Unit Cost for Raising of Misc., Nursery (4x7) in the year 2018-19 as per FSR 2018-19

2		st for Raising of Misc., Nursery		Ť		Rate in Rs			
	FSR Code No.	Item of work	Qt	у	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	3	4		5	6	7	8	9
1		PRIMARY BEDS of 1x1x0.3 m size for Miscellaneous species including bamboo - 50 primary beds for 1 lakh nursery is permitted. Primary beds should start from Jan - May depending on availability of fresh seeds. Once primary beds are formed, they can be used upto 5 years without changing the medium - what is required each time is solarization, burning a layer of grass on it and adding the below recommended fungicides and insecticides to the medium.							3
1	01.01.01	Preparation of New Site by clearing jungle growth, uprootal of stumps and removal of surface stones, pebbles etc.	1	Bed	4.72	1.18	5.90	1 Bed	5.90
2	01.01.03	Digging soil of the demarcated beds of 1x1x0.30 m size	1	Bed	36.32	9.08	45.40	1 Bed	45.40
3	01.01.04	Cost of sandy soil and transportation with 5 kms lead including loading and unloading charges (sandy soil and FYM in 5:1 ratio, i.e., 0.125 cum sandy soil and 0.025 cum FYM per primary bed	1	Bed	28.00	7.00	35.00	1 Bed	.35.00
4	01.01.05	For every extra km beyond 5 km upto 25 km	1	Bed	1.11	0	1.11	1 Bed	27.75
5	01.01.06	Cost and transport of 0.025 cum FYM	1	Bed	24.06	0	24.06	1 Bed	24.06
6	01.01.07	Mixing of sandy soil and FYM in 5:1 proportion (50 % of volume of bed) with exacavated soil and refilling the	1	Bed	10.32	2.58	12.90	1 Bed	12.90
7	01.01.08	Covering the beds with dried grass and leaf litter and burning them to ash which can form the upper layer	1	Bed	11.79	2.95	14.74	1 Bed	14.74
8	01.01.10	Cost of seed - seed weight, germination percentage and target of planting stock of individual species are to be taken into consideration while estimating the requirement of seeds		Bed	A/a				500.00
9	01.01.12	Sowing of seed (finer seeds like Adina, Mitragyna, Anthocephalus etc. to be mixed with sand and bradcasted - Bigger seeds to be dibbled in lines 1-2 cm apart) and covering the bed to a thickness of 2.5 cm with paddy hay including cost and conveyance	1	Bed	11.74	2.94	14.68	· 1 Bed	14.68
10	01.01.13	Watering the primary nursery beds with rose water cans twice daily for a maximum period of 2 months		Bed	13.21	3.30	16.51	1 Bed	33.03
.11	01.01.15	Cost of chemicals, fungicide and insecticide		Bed	As per lakh	actuals lim seedlings	nited to Rs. in primary		5.00
		The state authority, Condings pood		laring.				S.TOTAL::	718.46
12	1.03.00	BAG PLANT NURSERY: Seedlings need to be raised in 4"x7" (200 gauge) or 5"x9" (250 gauge) bags which are to be converted into 6"x12" (400 gauge) or 8"x12" (400 gauge) polybags. The seedlings are to be transplanted from primary beds in June - July. Hence the bags are to be filled during April-May when the soil is dry.							·
		Raising of Nursery in Polythene bags in sizes of 4"x7" (200 gauge) or 5"x9" (250 gauge) bags and arranging in secondary beds (Bed size: 10 X 1 M).	'						
	01.03.01	Site preparation for New Sites Clearing of growth, uprootal of stumps and removal of surface stones, rubbish	5	1 Nos	48.18	12.05	60.23	1 Bed	60.23

