

THE OBJECTS FOR WHICH THE COMPANY IS ESTABLISHED

(As mentioned in “MEMORANDUM AND ARTICLES OF ASSOCIATION OF TRIPURA FOREST DEVELOPMENT AND PLANTATION CORPORATION LIMITED, 1976”)

(A). The main objects to be pursued by the Company on its incorporation.

1. To acquire on lease or otherwise from the Government of Tripura, the Rubber plantations and some other plantations established under the Government auspices in the State of Tripura and to cultivate, develop and carry on the business of planters, sellers and dealers in Rubber, Citronella and other plantation produces.

2. To develop land in the State of Tripura acquired by the Company by purchase, lease or otherwise for forest resources by raising thereon Plantations of economically important species like Teak, bamboos and any other suitable forestry and horticultural species as well as those of Tea, Coffee, Co-coa, Citronella grass, plamarosa grass, ginger, Turmeric, Cinnamon, cloves, Camphor, Pepper, Areca nut, coconut, Oil palm and other palms, cotton and other agricultural and horticultural crops of every description.

3. To plant, grow cultivate, produce and raise plantations of all kinds or varieties of forest plants, trees and crops and natural products of any kind and other agricultural or horticultural crops, medicinal or aromatic plants and to buy, sell, export, import, process, distribute and otherwise deal in all kinds of forest plants, forest produce, trees, crops, natural products and agricultural and silvicultural cash crops.

4. To purchase, lease or otherwise acquire, hold, sell, develop, manage, work, exchange, make advances upon, turn to account, dispose of and deal in or in any interests in, lands, concessions, estates, plantations and agricultural lands, forest and trading rights in any part of the State of Tripura and to cultivate, grow, cure, prepare, for the market, manufacture, sell and deal in Rubber, Coffee, Tea, Co-coa, Citronella grass, Palmorosa grass, ginger, Turmeric, Cinnamon, Cloves, Camphor, Pepper, Areca nut, coconut, Spices, Rice, paddy, Cereals flax, Grains, Grane and fruit, cotton in all its forms, Oil palm, honey, bone, Fish, Fish products and other natural as well as artificial manure and agricultural and other products of all sorts and generally to carry on the business of planters and growers of and dealers in produce and merchandise.

5. To carry on business of timber and lumber merchants, lumber yard and Saw mill, shingle mill and to buy, sell, prepare for market, process, import, export and otherwise deal in timber piles and poles, lumber and wood of all kinds and to manufacture and deal in articles of all kinds in the manufacture of which timber or wood or any other forest produce is used, to carry on the business of logging, lumbering, purchasing, acquiring and leasing timber berths and so far as may be deemed expedient the business of general merchants in any other business which may seem to the Company capable of being conveniently carried on in connection with any of the above; or calculated directly or indirectly to render profitable or to enhance the value of the Company's property or right for the time being.

6. To carry on business as manufacturer of and dealers in plywood, pulpwood, matchwood, hardwood, wood blocks for flooring and other purpose, boxes, windows, doors,

wood pulp, wood wool, masts, spurs, derricks, sleepers, tool handles, paneling, wood work, furniture and articles of all description wholly or partly made from wood or forest produce, the waste products or by products of wood or forest produce.

7. To carry on the business of planters, cultivators, sellers and dealers in Tea, Coffee, Co-coa, Citronella grass, Palmorosa grass, ginger, Turmeric, Cinnamon, Cloves, Camphor, Pepper, Areca nut, coconut, Oil palm and other palms, tobacco, cotton and other agricultural crops, medicinal crops of every description and to manufacture, dispose of, sell and deal in products or such plantation and other agricultural crops, horticulture crops, medicinal crops and aromatic crops of every description.

8. To apply for acquire, by purchase or other wise in any part of the Slate of Tripura and to make, build, construct, provide, maintain, improve, equip, control, develop, manage, administer, carry on, use and work in any part of the State of Tripura, roads, ways, Railways, Tramways, cable ways, electric light, cannels, reservoirs, water works, wells, aqueducts, water course, furnaces, gas works, piers, wharves, markets, saw and other mills, storages, hydraulic works, power, supply works, factories, buildings, plant, engines, machineries, rolling stock, ware houses, boats and other works and buildings (including telegraphic lines and telephones) which may be deemed expedient for the purposes of 1,2,3,4,5,6 and 7 aforesaid of the Company and to contribute to the cost of making, building, constructing, providing, carrying on, equipping, developing, using and working the same.

9. To establish or acquire and carry on the business of farmers, grazers, cultivators, store keepers, cattle breeders, stockmen, dealers in hides, skins, fat and other animal products, provision preservers, timber merchants, timber growers, lumbermen, saw mill proprietors, merchants, exporters and importers and general traders.

10. To carry on any other business or businesses whatsoever and where-so-ever which may in the opinion of the Board of the Company be conveniently carried on in connection with any business which the Company is authorized to carry on or calculate directly or indirectly to enhance the value of or render profitable any of the companies properties or rights and to transact any or every description of agency, commission, commercial manufacturing, mercantile and financial business.

11. To maintain, conserve, protect, preserve the plants, crops, trees raised or come up naturally on the land leased or owned by the Company, and to undertake maintenance, preservation, protection and development of the existing fauna.

12. To carry on business of felling, converting, dragging, hauling, marketing, processing, standardizing, distributing and selling the forest products naturally or otherwise grown or raised on the lands leased or owned by the company.

(B) Objects incidental or ancillary to the attainment of the main objects:-

1. To promote or assist in the promotion of any other Company or Companies established for any purpose which may seem directly or indirectly to benefit this. Company or to advance the objects and interests thereof, and to take and otherwise acquire and hold shares in any

such Company or Companies and to guarantee the payment of debentures or other securities issued by such Company or Companies.

2. To purchase, subscribe for, under-write, take or otherwise acquire and hold, sell, mortgage and deal in shares, stock, bonds, options, debentures, debenture stock or obligation in any other Company or Corporation, or of any Government or State, and together in any guarantee or security for the payment of dividends or interest thereon or in relation thereto.

3. To apply the assets of the company in any in or towards the establishment,

maintenance or extension of any association. Institution or fund, in any way connected with any particular trade or business or with trade or commerce, generally and particularly with the trade including any association, Institution or fund for the protection of interests of the masters, owners and employers against loss by bad debts, strikes, combinations, fire accidents or otherwise or for the benefit of any clerks, workman or others at any time employed by the company or any of its Predecessors in business or other families or dependents.

4. To guarantee the payment or performance of any debts, obligations and to accept property. ~ on trust, and to act as trustees, executor, administrator, receiver or attorney, either gratuitously or otherwise.

5. To sell, exchange, improve, manage, develop, lease, mortgage, charge, dispose of, turn to account or otherwise deal with, all or any part of the assets and rights of the company.

6. To manufacture, process, prepare for market, revise and otherwise manipulate and deal in and turn to account of materials and commodities grown or produced by the company and all refuse and bye-products derived there from.

7. To carry on business as planters, cultivators, sellers and dealers in Teak, timber, wood, ply-wood, pulpwood, match-wood, hardwood, and such other products of every description and in Rubber, honey, Tea, Coffee, Co-coa, Citronella grass, palmorosa grass, ginger, Turmeric, Cardamom, Cinnamon, Cloves, Camphor, Pepper, Areca nut, Coconut, Oil palm and other palms, cashew, cotton and other agricultural crops of every description as well as in all aromatic plants, horticultural, medicinal crops, floricultural crops and pisciculture and to manufacture, dispose of , sell and deal in any products of such plantations and other forest, horticultural, agricultural, floricultural crops and other types of crops of every description.

8. To establish, administer, own and run industries or institutions manufacturing or dealing in forest products and other products as indicated in the memorandum.

9. To promote the development of forest industries, to operate suitable schemes and for that purpose to prepare and get or cause to be prepared reports, blue-prints, statistics, feasibility studies and project reports and other information.

10. To promote, assist and finance any individuals, companies, firms, establishments, concerns or undertakings for the purpose of development of industries based on forest produce and other produces as indicated in the memorandum.

11. To produce, grow, process, export, import and deal in all varieties of forest seeds, garden seeds, farm seeds and seeds of all kinds and fodder of all varieties and any kind of produce or by-products there from.

12. To deal in all kinds of chemicals, manures, fertilizers, pesticides, weedicides, fungicides, pharmaceutical products.

13. To undertake, transact and execute any scheme of Government or any other authority related to forests or forestry and all kinds of agency business and trusts of all kinds.

