
4. Nakshtra -van Collection
5. Ethno – Botanical/MAP Collection
6. Royal Floral Collection
7. ENV Friendly Species Collection
8. Ornamental species collection
9. Birds attracting species
10. Rose Collection
11. Herbal Collection
12. Cactus Collection



Sahyadri Floral Bio-Park at Kundal



Landscaping

• **LANDSCAPE PLANTATION**

Landscaping and beautification of surround interspaces of academy buildings and road median have been done to enhance aesthetic and conservation value of academy campus, as follows.

1. Landscape Planting
2. Butterfly Garden
3. Bonsai Collection
4. Aesthetic Groves
5. Kitchen Garden Species Plantation

➤ **Shelterbelt Plantations Along Boundary**

➤ **Avenue Plantation Along Roads**

➤ **Nature Trail & exhibits**



Road Divider Landscaping

BIO-DIVERSITY PARK
RAJBHAVAN COMPLEX,
SEMINARY HILL, NAGPUR

Rajbhavan complex extends over to an area of 49 hectares, of which, 19 hectares is under existing Rajbhavan building, other building structures, facilities and land uses. Remaining 30 hectares of the Raj Bhavan Complex was utilized for developing the Biodiversity Park, Raj Bhavan Complex being an integral part of Seminary Hill forest tract – the Green Lung of Nagpur City- is a significance site for its location and ecological point of view. Due to its strategic location, in the midst of Nagpur city, it is aptly suited for developing as a Floral Bio-park [VANASPATI UDYAN] for 'conservation and showcasing the unique floral biodiversity and landscape values' of the Gondwana landscape for disseminating green awareness in the central region of the country.

Theme-wise plantation of more than 300 different species in Bio-park includes:-

- 1) Ethanobotanical collection of 57 species with 1669 plants.
- 2) Aromatic species plantation of 24 species with 591 plants.
- 3) Sacred species collection of 38 species with 924 plants.
- 4) Environmental friendly and air purifying species of 18 type with 323 plants.
- 5) Ornamental species of 24 type with 596 plants.
- 6) Bambusetum of 10 species with 228 plants.
- 7) Palmatus of 18 species with 307 plants.



Bio-Diversity Park, Raj Bhavan, Nagpur



Rock Garden

- 8) Native species plantation of 40 species with 1790 plants.
- 9) Nakshatra Rare, Dashmul and bulbaceous species plantation of 56 species with 341 plants.
- 10) Bird attracting species of 13 varieties with 230 plants.
- 11) Butterfly attracting species of 30 varieties with 771 plants.
- 12) Cacti & Succulent species of 38 varieties with 1250 plants.
- 13) Shelterbelt plantation of 21 species with 1782 plants.

OTHER PROJECT COMPONENTS.

- Construction of Nature Trail of 1.70 KM length.
- Construction of watch tower.
- 50 Bird nests have been prepared and erected on the trees at appropriate sites.
- Waterfall construction near the Rajbhavan building.

➤ Website of the project

bioparkrajbhavannagpur.in has been developed.

➤ Inauguration of biopark have been done on

22nd December, 2011 at the hands of Hon'ble Governor of Maharashtra and Chief Minister of Maharashtra State.

➤ Post creation of this Bio-park, FDCM Ltd. has been entrusted with the task of maintenance as well.



Nakshatran

GUIDELINES ON TURNKEY PLANTATION

With a view to assist environmental amelioration initiatives of other government, semi-government and private agencies and to undertake plantation/ afforestation projects on their behalf on turnkey basis the following guidelines have been issued.

(1) **Scope of the turnkey projects:**

Turnkey projects of raising plantations can be taken up on Government lands as well as private lands belonging to individuals. In case of private areas, minimum size of project should be 10.00 hectares and/ or Rs.25.00 Lakh, as the estimated cost of the project, on profit making basis only.

(2) **Cost of project preparation:**

Project preparation cost should be borne by the prospective organizations individuals willing to raise plantations on their lands. Such cost should be recovered in advance before taking up the preparation of project report.

(3) **Preparation of cost estimates:**

The cost estimates should be prepared in due consideration of possible wage rise and will include staff cost, travel cost, supervision cost, all other direct/indirect cost applicable to the project and profit to FDCM Ltd. The total establishment cost of staff, who are engaged in execution of project, should be recovered from the project authorities. In addition to that the provision of 20 percent profit should be made while preparing the estimate of the project in the form of service charges. However, General Manager/ Regional Manager may have flexibility and competitive spirit while fixing up the profit component in order to capture better market and have more profitability in the long run.