3.03	Cost of Polybags (including the cost of certification by): To ensure quality control, the quality of bags have to be certified by CIPET (Central Institute of Plastic Engineering & Technology), Hyderabad at the cost of tenderer by taking samples from various lots of boolybags.								
3.03	certified by CIPET (Central Institute of Plastic Engineering & Technology), Hyderabad at the cost of tenderer by Taking samples from various lots of								
3.03	Plastic Engineering & Technology), Hyderabad at the cost of tenderer by Taking samples from various lots of								
3.03	aking samples from various lots of				- 1			100	
3.03		8 9			1				
3.03									
	10 cm x 17.5 cm (4" x 7") size bags of	4.41	Kas	156.00	0.00	156.00	1	Kg	687.96
. (200 a: 589 baas / ka Cost and Transport of ingredients for		9-			107071760000000000000000000000000000000			
1	Potting Mixture: (As per CSSR) Red								
	Soil, tank-silt, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll								
	M-45, 4.5 kg of single super phosphate								
((SSP) and 250 gm of phorate granules								
	· ·								
li	ingredients								
	a) 10 cm x 17.5 cm (4" x 7") = 0.56	2600	Nos	101 47	0.00	101 47	1000	Nos	497.82
	cum vol. for 1000 bags		INOS	191.47	0.00	131.47	1000	1103	737.02
	unto 25 km								
3.06	a) $10 \text{ cm} \times 17.5 \text{ cm} (4" \times 7") = 0.56$	2600	Nos	4.99	0.00	4.99	1000	Nos	259.48
	cum vol. for 1000 bads Preparation of Potting Mixture by								
	with potting mixture and gently								
a	2600 bags / bed	2000	Nos	556.07	139.02	695.09	1000	Nos	1807.23
		1	Bed	7.20	1.80	9.00	1	Bed	9.00
	or inspection paths etc Pricking out seedlings from primary								125.60
03.10	beds and transplanting into polybags	2600	Nos	134.03	33.51	167.54	1000	Nos	435.60
	Sowing / dibbling of pretreated seeds						•		
3.11	(e.g. Yegisa, Nalamadi, Yerumaddi	2600	Nos	79.73	19.93	99.66	1000	Nos	259.12
	treatment								
	from Feb - Mar								
	a) Manually with rose spray or finely		Red	260 10	65.03	325 13	1	Bed/	1300.52
	nine		Deu	200.10	03.03	525,15		Month	
12 12	Weeding to be done for every 2		Red	47 76	11 94	59.70	1	Bed/	238.80
	transplantation up to March		Dea	17.70	11.5.	33170		Weeding	
	1st shifting and grading after three		essas men					Bed/	270.04
			Bed	223.07	55.77	278.84	1	lance III	278.84
	nursemy stock is lifted						-	3	
	out the empty bags and keeping at one			62.24	15.04	70.10		Red	79.18
	end of the bed (maximum 10% of total		Bea	63.34	15.84	79.10	1	beu	, , , , ,
			Pod	As per a	ctuals with	n a maximu	ım limi	t of Rs.	10.00
03.16	[13] N. 17 A.C. (1. 17 17. 17. 17. 17. 17. 17. 17. 17. 17. 17.	1 1	Беа	Rs. 20	00/ per 1	lakh polyba	ig seed	llings.	10.00
	Meeding in the space between the								
03.18	beds, inspection path and sorroundings	1	Bed	32.55	8.14	40.69	1	Bed	40.69
	of Nursery Maintenance of 4"x7" or 5"x9" bag	-			17.				
	plants from April - August - Watering								
	(a) Manually with rose cans or finely		_	250 - 5	65.00	225 12		Bed /	325.13
03.19	perforated nozzle attached to a nose	1	Bed	260.10	65.03	325.13	1	month	525.13
	Weeding the beds during May & July							Bed /	
	recoining the beas during may a sary	1	L .	47.76	11.94	59.70	1 1	weedi	59.70
03 2N	94	1	Bed	47.70	11.54	33.70	100	za savenostrorest	
03.20	27	1	Bed	47.76	11.54	331,70		ng	
03.20	Shifting, grading and rearrangement in	n	Bed	223.07	55.77	278.84	1	ng Bed/S	278.84
	3.05 3.06 3.08 3.08 3.09 3.10 3.11 3.12 3.13 3.14 3.15 3.16 3.16	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture ingredients a) Distance up to 5 km 3.05 a) 10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bags b) For every extra km beyond 5 km unto 25 km 3.06 a) 10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bags Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and 10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed 3.09 a) 10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed 3.10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed 3.11 by a compared to be defined to a line of inspection paths etc. Pricking out seedlings from primary beds and transplanting into polybags Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of transmant. Watering the plants twice a day from Feb - Mar a) Manually with rose spray or finely perforated nozzle attached to a hose nine Weeding to be done for every 2 months from the date of transmantation unto March 13.14 granulation unto March 13.15 shifting and grading after three months and consecutive shifting and grading after every two months till the nurcan etack is lifted Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Act Weeding in the space between the beds, inspection path and sorrounding of Nurserv Maintenance of 4"x7" or 5"x9" bag-plants from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture ingredients a Distance up to 5 km 3.05 cum vol. for 1000 bads b) For every extra km beyond 5 km unto 25 km 3.06 cum vol. for 1000 bads b) For every extra km beyond 5 km unto 25 km 3.07 cum vol. for 1000 bads Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and 3.08 lignment of beds including allignment of inspection paths etc. Pricking out seedlings from primary beds and transplanting into polybags 3.10 Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatment Watering the plants twice a day from Feb – Mar a) Manually with rose spray or finely perforated nozzle attached to a hose pine Weeding to be done for every 2 months and consecutive shifting and grading after three months and consecutive shifting and grading after every two months till the nurseau check is lifted Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct. Weeding in the space between the beds, inspection path and sorroundings of Nurserv Maintenance of 4"x7" or 5"x9" bagplants from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Watering the plants twice a day from April – August – Wa	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture incredients a) Distance up to 5 km 3.05 a) 10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bacs b) For every extra km beyond 5 km unto 25 km 3.06 a) 10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bacs Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and 10 cm x 17.5 cm (4" x 7") size bags: 2600 hos 2600 bags / bed 3.09 Allignment of beds including allignment of inspection paths etc. Pricking out seedlings from primary beds and transplanting into polybags 3.11 (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of transmant watering the plants twice a day from Feb – Mar a) Manually with rose spray or finely perforated nozzle attached to a hose nine Weeding to be done for every 2 months from the date of transmantation unto March 1st shifting and grading after three months and consecutive shifting and grading after every two months till the nursanched is lifted Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Nath Meeding in the space between the beds, inspection path and sorroundings of Nursery Maintenance of 4"x7" or 5"x9" bagplants from April – August – Watering the plants twice a day from April – (a) Manually with rose cans or finely	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture ingredients a) Distance up to 5 km 3.05 a)10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bags b) For every extra km beyond 5 km unto 25 km 3.06 a) 10 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 bags Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and 10 cm x 17.5 cm (4" x 7") size bags: 2600 Nos 556.07 2600 bags / bed 3.09 Allignment of beds including allignment of inspection paths etc. Pricking out seedlings from primary beds and transplanting into polybags 3.11 (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of transplanting the plants twice a day from Feb - Mar 3.12 perforated nozzle attached to a hose nine 3.13 months from the date of transplantation un to March 1st shifting and grading after three months and consecutive shifting and grading after every two months till the nuccent check is lifted. 3.14 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 3.15 Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Octoor of the deding in the space between the beds, inspection path and sorroundings of Nursery Maintenance of 4"x7" or 5"x9" bagplants from April – August - Watering the plants twice a day from April – August - Watering the plants twice a day from April – (a) Manually with rose cans or finely leads from April – August - Watering the plants twice a day from April – (a) Manually with rose cans or finely leads of the sed (maximum 10% of total stock is permissible)	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per 1 cum of potting mixture will be added. Cost of chemicals is as per 2 cm of potting mixture incredients a) Distance up to 5 km a) 10 cm × 17.5 cm (4" × 7") = 0.56 cm vol. for 1000 bads b) For every extra km beyond 5 km unto 25 km a) 10 cm × 17.5 cm (4" × 7") = 0.56 cm vol. for 1000 bads cm vol. for 1000 bads preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and a 10 cm × 17.5 cm (4" × 7") size bags: 2600 Nos 556.07 139.02 2600 bads. J bed 7.20 1.80 proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and of inspection paths etc. Pricking out seedlings from primary beds and transplanting into polybags 2600 Nos 134.03 33.51 (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of transplant tips and from Feb Mar a) Manually with rose spray or finely perforated nozzle attached to a hose of transplantation un to March 1st shifting and grading after three months and consecutive shifting and grading after every two months till the nuceant stack is lifted Replacement of Casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Osciological policy of NFK-19:19:19; fungicides and insecticides from July to Acc. Weeding in the space between the beds, inspection path and sorroundings of Nixsery Maintenance of 4"x7" or 5"x9" bagplants from April – August - Watering the plants twice a day from April – (a) Manually with rose cans or finely leading the plants twice a day from April – (a) Manually with rose cans or finely leading the plants twice a day from April – (a) Manually with rose cans or finely leading the plants twice a day from April – (b) Manually with rose cans or finely leading the plants twice a day from April	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture incredients a) Distance up to 5 km 3.05 a)10 cm x 17.5 cm (4" x 7") = 0.56 cm yol. for 1000 bacs b) For every extra km beyond 5 km unto 25 km 3.06 a) 10 cm x 17.5 cm (4" x 7") = 0.56 cm yol. for 1000 bacs Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture and gently pressing the same with finger tips and alignment of inspection paths etc 3.08 a) 10 cm x 17.5 cm (4" x 7") size bags: 2600 Nos 556.07 139.02 695.09 Alignment of beds including allignment of inspection paths etc 7.20 1.80 9.00 Pricking out seedlings from primary beds and transplanting into polybags Sowing / dibbling of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatment and years and mixing the plants twice a day from Eab - Mar. 3.11 (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including cost of treatment and years and year	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture inarcelients a) Distance up to 5 km a) Dist	(SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per Transportation of soil mixture inaredients a Distance up to 5 km and 310 cm x 17.5 cm (4" x 7") = 0.56 cm vol. for 1000 haas b) For every extra km beyond 5 km with 25 km and 25