14. To purchase, take on lease, license, barter, or otherwise acquire for the purpose of the Company and estates, lands, plantation buildings, machinery, industrial units, roads, railways, railway sidings, ropeways or other interests in immovable property and to mortgage, sell, let on lease, give on license, convey, assign or exchange and to manage in any other way the property and assets of the Company or any right therein on such terms and conditions as the Company may think fit.

15. To purchase or otherwise acquire, erect, maintain, construct repair and alter any buildings sheds, offices, plants, machinery, drains, roads, bridges, culverts, railways, railway sidings, tramways, ropeways, stalls, go down, fences and boundaries and all other constructions or structures found necessary or convenient for the purpose of the Company.

16. To acquire by concessions, grants, purchase, barter, license, lease or otherwise either absolutely or conditionally, solely or jointly with other, any tract or tracts of country, lands, estates, houses, firms, water-rights, way-parcels and other works privileges, rights, hereditaments and any machinery, plant, utensils, trade marks or other movable and immovable property of any description whatsoever at any place in India or outside and to explore, survey, cultivate or develop or exploit the same.

17. To develop the resources of land, to turn to account any lands and any rights over to or connected with land belonging to or in which the Company is interested by cleaning, drainage, fencing, irrigating, grazing and soil conservation measures and by promoting irrigation and the establishment of colonies and settlements.

18. To enter into any arrangements with the Government of India or any Government or any State or any local authority in India or elsewhere or with any commercial or other companies or institutions or with any person that may seem conducive to the attainment of the objects of the Company or any of them and to apply for and obtain and to purchase, to be on lease or otherwise acquire from any such Government, State, authority, company, institution or person, any charters, subsidies, loans, indemnities, contracts, rights, powers, privileges, immunities, licenses, patents, decrees, sanctions, grants, monopolies, concessions whatsoever (whether statutory or otherwise) which the company may think desirable to obtain and acquire and to carry out, exercise and comply with any such arrangements, charters, subsidies loans, indemnities, contracts, rights, powers, privileges, immunities, licenses, patents, decrees, sanctions, grants, monopolies and concessions.

19. To carry on business of or deal in all kinds of equipments for logging, conversion, hauling and transport of forest produce, agricultural machinery equipments, implements, machines, tractor, bulldozers, machines, tools and metals of all kinds, fuel, oils and lubricants.

20. To organize, conduct or manage engineering or repair shops or workshops of all descriptions and to manufacture, import, export, buy, sell or otherwise deal in work shop machinery, agricultural implements, machine tools and metals of all kinds.

21. To make advances upon or for the purchase of material goods, machinery, store and other articles required for the purpose of the Company.

22. To tender for purchase or otherwise acquire any contracts and concessions for or in relation to the constructions, executions, carrying out, equipment, improvement, management, administration or control of works and convenience and to undertake, execute, carry out dispose off or otherwise turn to account the same.

23. To let put on hire all or any of the properties of the Company including apparatus and appliances of the Company.

24. To improve, manage, work, develop, alter, sell, exchange, lease, mortgage, transfer, enfranchise, barter, turn to account, abandon or otherwise deal with all or any part of the property, rights and concessions of the Company.

25. To train or to pay for the training in India or abroad of any member of the staff of the Company of any other employee of the company either in the present or likely to be in the employment of the Company in future which training in the opinion of the Company is likely to benefit the Company in its day to day working, knowledge, management, administration including research either in the field or in the laboratories.

26. To construct, purchase, take on lease, hire, occupy or otherwise acquire any buildings, gardens, wells, water-works or similar other constructions for residential or other purposes for the benefit of the Company's activities.

27. To establish, subscribe to, help or assist financially or otherwise centres of celebrations, fairs, market places, exhibitions, public shows or other activities of general interest.

28. To enter into any arrangements with any Government for delegation of powers to various Officers of the Company for management and protection of the lands given either on lease or otherwise to the Company.

29. To employ, engage and pay experts or consultants, Indian, or Foreign in connection with the planning, conduct and development of all or any of the aspects of the Company's operation.

30. To manage wholly or part, jointly or otherwise, factories, farms, estates, gardens, forests, plantations and other establishments or concerns, manufacturing any forest, agricultural or animal products or bye-products.

31. To enter into agreements and contracts with any Government, local authority, bodies, associations, firms, individuals, companies or other organizations for technical, financial or any other assistance for carrying out all or any of the objects of the Company.

32. To promote any Company or companies for the purpose of acquiring all or any of the properties, rights and liabilities of the company or for any other purpose calculated to benefit the Company directly or indirectly and to distribute as may be resolved in specie or otherwise, amongst the members of the Company the assets possessed or received by the Company.

33. To amalgamate with any Company or Companies having objects altogether or in part similar to those of the Company.

34. To use trade marks or trade names or brands for the products and goods of the Company.

35. To adopt such means of making known the products of the Company as may seem expedient and in particular by advertising in the press, by publication of books, magazines, or periodicals and by exhibiting on walls, posters, or in any other manner and to encourage, promote or organize exhibitions, competitions, or dramatic shows likely to promote the interest of the Company.

36. To establish or appoint and maintain agencies or branches in India and elsewhere and to regulate and discontinue the same.

37. To ensure the whole or any part of the property of the Company either fully or partially, to protect either fully or partially any liability or loss in respect thereof and also to ensure and to protect and indemnify on mutual principle or otherwise and to pay all preliminary, incorporation and undertaking expenses.

38. To obtain any Act, of the Central or State Legislature, provisional order, license of autonomous body or authority for enabling the Company to carry out any of its objects into effect or for effecting any modification of the Company's constitution or for any other purpose which may seem expedient and to oppose any proceedings of application which may seem calculated directly or prejudice the Company's interest.

39. To procure the registration or other recognition of the Company in any country, state or place in or outside India.

40. To open and keep a register or registers in any country or State in India or abroad, wherever it may be deemed necessary and expedient to do so.

41. To open account or accounts with any individual firm or companies or with any bank or banks and to pay into and to withdraw moneys from such account or accounts.

42. To invest the moneys of the Company, not immediately required in such manner, other than in the share of the Company as may from time to time be determined.

43. To distribute in species or otherwise as may be resolved any assets of the Company among its members and particularly the shares, debentures or other securities of any other company formed to take over the whole or any part of the assets or liabilities of the Company as may be permissible under law.

44. To make donations to such persons or institutions either in cash or of any other assets as may be thought directly or indirectly conducive to attainment of any of the Company's objects.

45. To sell, let on lease, exchange or dispose of the lands, concessions, rights, assets, undertaking of the company or any part or parts thereof or transfer the business of the company or any part thereof for such consideration as the company may deem proper and in particular for shares debentures or securities of any other company having objects altogether or in part similar to those of the company.

46. To draw, make, accept, endorse, execute, issue, discount and negotiate bills of exchange, promissory notes, hundies, bills of lading, delivery orders warrants, debentures, ware-house keeping

certificates and other negotiable commercial mercantile instruments or transferable instruments in/or in the prosecution of the business of the company.

47. To lend, invest and deal with money's of the Company not immediately required in such manner as may from time to time be determined and to lend or deposit moneys belonging to, entrusted to or at the disposal of the company to or with such persons, firms, bodies, associations or companies on such terms as may be deemed expedient and in particular to customers or others having dealings with the Company with or without security upon such terms as may be thought proper and to guarantee the performance of the contracts by any such persons, firms, bodies, associations or companies but not to do the business of banking as defined in the Banking Regulation Act, 1949.

48. To receive money and securities on deposit at interest or otherwise, but the company should not do any banking business.

49. To raise, borrow or secure moneys in such manner and on such terms as may deem expedient and in particular by issue of share capital by way of loans, advances, deposits and issue of bonds, debentures, debenture stock or other securities or mortgages whether perpetual or otherwise and charged or not charged on the whole or in part of the rights or properties of the Company and with or without a charge upon all or any of the Company's assets (either present or future) including its un-called capital, and to purchase, re-deem or pay off any such securities and to issue any such securities for such consideration or purchase as may be thought fit.

50. To employ foresters, cultivators, gardeners, engineers, mechanics, masons, carpenters, scaffold setters, painters, electricians, other technicians, salesmen, commercial and administrative staff and such other staff as may be found necessary for the efficient handling and conduct of the business of the Company and to appoint, engage, employ, maintain, provide for and dismiss, attorneys, agents, superintendents, managers, clerks, kulies, foresters, cultivators, gardeners, engineers, other technicians, sale men, commercial and administrative staff and any other servants in India or elsewhere and to remunerate in such at such rates as shall be thought fit and to make pecuniary grants by way of donation, subscription, allowance, pension, gratuity, guarantee or otherwise to or for the benefit of any such person or the widow or children and dependents of any such person.