(4) **Effective period of the project:**

This should be decided in advance in consultation with the concerned organization. It should be as small as possible. No period over 36 months should be considered without prior consent of Managing Director.

(5) **Protection of work areas:**

Terms of this item should be clearly spelt out. FDCM Ltd. is not expected to work as other's watchman. If required proper safeguard against the cattle grazing should be ensured and the same should be reflected in the estimates by way of enclosures. The project working sites/ areas should be clearly identified by authenticated maps.

(6) **Labour Supply or Employment**

The applicable statutory rate of payment of daily wages to the labourers for the project works should be confirmed from the legal point of view before preparing the Project Reports and the same should be reflected in the estimates. All the works should be carried out on piece rate basis. No *barmahi* or daily wage labour(s) should be created under this project. Labour(s), if required, may be hired strictly on short term contract basis. Mechanized methods may be explored for making project cost effective.

(7) **General terms and conditions of the agreement:**

The proposal including terms and conditions of the agreement and also the estimates including rates of item for the project with project cost exceeding the powers sub-delegated to the General Manager / Regional Manager, should be got approved from the Managing Director separately, before entering into / execution of the contract with the concerned party *and before* implementing the works. It should be ensured that the project sites are free from encroachments and removal of encroachments shall be the responsibility of the indenting agency. The suitable arbitration, jurisdiction clause should be provided in the agreement.

(8) **Technical powers / Administrative approval of the project:**

Within the powers sub delegated to them, the General Manager/ Regional Manager will accord both technical sanction and administrative approval to the projects. In case of projects exceeding General Manager/ Regional Manager power, the General Manager / Regional Manager will send the proposals to Managing Director for necessary sanction after scrutinizing the same from all the aspects including its technical aspects etc. While doing so the General Manager / Regional Manager shall ensure that the project is profitable and interest of FDCM is safeguarded and the activity shall not result in loss to it.

(9) **Negotiation for rates and terms and conditions:**

The General Manager / Regional Manager should negotiate the rates and terms and conditions with the interested parties. However, due care should be taken not to put FDCM in any awkward position or to any legal complications. The FDCM's interest should be safeguarded.

(10) **Working Capital for execution of works:**

The FDCM's funds should not be blocked for such projects. The funds provided in advance by the interested parties should only be utilized for the execution of works. Necessary Security Deposit should be taken in advance before start of works.

(11) **Regarding deduction of Income Tax:**

As the FDCM is treated as contractor in such projects, the deductions of Income Tax at source is done by the contracting agency. In case the Income Tax is deducted by the concerned authority, at source, a certificate from the authority to that effect will be required which should be obtained by the concerned Divisional Manager. This certificate should then be submitted by the concerned Divisional Manager to the Head office for claiming the deductions of income tax already paid in the Income Tax returns of the Company.

(12) **Regarding works contract liability/Transfer of Property Right to use of Sales Tax on the contract of Turnkey Project:**

Maharashtra Works Contract Act/ Transfer of Property Right to use of Sales Tax is applicable on the total consideration. Whether the provisions of this Act are applicable to the turnkey projects to be undertaken by the FDCM or, otherwise, need to be ascertained from the Sales Tax consultant by the concerned the General Manager / Regional Manager. Further, if applicable, the calculation of such Sales Tax on the bills of the Company *will be required to be charged by the FDCM from the user agency.*

(13) **Monthly & Quarterly Progress Reports:**

Physical and Financial Progress reports should be obtained by the concerned the General Manager / Regional Manager from the Divisional Manager and submitted to the office of the Managing Director regularly on monthly and quarterly basis till the completion of the project works.

(14) **Time to time inspection of works:**

The technical inspections from time to time should be ensured to know the success of the works well in time

(15) **Necessity of Insurance:**

This may be examined separately for each project. If found necessary, the cost should be included in the estimates.

(16) **Sharing of the expenditure/loss due to natural calamities etc.**

While finalizing the draft agreement, the the General Manager / Regional Manager should ensure that the unforeseen loss due to major reasons like natural calamity or other should be borne by the concerned agency. The full burden of this should be put on the concerned agency.

(17) Unless and until the funds required are received in advance, no works should be started. Payment stages and terms should be clearly stated. The General Manger/Regional Manager should take periodical review of due installments of funds to be received from the agency.

(18) The utilization of the premises, machinery etc. for doing work should be examined, discussed and decided with the concerned authorities. Necessary decision about this and any charges thereby should appear in the Agreement.

(19) **Completion reports:**

Commitment for signing a joint completion report at a fixed time should be duly incorporated in the Agreement.

(20) **Final Report:**

Final report on every turnkey project after completion indicating profit to FDCM Ltd. should be submitted within 3 months after completion of project. Necessary book entries on completion of the project should be ensured on completion of the Project.