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26		CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height of polybag).							
		Cost and Transport of ingredients for Potting Mixture: Red Soil, tank-silt / claey soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per							
	01.03.24	Transportation of soil mixture							
	c ·	ingredients Distance up to 5 km 4" x 7" to 6" x 12" polybags (2.15 - 0.56 = 1.59 cum) Transportation of soil mixture	1100	Nos	543.72	135.93	679.65	1000 Nos	747.62
	01.03.25	ingredients more than 5 km distance					70		
	С	4" x 7" to 6" x 12" polybags (2.15 - 0.56 = 1.59 cum)	1100	Nos	14.17	3.54	17.71	1000 Nos	389.62
	01.03.27	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag		7		27	-		5
		plants per bed) 4"·x 7" to 6" x 12" polybags (2.15 -			0,20 00	227.72	1100.61	1000 N	1207.47
	C	0.56 = 1.59 cum)	1100		950.89	237.72	1188.61	1000 Nos	1307.47
	01.03.29	Cost of Chemical component Weeding the plants (1100 no. of 6"x12"bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags) from		Bed		ASI	per actuals		3.00
	a	November - March: 2 weedings 1st weeding - December		Bed	47.76	11.94	59.70	1 Bed	59.70
	01.03.34	2nd weeding - February Shifting, Grading and rearranging in secondary beds - One Grading in	-	Bed Bed	47.76 223.07	11.94 55.77	59.70 278.84	1 Bed Bed/ 1 Weedi	59.70 278.84
	01.03.35	Watering the plants manually twice a day (from Novemebr - March) with rose spray or finely perforated nozzle							
	a	Manually with rose spray or finely perforated nozzle attached to a hose		Bed	260.10	65.03	325.13	1 Bed/ month	1625.65
. 23	1	Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to	1	Bed				ım limit of Rs. ıg seedlings.	10.00
24		Contingencies for Raising Year towards the expenditure like cost of hose pipe, nursery boards, (store register for materials purchased to be maintained.)			As per		ubject to m	ax. of 3% of year	355.00
24	auto terroria creatante	Contingencies for Electricity charges, Running & maintenance charges of oil engine (bills to be certified by DFO / FDO and a seperate log book to be maintained for oil engine				As p	er actuals,		300.00