51. to establish, maintain and operate general educational institutions, schools and hostels for the benefit of the children of the employees or ex-employees of the Company, their dependents or connections of such persons and others and to make grants and awards and to grant scholarship.

52. To start, establish, maintain and operate houses, hospitals, dispensaries, first-aid centres and other medical institutions public health installations, gymkhanas, playgrounds, club, library, technical schools or otherwise, canteens, cinema houses, bus or other transport services, markets, shops and stores, entertainment places, parks, housing colonies, Restaurants, guest houses, hostels, dhobi khanas, dairies, fire-service stations and similar institutions for the benefit of the Company's employees and their families or otherwise.

53. To provide for the welfare of the employees or retired employees of the Company and wives, widows and families or dependents of such employees or retired employees by establishing provident or other funds, by grants of money or other payments, by building or contribution to the building of houses, by providing or subscribing towards places of education, instructions and recreation and hospitals, dispensaries, medical and other assistance, by grants of pension, allowances bonus or other payments, as the company shall think fit.

54. To create, operate any depreciation fund, reserve funds, sinking fund, insurance fund or any special or other fund whether for depreciation or for repairing, replacing, improving, extending or maintaining any of the properties of the Company or for redemption of debentures or redeemable preference shares or for special dividends or for equalizing dividends or for amortization of capital or for any other purpose conducive to the interest of the company or for any other purpose what-so-ever, and to transfer any such fund or part thereof to any of the other funds.

55. From time to time to establish or to subscribe or otherwise to assist or to guarantee money, or to contribute or to give donation to any charitable, benevolent, religious, scientific, national or nation's trusts, funds, associations, or other institutions or for any exhibitions and to any other useful object which shall have any moral or other claim to support or aid by the Company either by reason of locality or operation or public and general utility or otherwise and to any other purpose of fund, institution of a public character which in the opinion of the board of Directors is likely to promote the interests of the business of the Company or to further its objects or to increase its repute or popularity among the employees, its customers or the public or otherwise and / or to any charitable or useful fund whatsoever.

56. To dedicate, presenter otherwise dispose of either voluntarily or for value any property of the Company deemed to be national, public or local interest to any national trust, public body, museum, Corporation or authority or any trustees on behalf of any of the same or of the public.

57. To pay all costs, charges, and expenses incidental to the promotion, formation, registration and establishment of the Company or its branches and the issue of its capital including any under-writing or other commission, brokers' fees, lawyer's charges and to remunerate in cash or in any other manner any person or persons, for services rendered or to be rendered in introducing any person or business to the Company or in placing or assisting to place or guaranteeing the subscription of any shares, debentures made prior to an in anticipation of the formation and incorporation of the company which the company may think proper.

58. To remunerate any person, firm or company for service rendered or to be rendered in obtaining subscription for or placing or assisting to piece or to obtain subscription for or for guaranteeing the subscription of or the placing of any shares in the capital of the Company or any bonds, debentures, or debenture stock or obligations or securities of the Company or any stock, shares, bonds, debentures, obligations or securities of any other Company held or owned by the Company or in which the Company may have an interest or in or about the formation or promotion of the Company or the conduct of the business or in or about the formation or promotion of any other Company in which the Company may have any interest.

59. To pay all costs, charges and expenses on account of advertisements, underwriting, commissions, brokerage, lawyer's fees printing, stationery and such other things incurred by the Company in the promotion and establishment of the Company or considered as necessary by the Company.

60. To establish, provide, maintain and conduct or otherwise subsidies or assist financially or otherwise Research station. Research laboratories, meteorological stations, power units, fertilizers units, experimental work-shops for scientific and technical research and experiments and to undertake and carry on scientific and technical research and experiments and tests of all kinds and to promote studies and research both scientific and technical, investigation and invention by providing, subsidizing, endorsing or assisting laboratories, workshops, libraries, lecturers, meetings and

conferences and for providing for the remuneration of scientific or technical professors, teachers or workers and by providing for merit awards, scholarships, prizes and grant to students or otherwise and by providing for merit awards, scholarships, prizes and grant to students or otherwise and generally to encourage, promote and reward, studies, researches, investigations, experiments, tests and inventions of any kind that may be considered likely to assist in all the business in which the Company is interested and / or to assist and business which Company is authorized to carry on.

61. To enter into partnership or into any arrangement for sharing profits, union of interest, co-operation or joint venture, reciprocal concession, amalgamation or otherwise either in whole or in part with any other companies or persons or local authority or associations or firms having objects similar to those of the Company or carrying on or encourage in or about to carry on or encourage in any business or undertaking or transaction, capable of being conducted so as to directly or indirectly to benefit this company and to carry on or conduct or liquidate or wind up any such partnership or arrangement purchased or otherwise acquired.

62. To undertake, promote, participate or cause to be undertaken or promoted research in forestry, horticultural and agricultural techniques, silvicultural research such as pathological, entomological, physiological aspects of forest and other species in general and in marketing processing and utilization of forest produce and to conduct, encourage or promote studies investigations, research that may be likely to assist any of the business in which the Company is or may become interested.

63. To take up all or any one or more of the above objects simultaneously or one after the other or to keep any one or more of the objects in abeyance for any period of time if and when necessary.

64. The objects set forth in any clause/ sub-clause shall not be in any way limited or restricted by reference to or inference from the terms of any other clause/sub-clause or by the name of the Company. The company shall have full powers to exercise all or any of the powers conferred by any part of clause/ sub-clause in any part of the world and notwithstanding that the business, undertaking, property or accounts proposed to be transacted, acquired, dealt with or performed do not fail within the main objects of the clauses and in the even of any ambiguity, this clause and every sub-clause hereof shall be construed in such a way as to widen and not to restrict the powers of the Company.

(C) Other Objects:

1. To purchase or otherwise acquire and undertake all or any part of the business, property, good will and liabilities of any person of Company carrying on business which this Company is authorized to enter or carry on or possessed of property suitable for the purpose of Company and to promote any Company for the purpose of acquiring all or any of the property and liabilities of the Company for any purpose that may seem directly or indirectly calculated to benefit the Company.

2. To amalgamate with any company or companies having objects altogether or in part similar to those of the Company.

3. To promote, or conduct any agricultural, commercial or industrial enterprises, establishment, company or concern.

4. To hold in the names of the others and property which the Company is authorized to acquire.

5. To carry on any other trade or business whatsoever which can in the opinion of the Company, be advantageously, or conveniently carried on by the Company by way of extension of or in connection with any such business as aforesaid or is calculated directly or indirectly to develop any branch of the Company's business or to increase the value of or turn to account any of the Company's assets, property or rights.

6. To employ experts to investigate and examine into the conditions, prospects, value, character and circumstances of any business concerns and undertakings and generally of any assets, concessions and properties or rights.

7. To take such steps as may be necessary to give the company the same rights and privileges in any part of the world as are possessed by local companies or partnership of a similar nature.

8. To aid pecuniary or otherwise, any association, body or movement having for an object the solution, settlement or surmounting of industrial or labour problems or troubles or the promotion of industry or trade.

9. To do all pr any of the above things and all such other things as are incidental or may be thought conducive to the attainment of above objects or any of them in Tripura or in other part of the world either as principals, agents, trustees, contractors or otherwise and either along or in conjunction with others and either by or through agents, contractors, trustees or otherwise and to do all such things as are incidental or conducive to the attainment of the above objects or any of them or consequential upon the exercise of its powers or discharge of its duties. And it is hereby declared that:-

(i) the word "Company" save when used in reference to this Company in this clause shall be deemed to include any partnership or other body or persons whether incorporated or not incorporated, whether domiciled in India or elsewhere; and

(ii) the several sub-clauses this clause and all the powers thereof are to be cumulative and in no case is the generality of any one sub-clause to be narrowed or restricted by any particularity of any other sub-clause nor is any general expression in any sub-clause to be narrowed or restricted by any particularity of expression in the same sub-clause or by the application of any rule of construction ejusdem generic or otherwise;

(iii) the term "Tripura" when used in this clause unless repugnant to the context shall include all territories from time comprised in the State of Tripura;

(iv) the liability of the members is limited;

(v) the authorized share capital of the Company is increased to Rs. 10,00,00,000 (Rupees ten crores) divided into Rs. 10,00,000 (ten lakhs) equity shares of Rs. 100 (Rupees one hundred) each (by the resolution passed in the 11th Annual General Meeting held on 7th September, 1987), with the rights, privileges and conditions attached thereto as are provided by the Articles of Association of the Company for the time being with power to increase and reduce the capital for the time being into several clauses and to attach thereto respectively such preferential, deferred, qualified or special rights, privileges or conditions as may be determined by or in accordance with the Articles of Association of the Company for the time being and to vary, modify or abrogate any such rights privileges or conditions in such manner as may be permitted by the Indian Companies Act, 1956 or provided by the Articles of Association of the Company for the time being.