(21). Provisions for incentive to the staff engaged in implementation of the Turnkey Project up to 10 percent of the profit of the company, in relation to a particular project would be incorporated in Project. Similarly, provision for sumptuary allowance shall be made for facilitating processing/negotiations, expediting/ completing agreement formalities, publicity and other contingent aspects up to an extent of 10 percent of the project cost.

(22) Proper and effective implementation of guidelines shall be ensured through the following mechanism of regular periodic review both at GM/ RM level and at headquarters.

i) Six monthly review shall be taken at GM/ RM level and would be reported to Head Quarter along with issues discussed, suggestions and/or modifications proposed for effective implementation of guidelines.

ii) Review of implementation at HQ level shall be taken once in a year to ensure effective implementation of guidelines as well as project activities.

(23) The profitability of the project would be carefully examined and ensured at the time of preparation of project. Profitability of each project shall be ensured at HQ level. Opinion of CA&FA in this regard, shall be taken.



Turnkey Plantation
Ordnance Factory, Chanda
Plantation, 2012 rains



Turnkey Plantation
Karnataka EMTA, Chandrapur
plantation, 2011 rains

GUIDELINES REGARDING CORPORATE SOCIAL RESPONSIBILITY (CSR) PLANTATION

The following guidelines are laid down by forest department

- i) The FDCM will be allowed to take up plantation activity in the forest area identified through mutual consent by Forest Department, FDCM and User Agency.
- ii) The plantation activity may be carried out strictly in accordance with the prescriptions of the approved working plans.
- iii) The forest department will allow the FDCM to carry out plantation and maintenance activity at the selected sites for a mutually agreed duration/period.
- iv) After completion of the plantation period, FDCM will cease to have any interest whatsoever in the plantation and the area will be taken over by the Forest Department.
- v) The plantation sites will be jointly demarcated by the Forest Department and FDCM before allowing the FDCM to carry out the plantation activity.
- vi) FDCM will be responsible for the protection and success of the plantation. No labor camps etc. will be allowed to be established inside the forest area.
- vii) The Forest Department, through CCF(T) may prescribe other conditions as deemed fit for allowing plantation activity in the forest area by FDCM Ltd., through mutual consent in writing.
- viii) The modalities regarding funding will be worked out between FDCM Ltd., and User Agency whereas Forest Department will have no involvement in it.
- ix) FDCM will ensure that the provisions of Forest (Conservation) Act, 1980 are strictly followed by them and the User Agency.
- x) It is specifically clarified that the FDCM is being allowed only to take up plantation activity on the identified forest lands and such forest lands or any portion thereof are not being assigned to them or User Agency by way of lease or otherwise within the meaning of section 2 (iii) of Forest (Conservation) Act, 1980.
- xi) No trees should be cleared for taking up afforestation activity.
- xii) FDCM Ltd. should take adequate precaution to prevent incidences of forest fires, grazing and illicit felling of trees in the plantation area.
- xiii) The FDCM will be solely responsible for the success or failure of the plantation. However, three-member committee having representative of Forest Department, FDCM and User Agency may periodically review the plantation work.

The Forest Development Corporation of Maharashtra Ltd. accordingly may enter into agreement with User Agency after which Chief Conservators of Forests (Territorial) will allow FDCM to access the plantation sites and take up work.

- **TARGET AREAS FOR CORPORATE SOCIAL RESPONSIBILITY (C.S.R.) FUNDS**

- **Funding High Tech nurseries :**

Industry can adopt/ fund/ High tech nurseries that are operationalized through linkage with Universities/ Research Centers so that high yielding varieties get propagated for mass adoption by people.

Approach : The industry can fund the University/ Research Center engaged in providing genetically superior planting material in coordination with FDCM.

- **Adopting RET animal/plants :**

Industry/Corporate house can adopt selected animal/plant and provide fund for its conservation

Approach : The industry / Corporate houses can sponsor the above activities through FDCM in coordination with Forest Department.

- **Adopting selected wet lands :**

Industry can adopt selected sites of wet lands and provide fund for the activities contained in the Management Plan for its conservation.

Approach : The industry / Corporate houses can sponsor the above activities through FDCM in coordination with Forest Department.

- **Funding for soil and moisture conservation:**

Industry / Corporate house can support intensive soil moisture conservation activities to improve the water regime which support agriculture in the Forest areas of FDCM/ Forest Department, implemented through self help groups, JFM committees, gram sabhas etc.

Approach : Industry/Corporate houses can sponsor above activities through FDCM in co-ordination with Forest Department.