24		Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the	1	No.					2001.00
		provisions cited under general					E 24	S.TOTAL::	7139.60
and the same	1000000			Tota	unit ra	te arrived	for the ve	ar 2018-19::	7139.60
		•		1000			Add 10%	escalation::	714.00
				Tota	unit ra	te arrived	for the year	ar 2019-20::	7853.60
		* # H = 5		1				escalation::	785.00
				Tota	l unit ra	te arrived	for the year	ar 2020-21::	8638.60
		T.E			•		Add 10%	escalation::	864.00
	11.			Tota	l unit ra	te arrived	for the year	ar 2021-22::	9502.60

Brangar

Forest Range Officer Gangaram

Unit Cost Maintenance of Misc., Bag Plants (6x12) Nursery (04/19 to 07/19 = 4 Months) as per FSR 2018-19

1 2 3		MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed) 04.01 Watering polybag secondary beds twice a day for 4 months Manually with rose spray or finely perforated nozzle attached to a hose pipe 04.02 Weeding once during maintenance vear	1 x 4 1 1 x 2	mon th Bed	Asper FSR 5 5 260.1 47.76	Agency allowanc e 25% 6 65.03 11.94	325.13 59.7 278.84	1 1	Bed/ Month Bed Bed/	Amount . 9 1301.00 60.00
1 2 3	No. 2 01.04.00 01.04.01 a 01.04.02 01.04.03	MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed) 04.01 Watering polybag secondary beds twice a day for 4 months Manually with rose spray or finely perforated nozzle attached to a hose pipe 04.02 Weeding once during maintenance vear 04.03 Shifting, grading and rearrangement in beds Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1 x 4 1 1 x 2	Bed s x mon th Bed s x shift	FSR 5	65.03	325.13 59.7	1 1	Bed/ Month Bed Bed/	1301.00
2 3 . 4	01.04.00 01.04.01 a 01.04.02 01.04.03	MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed) 04.01 Watering polybag secondary beds twice a day for 4 months Manually with rose spray or finely perforated nozzle attached to a hose pipe 04.02 Weeding once during maintenance vear 04.03 Shifting, grading and rearrangement in beds Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1 x 4	Bed s x mon th Bed Bed s x shift	260.1	65.03 11.94	325.13 59.7		Bed/ Month Bed Bed/	1301.00
2 3 . 4	01.04.01 a 01.04.02 01.04.03	NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed) 04.01 Watering polybag secondary beds twice a day for 4 months Manually with rose spray or finely perforated nozzle attached to a hose pipe 04.02 Weeding once during maintenance year 04.03 Shifting, grading and rearrangement in beds Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1 x 4 1 1 x 2	s x mon th Bed Bed s x shift	260.1	65.03 11.94	325.13 59.7		Bed/ Month Bed Bed/	1301.00
2 3 . 4	a 01.04.02 01.04.03 01.04.06	twice a day for 4 months Manually with rose spray or finely perforated nozzle attached to a hose pipe 04.02 Weeding once during maintenance year Shifting, grading and rearrangement in beds Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1 x 4	s x mon th Bed Bed s x shift	260.1 47.76	11.94	59.7		Month Bed Bed/	
3 4	01.04.03 01.04.06	perforated nozzle attached to a hose pipe 04.02 Weeding once during maintenance vear 04.03 Shifting, grading and rearrangement in beds Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1 x 4	s x mon th Bed Bed s x shift	47.76	11.94	59.7		Month Bed Bed/	
3 4	01.04.06	vear Shifting, grading and rearrangement in beds Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1 x 2	Bed s x shift	-		HOUSE TO CONSTRUCT		Bed/	60.00
5	01.04.06	O4.06 Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh		s x shift	223.07	55.77	278.84	1		
5		04.06 can apply chemical foliar spray or apply cowdung slurry - not both) (a) Cost and transportation of fresh	1						shiftin g	558.00
7			1							
7	a c	The second secon		Bed	As per a	of Rs. 2	ect to maxi 500/-	imum	per 100 beds for 3	25.00
7		 (b) Application of cowdung slurry - once per month between April to June - Watering should not be done 12 hours before and after application of cowdung slurry treatment. 		Bed	35 35	By Nur	sery Watch	er	MARK	0.00
	01.04.07	Weeding in the space between the beds, inspection path and sorroundings of Nursery	1	Bed	26.3	6.58	32.88	1	Bed	33.00
	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secodary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the		No.						334.00
	01.04.08	register for materials purchased to be					o max. of 3 nance year			69.33
8	.	Contingencies for Electricity charges, Running & maintenance charges of oil engine (Bills to be certified by DFO / FDO and a seperate log book to be maintained for oil engine)			A	As per actu	als,			69.06
_	01.04.09	į.							TAL::	2449.39
	01.04.09		-			Unit Rate	as per FS	R 201	7-18::	2449.39
	01.04.09		1	Total	unit rate	arrived f	Add 10% or the yea	escala r 2019	8-10	245.00 2694.39
	01.04.09		- 1	T			- the year		0	
	01.04.09						Add 10% or the yea	escala	tion::	269.00