Creation/ replanting year wise commercial rubber plantation under TFDPC

Area in ha /blocks nos

Year of creation/ replanting	Division wise managed area in ha											
	Northern		Sadar		South-I		Factory		South-II		Total	
	Area in ha	Blocks	Area in ha	Blocks	Area in ha	Blocks	Area in ha	Blocks	Area in ha	Blocks	Area in ha	Blocks
1	2	3	4	5	6	7	8	9	10	11	12	13
1963	0.00	0	0.00	0	0.00	0	1.50	2	0.00	0	1.50	2
1964	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1965	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1966	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1967	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1968	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1969	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1970	0.00	0	0.00	0	0.00	0	3.15	6	0.00	0	3.15	6
1971	0.00	0	0.00	0	0.00	0	6.70	7	0.00	0	6.70	7
1972	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
1973	0.00	0	20.00	14	35.00	26	0.00	0	0.00	0	55.00	40
1974	15.00	4	10.00	4	50.00	26	0.00	0	0.00	0	75.00	34
1975	25.00	15	0.00	0	40.00	26	0.00	0	0.00	0	65.00	41
1976	40.00	16	6.00	2	50.00	32	0.00	0	0.00	0	96.00	50
1977	67.00	29	0.00	0	42.00	26	45.00	25	11.68	7	165.68	87
1978	76.00	23	0.00	0	23.50	11	41.00	24	11.80	6	152.30	64
1979	70.50	23	0.00	0	78.40	55	82.00	37	47.00	13	277.90	128
1980	71.00	14	37.00	19	100.00	57	98.00	36	18.63	14	324.63	140
1981	133.00	39	80.00	28	80.50	36	46.00	18	26.00	17	365.50	138
1982	70.25	24	65.00	17	96.00	57	37.00	14	33.00	16	301.25	128

1983	43.00	30	105.00	49	115.00	66	0.00	0	36.94	30	299.94	175
1984	66.00	21	103.00	76	161.50	103	0.00	0	51.01	34	381.51	234
1985	83.00	71	95.00	53	104.50	58	0.00	0	84.40	39	366.90	221
1986	276.00	136	85.00	47	262.55	140	1.80	1	66.88	39	692.23	363
1987	159.00	56	87.00	52	240.50	115	6.50	5	78.50	28	571.50	256
1988	79.00	30	16.50	13	142.10	66	0.00	0	29.00	8	266.60	117
1989	75.75	50	32.00	18	65.00	40	8.00	6	75.00	20	255.75	134
1990	22.75	11	0.00	0	0.00	0	0.00	0	0.00	0	22.75	11
1991	30.50	19	24.00	12	59.00	49	2.50	2	5.79	3	121.79	85
1992	17.00	11	31.00	16	27.00	14	5.50	6	34.28	14	114.78	61
1993	5.00	2	15.50	9	16.50	13	3.20	3	9.20	4	49.40	31
1994	17.50	10	18.00	8	6.30	5	4.00	3	6.25	4	52.05	30
1995	13.50	10	2.00	1	0.50	1	7.93	5	10.00	5	33.93	22
1996	17.50	13	3.50	3	0.00	0	0.00	0	0.00	0	21.00	16
1997	31.00	16	15.50	9	0.00	0	0.00	0	12.60	7	59.10	32
1998	9.14	5	29.00	7	0.00	0	0.00	0	12.40	11	50.54	23
1999	0.00	0	2.00	2	0.00	0	0.00	0	5.00	4	7.00	6
2000	8.00	6	0.00	0	0.00	0	6.00	8	5.00	5	19.00	19
2001	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
2002	19.50	8	2.50	2	4.60	4	3.25	6	4.00	3	33.85	23
2003	29.50	12	60.50	32	7.70	1	3.00	6	15.50	8	116.20	59
2004	22.30	6	70.00	26	22.93	4	3.30	7	20.00	13	138.53	56
2005	32.25	0	40.60	0	33.95	0	4.70	9	39.00	13	150.50	22
2006	93.75	0	62.90	0	131.90	0	12.80	0	5.00	8	306.35	8
2007	63.35	0	59.50	0	220.25	0	6.25	0	20.70	0	370.05	0
2008	33.85	0	33.70	0	102.00	0	6.00	0	15.00	0	190.55	0
2009	52.30	0	4.50	0	30.50	0	10.00	0	26.40	0	123.70	0
2010	35.25	0	5.00	0	88.05	0	20.00	0	14.18	0	162.48	0
2011	32.70	0	19.50	0	70.30	0	4.50	0	6.50	0	133.50	0
2012	18.45	0	2.50	0	51.10	0	4.00	0	10.10	0	86.15	0
Total	1954.59	710	1243.20	519	2559.13	1031	483.58	236	846.74	373	7087.24	2869

Activity Flow Chart of Tripura Rubber Wood factory, TFDPC Industrial Estate, Anandanagar

		Log Receipt Section		
Activities	person responsible	Daily Check	Weekly Check	Monthly Check
1. Annual Action Plan for felling of Rubber Tree of Corporations own Plantation	TFDPC Head Quarter			
2. Fixation of Rate for procurement of Logs from Outside Agencies.	TFDPC Head Quarter			
3. Quality & quantity check - rejection & measurement	Log Stock -incharge	Supervisor	Unit In-charge	G.M.
4. Conformity check with annual plan and supply order	Log Stock -incharge		Supervisor	Unit-incharge
5. entry in the log receipt stock register (log wise)	Log Stock -incharge		Supervisor	Unit-incharge
6. Entry in Log Stock Register - Date wise	Log Stock -incharge		Supervisor	Unit-incharge
7. Issue of logs to Sawing section (log wise)	Log Stock -incharge		Supervisor	Unit-incharge
8. Entry in the Log stock register - date wise	Log Stock -incharge		Supervisor	Unit-incharge
9. Monthly return of log receipt (date, TP/Challan, Nos of log & volume)	Log Stock -incharge			Unit-incharge
10 Monthly return of log stock (O/B, receipt, issued, C/B)	Log Stock -incharge			Unit-incharge
		Log Sawing Section		
Activities	person responsible	Daily Check	Weekly Check	Monthly Check
1. Conversion plan as per furniture production target	G.M.			
2. Sawing & resizing as per plan	Machine Operator	Machine Operator	Supervisor	Unit incharge
3. Measurement of days production and entry in stock register	Machine Operator	Supervisor	Unit incharge	G.M.

		Treatment Section				
Activities	person responsible		Daily Check		Weekly Check	Monthly Check
1. Measurement of chemicals and preparation of solution (1.5% Boric Acid & 2.25% Borax)	Machine Operator		Supervisor		Unit incharge	G.M.
2. Treatment of Timber (10 minutes 400mm Hg vaccum & 2.5 hrs 8 kgs/sq.cm pressure)	Machine Operator				Supervisor	Unit incharge
3. testning of chemical impregnation at Laboratory (Batch wise)	Ouality Control Officer					Unit incharge
4. Maintenance of Chemical stock register	Store Keeper				Supervisor	Unit incharge
		Seasoning section				
Activities	person responsible		Daily Check		Weekly Check	Monthly Check
1. Loading of Kilns.	Machine Operator				Supervisor	Unit incharge
2. Circulation of Hot water and operation of kiln maintening temperatue	Machine Operator				Supervisor	Unit incharge
3. bringing down the moisture content at 10% and unloading of kilns	Machine Operator		Supervisor		Quality Control Officer	Unit incharge
		Finger jointing section				
Activities	person responsible		Daily Check		Weekly Check	Monthly Check
1. Measurement of Seasoned Timber taken for production	Machine Operator				Supervisor	Unit incharge
2. Sorting and resizing (if required) of seasoned timber	Machine Operator				Supervisor	Unit incharge
3. Four side planing of timber	Machine Operator				Supervisor	Unit incharge
4. Grading of timber (A1, A2, B1, B2, C1 & C2 - based on colour & tapping mark)	Machine Operator		Supervisor		Quality Control Officer	Unit incharge
5. On Process Control & quality check of grading	Machine Operator		Supervisor		Quality Control Officer	Unit incharge
6. Production of Lamina	Machine Operator				Supervisor	Unit incharge