CSR Plantation, 2014 rains in C.No. 518 West Chanda FPD

CONTACTS FOR TURNKEY & CSR PLANTATIONS THROUGH FDCM LIMITED

- **Managing Director, Forest Development Corporation of Maharashtra Ltd.**
12, Rawel plaza, Kadbi Chowk, Kamptee Road, Nagpur-440014.
Phone-0712-(O) 2533442, 2533475, 2526563, 2532509 (R) 2539995
E-mail : – md@fdcm.nic.in

- **General Manager, WFP & Affo.Region, F.D.C.M. Ltd.**
12, Rawel Plaza, Kadbi Chowk, Kamptee Road, Nagpur-440014.
Phone-0712-(O) 2555941, 2533442, 2533475, 2526563 (R) 2555401
E-mail : _ gm.wfp@fdcm.nic.in

- **General Manager, Nagpur Region, F.D.C.M. Ltd.**
'The Ark', Near St. Michael Church, Mohan nagar, Nagpur-10.
Phone/Fax-0712-(O) 2554327, 2555428 (R) 2242858
E-mail : _ gm.nagpur@fdcm.nic.in

- **General Manager, Nashik Region, F.D.C.M. Ltd.**
Van Vikas Bhavan, Kalika Mandir Rd., Nashik -422 002.
Phone/Fax-0253-(O) 2594941 (R) 2594940
E-mail : gm.nashik@fdcm.nic.in

- **General Manager, North Chanda Region, F.D.C.M. Ltd.**
Mul Road, CHANDRAPUR-442401.
Phone-07172-(O) 255596 (R) 255472
Fax-07172-250375
E-mail : _ gm.nchanda@fdcm.nic.in

- **General Manager, South Chanda Region, F.D.C.M. Ltd.**
Shastri Nagar, Mul Road, Chandrapur-442 401.
Phone-07172-(O) 256239, 250118 (R) 255749
Fax-07172-256239
E-mail : _ gm.schanda@fdcm.nic.in

- **Regional Manager, Sangli Region, F.D.C.M. Ltd.**
Balaji Celebration building,
2nd floor, Ganpati Mandir Road, Neminath Nagar, Sangli- 416416
Phone-0233-2304420
E-mail- rm.sangli@fdcm.nic.in

TURNKEY & CSR PLANTATIONS



CSR Plantation

Turnkey Plantation at
Kolar Pimpri Dump Yard



Turnkey Plantation at
Juna Kunada - 2013 rains

Turnkey Plantation at
Dhorwasa - 2011 rains



FOREST DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

SALIENT FEATURES

- ◆ FDCM Ltd. is among few public sector enterprises in India running in profit, continuously since 1988-89.
- ◆ ISO-9001-2008 Certified Seed Unit and Nursery for quality teak seed and planting stock.
- ◆ Significant contribution in greening of Maharashtra. FDCM Ltd. raised 5.30 lakh ha. plantations, so far, including 1.44 lakh ha. teak plantations, having market value of approx. Rs. 3200 crore.
- ◆ Since 1990, successfully implemented Turnkey Plantation in industrial area, 304 projects covering approximately 2500 ha. area by planting 60 lakh plants of the project cost Rs. 35.00 crore.
- ◆ Established Bio-diversity park, at Raj Bhavan, Nagpur and Sahyadri Floral Biopark at Kundal Forest Academy, Sangli district.
- ◆ Creation of 30 lakh man-days annually
- ◆ Conservation and Development of Medicinal and Aromatic Plants for its sustainable management and use.
- ◆ Development of an International Standard Zoo, Bio-park and Rescue Centre at Gorewada, Nagpur for conservation of biodiversity, promotion of eco-tourism and dissemination of awareness about conservation.
- ◆ Promotion of Eco-tourism at Tadoba Andhari, Navegaon-Nagzira and Bor Tiger Reserves.
- ◆ Co-operation in creation of 7 sanctuaries and 3 Tiger Projects.
- ◆ Bio-diversity and wildlife conservation measures have resulted in abundant presence of wild animals including Tiger in FDCM areas.



Upcoming FDCM Administrative Building



Forest Development Corporation Of Maharashtra Limited

CIN : U45200 MH 1974 SGC 017206

(Govt. of Maharashtra Enterprise)

Regd. Office: **Office of the Managing Director**

Plot No. 12, Rawel Plaza, Kadbi Chowk, Kamptee Road, Nagpur-440 014

Phone-2532509, 2533442, 2533475, 2526563 Fax-91-0712-2551686

Email: mdfdcm1td@gmail.com / md@fdcm.nic.in

* For more information : www.fdcmltd.com

* For online resort booking: www.mahaecotourism.gov.in