,		Add 10% escalation::	296.00
	•	Total unit rate arrived for the year 2020-21::	3259.39
760	39	Add 10% escalation::	326.00
*		Total unit rate arrived for the year 2021-22::	3585.39
	· ·	Add 10% escalation::	359.00
		Total unit rate arrived for the year 2022-23::	3944.39

Forest Range Officer, Gangaram.

Unit Cost Maintenance of Misc., Bag Plants (6x12) Nursery (08/19 to 03/20= 8 Months) as per FSR 2018-19

										-
			5.	Rate in Rs						_ <
Amount	er	. P	Total	Agency allowanc e 25%	Asper FSR	У	Qt	Item of work	FSR Code No.	Sł. No.
9	8		7	6	5		4	. 3	2	1
	Ī							MAINTENANCE OF BAG NURSERY FROM SEPTEMBER ONWARDS TILL DISPOSAL	1.05 .	
1578.00	Bed/ Month		197.24	39.45	157.79	mon	1 x 8	Watering the plants for 10 m X 1 m size secondary bed	01.05.01	. 1
558.00	Bed/ shiftin g	1	278.84	55.77	223.07	Bed	1 x 2	Shifting, grading and rearrangement in beds	01.05.02	2
667.00						No.		Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the	01.05.04	3
								above narrative is subject to the provisions cited under general		
2803.00	OTAL::								[//	
2803.00			e as per FS						1 200	
280.00			Add 10%					N 7		
3083.00			for the year	e arrived	unit rat	Total		4.5		i.
308.00			Add 10%							
3391.00			for the ye	te arrived	unit rat	Total				
339.00	_		Add 10%							
3730.00			for the ye	te arrived	unit rat	Total				
373.00			Add 10%							
4103.00			for the ye	te arrived	unit rat	Total		1		
410.00			Add 10%							
4513.00	22-23::									

Forest Panga Office

Forest Range Officer, Gangaram.

Unit Cost Maintenance of Misc., Bag Plants (6x12) Nursery (04/20 to 07/20= 4 Months) as per FSR 2018-19

No. 1	01 05 01	Item of work 3 MAINTENANCE OF BAG NURSERY FROM SEPTEMBER ONWARDS TILL	Qt		Asper	Rate in Rs Agency allowanc	Total	F	Per	Amount
No. 1	No	3 MAINTENANCE OF BAG NURSERY FROM SEPTEMBER ONWARDS TILL					Total	F	Per	Amount
1	1.05	MAINTENANCE OF BAG NURSERY FROM SEPTEMBER ONWARDS TILL	4			e 25%	. 5.61			
	1.05	FROM SEPTEMBER ONWARDS TILL			5	6	7		8	9
	01.05.01	DISPOSAL								
		Watering the plants for 10 m X 1 m size secondary bed	1 x 4	Bed s x mon	157.79	39.45	197.24	1	Bed/ Month	789.00
2	01.05.02	Shifting, grading and re-arranging in beds for 10 m X 1 m size bed - with prior written permission of Circle Head	1 x 1	Bed s x shift	223.07	55.77	278.84	. 1	Bed/ shiftin g	279.00
	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general	1	No.				•		334.00
	4								OTAL::	1402.00
						Unit Rat	e as per FS	SR 20	17-18::	1402.00
	The state of the s						Add 10%	esca	lation::	140.00
				Tota	unit rat	e arrived	for the ye	ar 20	18-19::	1542.00
			_	100		-	Add 10%	esca	lation::	154.00
		- (*)	-	Tota	Lunit rat	e arrived	for the ye			1696.00
			-	Tota	unitra	e arrived	Add 10%	0603	lation	170.00
		•	-		L com it com	to purity and				1866.00
			-	Tota	unit ra	e arrived	for the ye	ar 20	lation:	
				-			Add 10%	esca	21 22:	187.00
		The state of the s	1	Tota	unit ra	te arrived	for the ye	ar 20	Z1-ZZ::	2053.00
							Add 10%	esca	iation::	205.00
				Tota	l unit ra	te arrived	for the ye	ar 20	22-23::	2258.00

Total unit rate for Nursery Maintenance during 2018-19 :: 7319.39
Total unit rate for Nursery Maintenance during 2019-20 :: 8050.39
Total unit rate for Nursery Maintenance during 2020-21 :: 9741.39
Total unit rate for Nursery Maintenance during 2022-23 :: 10715.39

Forest Range Officer, Gangaram.