7. Keeping daily records of lamina produced (Size & Grade)	Machine Operator		Supervisor	Unit incharge
8. Re-sizing & re-circulation of rejected timber & lamina	Machine Operator		Supervisor	Unit incharge
9. Maintenance of Glue Stock	Machine Operator		Supervisor	Unit incharge
Composing section				
Activities	person responsible	Daily Check	Weekly Check	Monthly Check
1. Keeping records of Lamina taken for production	Machine Operator		Supervisor	Unit incharge
2. Four side planning of lamina	Machine Operator		Supervisor	Unit incharge
3. On process checking of finishing quality of lamina	Machine Operator	Supervisor	Quality Control Officer	Unit incharge
4. Preparation of Glue	Machine Operator		Supervisor	Unit incharge
5. Composing of Lamina for board production	Machine Operator		Supervisor	Unit incharge
6. On process quality check	Machine Operator	Supervisor	Quality Control Officer	Unit incharge
7. Recording of days production (thickness wise)	Machine Operator		Supervisor	Unit incharge
Finishing Section				
Activities	person responsible	Daily Check	Weekly Check	Monthly Check
1. Trimming & Sizing of Boards	Machine Operator		Supervisor	Unit incharge
2. Sanding of Boards	Machine Operator		Supervisor	Unit incharge
3. Grading of Boards	Machine Operator	Supervisor		Unit incharge
4. Recording of days production (thickness wise & grade wise)	Machine Operator		Supervisor	Unit incharge
5. Monthly Return (O/B, Produced, Despatched & C/B)	Machine Operator		Supervisor	Unit incharge

Despatch Section

Activities	person responsible	Daily Check	Weekly Check	Monthly Check
1. Permit for sale	G.M.			
2. Realisation of Cash	O/C, TFDPC IE			DDO
2. Issue of Work sheet for UCF	G.M.			
3. Issue of Challan as per permit, cash memo & Worksheet	Store Keeper	Supervisor	Unit incharge	G.M.
4. Despatch as per challan	Machine Operator		Supervisor	Unit incharge
5. Stock entry as per despatch	Machine Operator		Supervisor	Unit incharge
6. Monthly stock statement (O/B, produced, sold, Issued to UCF, C/B)	Machine Operator			Unit incharge
Maintenance, Workshop & Utility Section				
Activities	person responsible	Daily Check	Weekly Check	Monthly Check
1. Requisition for spare parts & Consumables	Machine Operator	Unit incharge		G.M.
2. Preventive Maintenance	Machine Operator	Supervisor	Unit Incharge	G.M.
3. Minor Corrective Maintenance	Machine Operator		Supervisor	Unit Incharge
4. Sharpening of Saw Blade	Machine Operator		Supervisor	Unit Incharge
5. Electrical maintenance	Machine Operator		Supervisor	Unit Incharge
6. Generator Operation	Machine Operator		Supervisor	Unit Incharge
7. Air Compressor Operation	Machine Operator		Supervisor	Unit Incharge
8. Water Supply System operation	Machine Operator		Supervisor	Unit Incharge
9. dust Collector System Operation	Machine Operator		Supervisor	Unit Incharge

COST NORMS FOR CREATION OF PLANTATIONS

1. COST OF CREATION OF 1 HA OF RUBBER PLANTATION

	Particulars	Year						Total	Specification & guidelines
		1 st	2 nd	3 rd	4 th	5 th	6 th		
	A. Cost of materials	Rupees							
1	Poly bag saplings of rubber (cost of creation) @ Rs.35	15750	15750	0	0	0	0	17325	1.Spacing: 6.7 m x 3.4 m 2.Plant points per ha: 450 3. Application of fertilizer in 1 st year if planted in Apr.-May-2/3 weeks after planting & next in Sept.-Oct. Thereafter in Apr.-May & Sept.-Oct. 4. Shelter belt along the outer edge of fire lines. Species: Jackfruit, Chamol, Bamboos – Mritinga/Barak / Makal. Ref.-Para 2.1 of Part I. Spacing – 3m. Approx. 300 plant points. 5. Terracing 1 m wide with 15% inward slope (slopes 15 degrees & above) will be done only on approval from Divisional Manager mentioning part or parts of plantation against proposal with surveyed map. 6. No procurement of bud wood, rubber budded stumps and poly bag seedlings shall be done without prior written approval of MD. 7. Weeding: 3 rounds in a financial year.
2	Cost of planting material for shelterbelt	2000	200	0	0	0	0	2200	
2	Fertilizer (N:P:K) 12:12:6	3640	4680	5616	4472	3640	3640	25688	
3	PPC & lime	230	230	230	230	230	230	1380	
4	Seeds-Cover crop	500	0	0	0	0	0	500	
5	Seeds-Boundary hedge	300	0	0	0	0	0	300	
6	Barbed wire for fencing (LS)	16000	0	0	0	0	0	16000	
	Subtotal of 'A'	38420	6685	5846	4702	3870	3870	63393	
	B. Labour								
1	Survey & mapping – 2 times	2	0	0	0	0	0	2	
2	Clearing of land (Advance action)	6	0	0	0	0	0	6	
3	Staking including cost of collection & sizing of stakes	2	0	0	0	0	0	2	
4	Terracing & maintenance	30	0	0	0	0	0	30	
5	Boundary fencing & maintenance	25	3	3	3	1	1	36	
6	Digging of pits (75 X 75 X 75 cm) for planting rubber	37	3	0	0	0	0	40	
7	Refilling of pits after removal of foreign materials, application of basal doze of fertilizer & planting/replanting of poly bag seedlings	35	2	0	0	0	0	37	
8	Raising of cover crop and maintenance	10	1	0	0	0	0	11	
	Digging of 50x50x50 cm pits, refilling & sowing/planting of shelter belt spp. & maintenance	15	3	2	0	0	0	20	
9	Weeding, cleaning & mulching	60	54	42	36	36	33	261	
10	Application of fertilizer including carrying to site	16	16	16	16	16	16	96	

1	Application of PPC & lime	1	2	2	2	1	1	9
1	Watch and ward	9	9	7	7	7	7	46
2								
1	Creation & maintenance	10	8	8	8	7	7	48

3	of fire line by scrapping with spade during dry season								
1 4	Plucking of offshoots/pruning	3	3	0	0	0	0	6	
	Total man days:	261	104	80	72	68	65	650	
	Total wages @ Rs.145/- per man day (B) in Rupees	3784 5	1508 0	1160 0	1044 0	9860	9425	94250	
	Total (A+B)-Rs.	7626 5	2176 6	1744 6	1520 2	1373 0	1329 5	15764 3	

2. COST OF CREATION OF 1 HA OF KANAK KAICH BAMBOO PLANTATION

	Particulars	Year			Total	Specification & guidelines
		1 st	2 nd	3 rd		
	A. Cost of materials	<u>Rupees</u>				
1	Cost of rhizome @ Rs.10 each	10000 0	1000 0	0	11000 0	1.Spacing: 1mx1m.
2	Barbed wire for fencing (LS)	12500	0	0	12500	2.Plant points: 10000
3	Cost of fertilizer (N:P:K) 2:2:1	3640	4680	4680	13000	3.Weeding: 2 times in a year
	Subtotal of 'A'	11614 0	1468 8	4680	13550 0	
	B. Labour					
1	Survey & mapping – 2 times	2	0	0	2	4.Fertilizer may be applied
2	Clearing of land (Advance action)	6	0	0	6	in Sept. in the 1 st year &
3	Boundary fencing & maintenance	25	3	2	30	subsequently in Feb.-April
	Staking i/c cost of collection & sizing of stakes	6	0	0	6	5. Emerging shoots should
4	Digging/re-digging of pits (30 X 30 X 30 cm)	200	8	0	208	be covered by soil for
5	Planting/replanting of rhizome after mixing of anti-termite chemical & refilling of soil i/c carrying	125	6	0	131	healthy clumps with larger
6	Weeding –2 times	24	24	20	68	girth.
	Loosening of earth at the base, application of fertilizer i/c carrying, mounding & mulching	125	125	125	375	6. Chemical fertilizer must
	Watch and ward	9	9	7	25	not come in direct contact
	Creation & maintenance of fire line by scrapping with spade during dry season	10	7	7	24	with young sprouts.
	Removal of dry, broken, thin or malformed culms	0	1	2	3	
	Total man days:	532	183	163	878	
	Total wages @ Rs.145/- per man day (B) in Rupees	77140	2653 5	2363 5	12731 0	
	Total (A+B)-Rs.	19328 0	4122 3	2831 5	26281 0	