ANNEXURE- 2 (B)

Unit Cost for Advance Operations under Semi Mechanical Method as per FSR 2018-19

Espacement 3 x 3 M

Name of the Species : NTFP

		Espacement 5 x 5 11						
					Rate in Rs.			
SI. No	FSR Code No.	Item of work	Qty	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
		3.	4	5	6	7	8	9
1	2	Survey with hand-held GPS (staff to						
	02.08.01	carry out) and demarcation - one manday is allowed for assistance. The surveyed sketch with exact effective area statement will be uploaded in MIS platform by end of December.	1 No.	339.66	0.00	339.66	1 No.	340
2		Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, Somi, Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa, Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.); Spreading the cut material all over the site; and Burning the same twice till completely burnt. The unsuitable area shall be excuded from the clearing opearation and the expenditure shall be incurred.					·	
		for effective area only. All the						
a)	с .	above operations shall be Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	1 Ha	5686.75	1421.69	7108.44	1 Ha	7108
3		Uprootal of Stumps (excluding unsuitable patches) to a minimum depth of 45 cm with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal, and levelling. For retrived encroached area, the approval of Circle Head is required and the approval should indicate clearly the density of stumps or vegetation to be removed through uprootal. The uprootation of the carried out preferable	n y d e d d s d d f f d					
a	с с	Light Jungle Growth (> 20% and upt 30% ground area covered with Jung growth) with prior written approval of DFO based on field inspection of DFO.	le 1 Ha	12664.8	6 0	12664.86	5 1 Ha	12665
	02.08.04	Collection and Removal of Uproote Stumps of all sizes, other debrets, to outside the plantation site.	ed is	50				
ā	с с	Light Jungle Growth (> 20% and up 30% ground area covered with Jung growth) with prior written approval DFO based on field inspection of DFO.	to le of 1 Ha	9916.4	6 2479.12	12395.5	3 1 Ha	12396
	02.08.0	Tilling (PERMISSIBLE FOR CA ARE ONLY) the soil to a depth of 45 c in the effective area (excluding unsuitable patches) with head duty machinery fitted with 0.5 cum and above capacity bucket at levelling - ONLY PERMISSIBLE FOR AREA and writted and require	m ng vy e o o f e d nd h e a b e le r					

С	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	1	На			9380.64	1	На	9381
			Total	unit rate	arrived 1	for the year	r 201	8-19::	41890.00
	,					Add 10%	escal	ation::	4189.00
	-		Total	unit rate	arrived 1	for the yea	r 201	9-20::	46079.00
			1	T		Add 10%	escal	ation::	4608.00
		7	Total	unit rate	arrived				50687.00
			1000	1		Add 10%	escal	ation::	5069.00
			Total	unit rate	arrived				55756.00
-			1000		1	Add 10%	escal	ation::	5576.00
_			Total	unit rate	arrived				61332.00
			Total	unit rate	unived				6133.00
			Total	unit rate	arrived				67465.00
		_	Total	unit rate	arriveu				
			+		- univered				
			Total	unit rate	arrived	tor the yea	202	.J-20	74212.00
					L				
			Total	unit rate	arrived	for the yea	r 202	6-2/::	81633.00
	c	30% ground area covered with Jungle	c growth) with prior written approval of	C 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO. Total Total Total Total Total Total Total Total	C 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO. Total unit rate Total unit rate	Total unit rate arrived Total unit rate arrived	C 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO. Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea Add 10% Total unit rate arrived for the yea	Total unit rate arrived for the year 201 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Total unit rate arrived for the year 202 Add 10% escal Add 10% escal Add 10% escal Add 10% escal Add 10% escal	c 30% ground area covered with Jungle growth) with prior written approval of 1 Ha 9380.64 0.00 9380.64 1 Ha

Forest Range Officer, Gangaram.

Unit Cost for Raising of NTFP Plantations under Semi Mechanical Method as per FSR 2018-19

Espacement 3 x 3 M

Name of the Species : NTFP

		Espacement 3 x 3 M			000 person and 1000 person and		Ivaii	10 01	the Sp	ecies : NTFP
SI.		39				Rate in Rs	i.			
No	FSR Code No.	Item of work	Qt	У	Asper FSR	Agency allowanc e 25%	Total		Per	Amount
1	2	3	4		5	6	7		8	9
. 1	02.09.02	Deep Ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. FOR TILLED AREA ONLY								
	а	Ordinary soil		На	3305.06	0	3305.06	1	На.	3305
2	02.09.01	Removing congestion of root suckers and other uprooted material hindering the effective ploughing	00 0	На	985.70	246.43	1232.13	1	На.	. 1232
3	02.09.04	Allignment & Stacking including demarcation of base line						•		*
a)	•	(c) 3X3 m espacement = 1111 planting points	1111	Nos	81.03	20.26	101.29	100	Nos	1125
4	02.09.05	Cost of preparation of stakes (0.45 m length) and transportation of site	1111	Nos	51.65	0.00	51.65	100	Nos	574
5	02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil			•					
	b	45 cm3 pits	1111	Nos	9.65	2.41	12.06	1	No	13399
		PLANTING OPERATIONS DURING RAISING YEAR								
6.	02.09.07	(a) Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km								
	b	15 X 30 cm (6"X12") bag plants	1111	Nos	106.47	0	106.47	100	Nos	1183
7	02.09.10	Internal transportation to planting points on head loads								
_	b	15 X 30 cm (6"X12") bag plants	1111	Nos	83.27	20.82	104.09	100	Nos	1156
	02.09.11	Fortification of seedling with insecticide and treating pits with SSP								
		(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting		Nos	35.62	8.91	44.53	100	Nos	495
9.		(b) Cost of SSP, Chloridine dust or Chloropyriphos	84	Kgs	8.00	0.00	8.00	1	Kg	672
10	00.00	Planting				Part of the second	20142-01			,
	02.09.14	Watering (one time) immediately after planting if the planting takes place on a non-rainy day and if there is no rains after planting for 1-2 days with prior written permission of Circle Head and under intimation to Head Office. Also the date of watering is to be recorded in plantation Journal (Refer PCCF Office Rc. No. 17309/2000/G1, Dt.	1111	en:	240.24	60.06	300.30		Nos	3336

		Replacement of Casualties: 20%								
A		during Raising Year. (In case of Eucalyptus: 10% during raising and								
1		no casualty replacement for further maintenance). The caualty			*					
.1		replacement should be done in 3								
		stages at an interval of 15 days immediately after planting during					-			
+		raising year. Digging of Pits in Ploughed Areas in			-					
5.		June - July by adopting 50% of original								
5	02.09.06	rate of digging of pits of ordinary soil								22
+	b	45 cm3 pits	222	Nos	9.65	2.41	12.06	1 N	0	2680
+	- 1	PLANTING OPERATIONS DURING								
+	110000000000000000000000000000000000000	RAISING YEAR (a) Transportation of Planting Stock								
6		(including loading and unloading)								
+	b	up to a distance of 5 km 15 X 30 cm (6"X12") bag plants	222	Nos	106.47	0	106.47	100 N	los	237
7		Internal transportation to planting points on head loads								
+	b	15 X 30 cm (6"X12") bag plants	222	Nos	83.27	20.82	104.09	100 N	los	231
	02.09.11	Fortification of seedling with insecticide and treating pits with								
	02.09.11	SSP								
		(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth								
	-	and early establishment of plant after								
		planting. ii) Similarly, the bag plants to be planted will be dipped inside	222	Nos	35.62	8.91	44.53	100 N	los	99
		Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at								
		nursery site before transport or at								
	1.0	plantation site before planting				pr.	13			
9	8	(b) Cost of SSP, Chloridine dust or Chloropyriphos	11	Kgs	8.00	0.00	8.00	1 K	(g	88
10		Planting	222	Non	396:80	99.20	496.00	100 N	los	1102
12	02.09.13	Fertilizer Application for boosting	222	NOS	. 390.80	99.20	490.00	100 1	103	1102
12		arowth	20		20.00	0.00	20.00	1 1	′a	560
	02.09.16	Cost of DAP @ 25 gm / planting point	135.50%	Kgs	20.00	0.00	20.00	1 K	\g	300
		Application of fertilizer in August (30 days after planting) by making 3 holes								
13	02.09.17	of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and	98 BORNES							
	02.03.17		11111	Nos	35.62	8.91	44.53	100 N	Nos	495
- 1		putting fertilizers and closing. Ensure		Nos	35.62	8.91	44.53	100 N	Nos	495
				Nos	35.62	8.91	44.53	100 N	Nos	495
14		putting fertilizers and closing. Ensure that the soil is really wet at the time of		Nos	35.62	8.91	44.53	100 N	Nos	. 495
14	02.09.18	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m			35.62 113.34	28.34	44.53 141.68	100 N		
14	02.09.18	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug)					0.0 20/02/2000			
14	02.09.18	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working					0.0 20/02/2000			1574
14	•	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only)		Nos			0.0 20/02/2000		Nos	1574
14	•	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of	1111	Nos	113.34	28.34	141.68	100 M	Nos	1574
	•	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the	1111	Nos	113.34	28.34	141.68	100 M	Nos	1574
	•	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to	1111	Nos	113.34	28.34	141.68	100 M	Nos	1574
14	02.09.19	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor	1111	Nos	113.34	28.34	141.68	100 M	Nos	1574
	02.09.19	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to	1111	Nos	113.34	28.34	141.68	100 M	Nos	1574 8266
	02.09.19	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Ordinary soil Pruning of lower branch initials of	11111	Nos	113.34 595.23	28.34	141.68 744.04	100 M	Nos Nos Ha.	1574 8266
•	02.09.19	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Ordinary soil	11111	Nos	113.34 595.23	28.34	141.68 744.04	100 M	Nos Nos Ha.	1574 8266
. 15	02.09.19 02.09.20	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Ordinary soil Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during October)	11111	Nos	113.34 595.23	28.34	141.68 744.04	100 M	Nos Nos Ha.	1574 8266
. 15	02.09.19 02.09.20	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Ordinary soil Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during October) Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written	11111	Nos	113.34 595.23	28.34	141.68 744.04	100 M	Nos Nos Ha.	1574 8266
15	02.09.19 02.09.20 a 02.09.21	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Ordinary soil Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during October) Uprootal of Mahaveera (Hyptis suaveolens) weed with prior writter approval of Circle Head and taking	11111	Nos Nos Ha	113.34 595.23	28.34	141.68 744.04	100 M	Nos Nos Ha.	1574 8266 2254 1565
15	02.09.19 02.09.20 a 02.09.21	putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING Circular weeding to a radius of 0.50 m around the plant (during July - Aug) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Ordinary soil Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during October) Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written	11111	Nos	113.34 595.23	28.34	141.68 744.04 2253.79 140.85	100 M	Nos Nos Ha.	1574 8266 2254 1565