3. COST OF CREATION OF 1 HA OF PAORA & RUPAI BAMBOO PLANTATION

	Particulars	Year			Total	Specification & guidelines
		1 st	2 nd	3 rd		
	A. Cost of materials	<u>Rupees</u>				
1	Cost of poly bag seedlings @ Rs.10 each	5000	500	0	5500	1.Spacing: 4.5m x 4.5m
2	Barbed wire for fencing (LS)	12500	0	0	12500	2.Plant points: 494, say 500
3	Fertilizer (N:P:K) 2:2:1	3640	4680	4680	13000	3.Weeding: 2 times in a year
	Subtotal of 'A'	21140	5180	4680	31000	
	C. Labour					
1	Survey & mapping – 2 times	2	0	0	2	4.Fertilizer may be applied in Sept. in the 1 st year & subsequently in Feb.-April
2	Clearing of land (Advance action)	6	0	0	6	
3	Boundary fencing & maintenance	25	3	2	30	
	Staking i/c cost of collection & sizing of stakes	2	0	0	2	
4	Digging/re-digging of pits (50 X 50 X 50 cm)	10	1	0	11	5. Emerging shoots should be covered by soil for healthy clumps with larger girth.
5	Planting/replanting of poly bag seedlings after mixing of anti-termite chemicals & refilling of soil i/c carrying	15	2	0	17	6. Chemical fertilizer must not come in direct contact with young sprouts
6	Weeding –2 times	24	24	20	68	
	Loosening of earth at the base, application of fertilizer i/c carrying, mounding & mulching	12	12	12	36	
	Watch and ward	9	9	7	25	
	Creation & maintenance of fire line by scrapping with spade during dry season	10	7	7	24	
	Removal of dry, broken, thin or malformed culms	0	1	2	3	
	Total man days:	115	59	50	224	
	Total wages @ Rs.145/- per man day (B) in Rupees	16675	8555	7250	32480	
	Total (A+B)-Rs.	37815	13735	11930	63480	

COST OF PRODUCTION OF RUBBER WOOD BOARDS & SAWN TIMBER**1. Cost of Production rubber wood boards**

Basis	20 Boards per day
Working Days	300 days per year
Round Log required	1750 Cum

Round Log	1750	Cum
Sawing Conversion 37%=	648	
Multi rip saw loss 10%=	583	
Sorting loss 10%=	524	
Planning loss 10%=	472	
Sanding loss 10%=	425	

Cost of log at the rate Rs. 1000 per cum		Rs.1,749,736.00
Felling, logging & Transportation charges	Rs. 1942 per cum	Rs.3,398,460.00
Wages & Benefits		
Mechanic and operators 6 nos @ Rs.5560 P.M	Rs. 400,320.00	
Sawyer 4 nos @ Rs. 176 per day	Rs. 211,000.00	
Fork Operators 2 nos @ Rs.127 per day	Rs. 76,000.00	
Workers 60 @ Rs. 119 per day	Rs. 2,142,000.00	
CPF 13.12%	Rs. 371,000.00	
Others 10%	Rs. 283,000.00	
	<u>Rs. 3,483,320.00</u>	Rs.3,483,320.00

Chemicals		
Boric Acid @ 2.5 kg.cum @ Rs. 78	Rs.126,000.00	
Borax 4 Kgsper cum @ Rs. 60	Rs.155,000.00	Rs.281,000.00
Glue 0.25 Kg per board @ Rs. 140 per Kg.		Rs.630,000.00
Electricity (variable part)		Rs.1,320,000.00
1,10,000 per month		
Fuel for fork lift & generator		
600 ltrs per month @ Rs. 45.00		Rs.324,000.00

Tools & Spares Rs.1,200,000.00

Total Variable Cost

Rs.12,386,516.00

Salary Rs.30,000 per month Rs.360,000.00

Miscellaneous Rs. 10000 per month Rs.120,000.00

Total Fixed Cost

Rs.480,000.00

Total cost of production

Rs.12,866,516.00

Average Cost of Production per board without depreciation Rs.2,144.00

Depreciation

14% on machine Rs. 238 lakhs Rs. 3,259,200.00

10% on Building Rs. 206. Lakhs Rs. 1,236,000.00

Rs. 4,495,200.00

Depreciation per Board at 60 % production Rs. 312.00

Average Cost of Production per board with depreciation Rs.2,456.00

add 20% profit Rs. 491.20

Sale price for 22mm B2 boards Rs.2,947.20

2. Cost of Production of treated sawn rubber wood /timber at AIE

Production target per months	=	1500	CFT
		42.48	Cum
Round Log required at 37% conversion	=	4054	CFT
		114.80	Cum
1 Cost of Round Log @ Rs. 1000 per Cum			Rs. 114,800.00
2 Felling, Logging & Transportation Charges	Rs. 1589 per cum		Rs. 182,432.43
3 Wages, CPF & Bonus etc.			
1 Sawyer 3 nos @ Rs.192per day	Rs. 17,280.00		
2 Workers 11 nos @ Rs.144 per day	Rs. 47,520.00		
3 Workers 14 nos @ Rs.134 per day	Rs. 56,280.00		
4 Electrician 1 no @ Rs. 146 per day	Rs. 4,380.00		
5 lab attendant 1 no @ Rs. 146 per day	Rs. 4,380.00		
6 Bonus & CPF etc 40%	<u>Rs. 51,936.00</u>		
	Rs. 181,776.00		Rs. 181,776.00
4 Chemicals	Rs. 22.50 per CFT		Rs. 33,750.00
5 1/2 of Electricity Bill for UCF & TTP	Rs. 50,000.00		Rs. 25,000.00
6 Saw blade			Rs. 12,000.00
7 Diesel 400 Ltrs	<u>Rs. 43.10 / ltr.</u>		Rs. 17,240.00
8 Other Consumables			Rs. 15,000.00
9 1/2 of vehicle hiring charge	Rs. 17,000.00		Rs. 8,500.00
10 Maintenance			Rs. 30,000.00
11 Salary			Rs. 50,000.00
12 Establishment expenses			Rs. 4,250.00
13 Miscellaneous Expenses			Rs. 4,500.00
14 Depreciation (1% on Rs. 27.00 Lakhs)			<u>Rs. 27,000.00</u>
			Rs. 706,248.43
Production cost per CFT			Rs. 470.83
Plus 20% Profit			<u>Rs. 94.17</u>
Sale price per CFT			<u>Rs. 565.00</u>

Production cost per cubic meters: Rs.16600/-

Sale price per cum: Rs. 19950/-

(COPY)
TRIPURA FOREST DEVELOPMENT AND PLANTATION CORPORATION LIMITED: AGRTALA:
TRIPURA
(A GOVERNMENT OF TRIPURA UNDERTAKING)

MEMORANDUM

The sale price of solid Rubber Wood Board produced at Tripura Rubber Wood Factory for each category at factory site is revised as below:-

(SALE PRICE PER SQUARE FEET IN RUPEES)

Thickness	12 mm	15 mm	19 mm	22 mm	25 mm	30 mm	35 mm
A 1	Rs.78.00	Rs.88.00	Rs.101.00	Rs.111.00	Rs.120.00	Rs.137.00	Rs.152.00
A 2	Rs.72.00	Rs.80.00	Rs.92.00	Rs.101.00	Rs.110.00	Rs.125.00	Rs.140.00
B 1	Rs.68.00	Rs.77.00	Rs.88.00	Rs.97.00	Rs.105.00	Rs.120.00	Rs.133.00
B 2	Rs.65.00	Rs.73.00	Rs.84.00	Rs.92.00	Rs.100.00	Rs.114.00	Rs.127.00
C 1	Rs.59.00	Rs.76.00	Rs.76.00	Rs.83.00	Rs.90.00	Rs.103.00	Rs.114.00
C 2	Rs.53.00	Rs.59.00	Rs.68.00	Rs.75.00	Rs.81.00	Rs.91.00	Rs.102.00

The taxes, etc. will be levied as per rules. This will take immediate effect and will remain valid until further order.

S/d-
25/02/2011
(Dr. R. L. Srivastava)

No.F.4-109/Gen/TFDPC-06/9919-33 Dated 25/02/2011
Copy to:-

Price List

(Rubber Wood & Bamboo Products)

SI No	Model No	Description of Furniture	Unit Basic Price
1	SS56:001	Sofa set – one three seater, two single seater, one centre table and two side tools	Rs. 22,302.00
2	SS56:003	Sofa set – one three seater, two single seater, one centre table and two side tools	Rs. 22,302.00
3	SS56:006	Sofa set – one three seater, two single seater, one centre table and two side tools	Rs. 29,455.00
4	SOFAS:011	Sofa Single Chair	Rs. 6,850.00
5	SOFAS:013	Sofa Single Chair	Rs. 7,200.00
8	SOFAS:004	Sofa Single Chair	Rs. 4,633.00
7	SOFAD:007	Sofa Double Chair	Rs. 7,800.00
8	CVIP:001	Chair with designed arm, seat & half back Cushion	Rs. 2,258.00
9	CRW:001	Rocking Chair	Rs. 8,750.00
10	CVIP:011	Chair with designed arm, seat & full Back Cushion	Rs. 2,565.00
11	TBSF-002	Front table 6 ft(w) x 3.5 ft(d) x 2.5Ft (H) with two drawers & one cupboard, key board tray and side extension 4ft(L) x 16" (W) x 2.5ft(h) and one rack.	Rs. 23,256.00
12	TED-001	Front table 2000W x 1000D x 750H, side table with three drawers 1380Wx600DX750H & one mobile pedestal with two drawer (406W x 550D x 585 H)	Rs. 29,229.00
13	TCOM:001	Computer Table Standard 22 inches x 42 inches white varnish with provision for key board, monitor, CPU etc	Rs. 5,902.00
14	TDW4G:002	Dining table for four seat colour varnish Rectangular Glass Top	Rs. 18,400.00
15	TDW4G:004	Dining table for four seat colour varnish Rectangular Wood Top	Rs. 16,800.00
16	TDS4G:001	Dining table for four seat white varnish Round Glass Top	Rs. 16,200.00
17	CDIN:004	Dining Chair	Rs. 2,200
18	CDIN:006	Dining Chair	Rs. 2,300
19	CDIN:001	Dining Chair	Rs. 1,950.00
20	BED6-008	Double Bed with drawer and designed head & foot side – 6ft x 6.5ft	Rs. 28,700.00
21	BED5-001	Double Bed with Box and designed head & foot side – 5ft x 6.5ft	Rs. 22,780.00
22	DOORS:008	Door Single Shutters Single side design with colour varnish without Lock & fittings	Rs. 332.00 per Sqft.
23	DRESS:001	Dressing table with utility	Rs. 11,100.00
24	PBWG-001	Podium made of Bamboo & Rubber Wood with Glass Top	Rs. 4,800.00
25	RDB3:001	Room Divider, Three fold, 6ft(w) x 5ft (h)	Rs. 5,400.00
26	PBTR:001	Corner rack made of Bamboo	Rs. 2,850.00
27	MSBC:001	Bail Ghaddi design magazine stand	Rs. 6,800.00
28	SSB44:003	Sofa set – one two seater, two single seater, one centre table and two side tools	Rs. 10,500.00
29	STB-001	Serving Trolley	Rs. 2,500.00
30	CABW:001	Bamboo Armed Chair	Rs. 2,200.00
31	CARW:002	Bamboo Armed Chair	Rs. 2,200.00
32	TDBAG:001	Dining table for four Round Glass Top with four chairs made of Bamboo.	Rs. 13,250.00

NB: - 1. Rates are FOR Factory, Anandanagar, West Tripura 2. Taxes extra as per rules.

Summary of Study of Report on Environment Impact Assessment of Rubber Plantation of TFDPC Ltd

By Indraneel Bhowmik, Professor, Tripura University

The present study attempts to explore the various dimensions of environmental impact of rubber plantations raised and managed by the Tripura Forest Development and Plantation Corporation (TFDPC) Limited on the basis of a field survey of two plantation sites, Takmacherra and Pathaliaghat, purposively selected for its age and spatial characteristics. The former is one of the oldest rubber plantation centres of the Corporation, with beginnings in 1977, situated in South Tripura district, while the latter is situated in Sepahijala district and is comparatively younger being set up in 2003.

A multi-disciplinary approach was adopted for the study and the aspect of environmental impact was examined from the perspective of environmental economics, floral and faunal bio-diversity and soil microbial diversity. Two PRA exercises were conducted at the two sites and the methods applied included Historical Transect, Risk Perception Analysis, Problem & Solution Method, Body mapping, Dreams and Constraints, etc. Moreover, an assessment on the environment management aspect of the TFDPC Industrial Estate was also made.

From the point of environment economics, the problems and risks faced by the villagers/residents and workers were categorised under four heads namely-livelihood/service, social, health and environmental/ecological issues. The most pressing problem at Pathaliaghat was related to livelihood/service issues arising from the decreasing availability of land for alternative usage apart from rubber. Social problems like- decrease in education and changing social and traditional values are on the rise. Health problems relating to gastro-intestinal disorders, jaundice are very common. Soil erosion, loss of medicinal plants, decreasing wildlife are the major problems related to environment and ecology. On the other hand, in Takmacherra, the ecological and environmental issues come to the forefront ahead of livelihood and social issues. .

However in terms of perceived risks, declining availability of local food owing to reduction in natural vegetation attains the premium position in Pathalia, followed by their perception of decreasing rainfall and increased mean temperature owing to rubber plantations. In Takmacherra, on the contrary, the most severe risk identified is of social nature arising due to social hazards of gambling, drinking and conspicuous consumption possible from the increased monetary income from rubber plantations. Risks relating to environmental and ecological issues are considered to have lower intensity.

Nevertheless, we may say that, the PRA result in two plantations shows that though there are few environmental changes taking place in the plantation area, they are neither significant nor they can directly be considered as the impact of rubber plantation. There is no common environmental problem that came out from both the sites, rather, the problems varied from area to area. In Pathaliaghat soil erosion was significantly important whereas in Takmacherra loss of wildlife and medicinal plants are significant environmental factors that may be considered as an outcome of monoculture. Respondents in both the places have put less emphasis on water and air pollution due to rubber plantation and processing. The respondents are more concerned about some other factors related to livelihood and others that may pose threat to their living standard.

Further, in regards to the industrial estate, it was seen that the factory maintains the procedural guidelines at every steps. The discharge of chemical water and ash seems to be done in a proper manner and the volume appears not sufficient enough to pollute the surrounding atmosphere. However, special attention is to be taken to ensure that the gas emitted from the painting chamber is always discharged below the water level of the adjacent tank.

In terms of bio-diversity, it was observed that in both Takmacherra and Pathaliaghat, higher number of floral species could be recorded in peripheral stands than under canopy stands of rubber plantations as is evident in the constructed ecological and diversity indices. However differences between sites were small in absolute terms. In both sites, herbs are the dominant life form followed by shrubs and trees. Of fifty-eight (58) recorded plant species, twenty-five (25) species were found economically important i.e., used as medicinal and other NTFP uses by the local people. None of the species observed in the plantation area falls under the Red Data Book of India and IUCN Red List of Threatened species.

Faunal inventory in two selected rubber plantation areas revealed the occurrence of thirty (30) species of insects, four (4) species of Arachnids, five (5) species of Anurans, one (1) species of bird, three (3) species of lizard, and two (2) species of mammals. In general, insects, arachnids and reptiles prefer warm environment because they are cold-blooded animals, and need temperature to raise their body temperature to activate physiological processes and rubber plantations are one such suitable environment. Among the recorded species, three (3) are listed under CITES, thirteen (13) are listed in IUCN Red List of Threatened Species of the world and four (4) species are listed under IWPA.

However, considering both the floral as well as faunal content, we find the spread being wider in Pathalia as compared to Takmacherra. Such an observation is very much in tune with many other studies across the world that monoculture has a negative impact on bio-diversity. Moreover, with bamboo species being observed in the peripheral stand of rubber plantations, in future, rubber may be replaced by bamboo in the sloppy peripheral zone owing to better soil binding properties of the latter.

The study on the microbial diversity from rubber plantations in Tripura is the first of its kind. Two sets of soil were obtained from each of the sample sites. It is observed that the colony forming unit (CFU) of bacteria was highest in Takmachara 2 and lowest in Pathalia 2 and the CFU of fungi was highest in Pathalia 2 and lowest in Takmachara 2. A total of fourteen (14) microfungi and a singular Sterile hyphae were identified after isolation. Moreover, the number of Arbuscular mycorrhizal fungi isolated from the sites was higher in Pathalia, which is because of better light penetration in young stand facilitating better growth conditions for other grass and herbaceous vegetation and litter decomposition in the soil.

On the basis of the three pronged approach to capture the impact of rubber plantations on environment, we may say that the results are in expected lines. Both the sites reveal that rubber based intervention has had an impact on their local environment but the concern of the local populace is more on social and livelihood issues. However, the better land terracing and contouring of plantations by TFDPC has ensured that a major problem- soil erosion has been averted, which is not true for private plantations that grew as a demonstration effect of the TFDPC plantations. Therefore to sum up, we may say that any monoculture is likely to have its impact on the bio-diversity and the current study also validates the statement. Rubber plantations have provided substantial economic benefits to the state but indiscriminate plantations may lead to a much higher social cost.

Summary Report of Socio-economic study for TFDPC

Rubber Plantations in Tripura are considered as one of the harbingers of development. The rural economy of Tripura is undergoing rapid transformation due to the “Midas touch” of this liquid gold. The positivity created by rubber is an outcome of coordinated efforts of several government initiatives as well as private entrepreneurial efforts. The process of value-addition in the state is likely to augment the sector even further.

TFDPC is one of the foremost agencies promoting Natural Rubber as an agricultural sector activity as well as an industrial input (rubber woods for door and furniture). In more than 37 years of existence the corporation has emerged as the pioneer in the sector not just as a producer but also through its welfare induced model of rehabilitation, which has been replicated by other agencies in latter periods. The emergence of Tripura as the second largest rubber growing state in the country is also because of the immense contribution from the corporation. The number of people, family, household associated with TFDPC activities, directly or indirectly, is huge. The field reports indicate that people belonging to various communities work as waged workers at TFDPC centre, while the tribal beneficiaries has had a new lease of life owing to the corporation. As a result, one can easily comprehend that the scale of operations of the corporation is putting a strong footprint in the state and its people.

The status of rubber plantations in Tripura reveals a character of low productivity and TFDPC plantations are also no exception. It is seen that the yield rates reported by the beneficiaries are also not much impressive, nor are the yield rates of the plantations owned by the corporation. Obviously, it is a situation of poor economics. Monetary value of output suffers as well as profitability plummets.

The socio-economic analysis of the two categories of TFDPC plantation worker exhibits their close affinity towards the corporation, as all are unanimous in accepting the fact that TFDPC initiatives have substantially added to their standard of living, though the income level of a few respondents are at bare minimum. Certain health problems have been reported owing to hard working hours and condition. It may be noted that, the income levels of the wage workers are lower than that of the beneficiaries in most cases, as per expectation, but the additional facilities provided by the organization in the forms of various incentive and allowances allow them to enjoy a minimum standard of life. Interesting to note here that, even under stressful conditions many workers dream to own rubber plantations for a better living in the future. Nevertheless, to sum up, we may say that TFDPC activities are having an impact across the various categories and communities of people living in the state in a positive manner.

In order to facilitate further positive impact on the local society and economy, the corporation may adopt the following in future-

- Revision of the existing wage rate or indexation of the wage rate to the inflation rate
- Provision of health check-ups for the workers and beneficiary households
- Provision of mosquito repellent cream to the tapers
- Award prizes to the wards of workers and beneficiaries for educational, cultural and sports achievement
- Provide eye-glass and masks for field work

Last, but not the least, the corporation may devise new methods and incentives for further augmentation of yield rate, which will act as a positive multiplier on the life and livelihood of the stakeholders.

Nonetheless, to sum up, it can be said that the impact of TFDPC activities on the state of Tripura and its people is immensely positive because it acts as a facilitator of employment generation, which is the biggest hurdle for the state economy right now.

Tree Extraction Plan from Corporation Rubber Plantations during 2013-14 to 2017-18

Name of Division	Name of Centre	Year of Plantation	Year of Felling										Total		Reason for felling
			2013-14		2014-15		2015-16		2016-17		2017-18		Area in Ha	Nos of tree	
			Area in Ha	Nos of tree	Area in Ha	Nos of tree	Area in Ha	Nos of tree	Area in Ha	Nos of tree	Area in Ha	Nos of tree			
North	Juri	1981	12	1100									12	1100	Over Matured
		1977	7	800									7	800	Over Matured
		1978					43	4550					43	4550	Over Matured
		1980									20	1900	20	1900	Over Matured
	NC Para	1977			9.5	2330					20	4000	29.5	6330	Over Matured
		1978			20	2360	11	1400					31	3760	Over Matured
		1979							33	2340			33	2340	Over Matured
	Rata cherra	1974	15	1066									15	1066	Over Matured
		1975					12	2132	13	2665			25	4797	Over Matured
		1976					20	3900	20	2400			40	6300	Over

		1977					12.5	1747					12.5	1747	Matured Over Matured
		1979									2.5	547	2.5	547	Over Matured
	Nalkata	1981	16	1700	16	1900							32	3600	Low Productivity
	Sub total		50	4666	45.5	6590	98.5	13729	66	7405	42.5	6447	303	38837	
	Fac tory	Paticheri	upto 1980	6	1000	4.35	700						10.35	1700	Over Matured
	Takmacherra	1980	15	2250	15	2250	15	2250	15	2250	15	2250	75	11250	Over Matured
	Sub total		21	3250	19.35	2950	15	2250	15	2250	15	2250	85.35	12950	
S o u t h-	Sachrambari	1973	7	1400	7	1400	7	1400	7	1400	7	1400	35	7000	Over Matured
		1974	10	2500	10	2500	10	2500	10	2500	10	2500	50	12500	Over Matured
		1975	8	2000	8	2000	8	2000	8	2000	8	2000	40	10000	Over Matured
		1983	3.4	850	3.4	850	3.4	850	3.4	850	3.4	850	17	4250	Over Matured
	Abhangcherra	1984	24	6000	24	6000	24	6000	24	6000	24	6000	120	30000	Over Matured
	Chittamara	1988									5	1250	5	1250	Low Density
	UBC Nagar	1986							4.7	1175	4.7	1175	9.4	2350	Low Density
	Ekinpur	1986	10	2500	10	2500	10	2500	10	2500	10	2500	50	12500	Low Density
	Kalshimukh	1976	2	400	2	400	2	400	2	400	2	400	10	2000	Over Matured

		1977	2.8	560	2.8	560	2.8	560	2.8	560	2.8	560	14	2800	Over Matured
	Sub total		67.2	16210	67.2	16210	67.2	16210	71.9	17385	76.9	18635	350.4	84650	
<i>Sad</i>	West Ludhua	1978	11.8	2680									11.8	2680	Over Matured
		1979			13	1620	13	1620	13	1620	13	1620	52	6480	Over Matured
	Baishnav Pur	1986							4	520	4.5	575	8.5	1095	Low Density
	Sub total		11.8	2680	13	1620	13	1620	17	2140	17.5	2195	72.3	10255	
<i>Sad</i>	Kalamchoura	1986									6	307	6	307	Low Density
		1987									10	600	10	600	Low Density
	Nirvoypur	1994									8	599	8	599	Low Density
	Sub total		0	0	0	0	0	0	0	0	24	1506	24	1506	
Area in Ha to be felled			150		145.05		193.7		169.9		175.9		834.55		
Nos of Trees to be felled				26806		27370		33809		29180		31033		148198	
Volume in Cum				6701.5		6842.5		8452.25		7295		7758		37049.5	

Plan for Tree Extraction & replanting in Welfare Centres during 2013-14 to 2017-18

Division/ Block	Centre	Year of plantation	2013-14		2014-15		2015-16		2016-17		2017-18	
			Area (ha)	No.of trees	Area (ha)	No.of trees	Area (ha)	No.of trees	Area (ha)	No.of trees	Area (ha)	No.of trees
Northern	-	-	0	0	0	0	0	0	0	0	0	0
Sadar	East	1980	30.00	5340	0	0	0	0	0	0	0	0
	Karangicherra	1981	25.00	4450	50.00	8900	0	0	0	0	0	0
		1982	0	0	10.00	1780	32.00	5696	0	0	0	0
		1983	0	0	0	0	0	0	20	3560	7.50	1335
	Padmanagar	1982	0	0	0	0	31.00	5518	40	7120	0	0
		1983	0	0	0	0	0	0	0	0	13.25	2358
	West Karangicherra	1985	0	0	0	0	0	0	0	0	30.00	5340
	Banbazar	1985	0	0	0	0	0	0	0	0	0.96	171
Southern I & Factory	-	-	0	0	0	0	0	0	0	0	0	0
Southern II	-	-	0	0	0	0	0	0	0	0	0	0
	Total		55.00	9790	60.00	10680	63.00	11214	60.00	10680	51.71	9204
	Volume in cum			4895		5340		5607		5340		4602