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17	. 02.09.24	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and entry of grazing animals is stopped. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	1 Nos		8340	0	8340	1 Month	2502
18		Miscellanous (Plantation Board and etc.,)					A/a		1002
			To	tal	unit rate	arrived	for the yea	r 2018-19::	58782.00
							Add 10%	escalation::	5878.00
			To	tal	unit rate	arrived	for the yea	r 2019-20::	64660.00
	-							escalation::	6466.00
	22		To	tal	unit rate	arrived	for the yea	r 2020-21::	71126.00
							Add 10%	escalation::	7113.00
			То	tal	unit rate	arrived	for the yea	r 2021-22::	78239.00
	100							escalation::	7824.00
			То	tal	unit rate	arrived		r 2022-23::	86063.00
								escalation::	8606.00
			То	tal	unit rate	arrived		r 2024-25::	94669.00
	te .					1		escalation::	9467.00
		5. 2011 W	To	tal	unit rate	arrived			104136.00
					2.4			escalation::	10414.00 114550.00
			T -						

Bharagan

Forest Range Officer, Gangaram.

Unit Cost for 1st year maintenance of NTFP Plantations Raised under Semi Mechanical Method as per FSR 2018-19

		Method a	13 PC		· = 0 = 0				
SI.						Rate in Rs	i.		
No	FSR Code No.	Item of work	Qt	У	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	3	4		5	6	7	8	9
1	02.10.01	Replacement of Casualties: 25% in 1st year (In case of Eucalyptus: no casualty replacement). The list of all casualty points shall be prepared by concerned FRO by and made a report to DFO latest by end of May. The pitting of all such casualty points shall be over by end of June. The planting shall be completed by 15th of July.							
٠5	02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil			: wa	*			
	ь.	45 cm3 pits	278	Nos	9.65	2.41	12.06	1 No	3350
	4	PLANTING OPERATIONS DURING RAISING YEAR							
6	02.09.07	(a) Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km							
·	b	15 X 30 cm (6"X12") bag plants	278	Nos	106.47	0	106.47	100 Nos	. 296
7	02.09.10	Internal transportation to planting points on head loads							
	b	15 X 30 cm (6"X12") bag plants	278	Nos	83.27	20.82	104.09	100 Nos	289
	02.09.11	Fortification of seedling with insecticide and treating pits with SSP							
(4) II		(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting	278	Nos	35.62	8.91	44.53	100 Nos	124
9		(b) Cost of SSP, Chloridine dust or Chloropyriphos	14	Kgs	8.00	0.00	8.00	1 Kg	112
10		Planting	270	NI	206.00	00.20	106.00	100 Nos	1270
	02.09.13	Circular weeding to a radius of 0.50 m	278	NOS	396.80	99.20	496.00	100 Nos	· 1378
2	02.10.02	around the plant during raising year (Tully - Aug) Circular weeding cum Deep soil working	1111	Nos	113.34	28.34	141.68	100 Nos	1574
3	02.10.03	to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during	1111	Nos	595.23	148.81	744.04	100 Nos	8266
	02.10.04	Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before August-end (before flowering) at any cost before inter-ploughing.	1	На	3311.47	0.00	3311.47	1 Ha.	3311
. 4	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahayeera uprootal is completed. Interploughing should not be used as a means of Mahaveera uprootal.	1	На	2253.79	0.00	2253.79	1 Ha.	· 2254
5	02.10.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during	1111	Nos	112.68	28.17	140.85	100 Nos	1565

		,								
		Broadcasting of Stylosanthes hamata								
		seeds in the inter-planting rows of the							- 1	
_		plantations raised under semi-						-		
1		l'							- 1	19
		mechanical plantations by ploughing								
	02.10.07	with a tractor-mounted cultivator after				100			1	
- 0	02.10.07	receipt of good rains in the month of							- 1	
14		June-July in place of existing provision							- 1	
		of inter-ploughing in the month of				100			- 1	
	8									
*		September given for the 1st and 2nd							- 1	
		year maintainance years of semi-							_	
		(a) Cost of S. hamata Seeds	5	Kgs		100.00	100.00	1 Kg	jm	500
		(b) Inter ploughing using tractors with	-							
		cultivator in 1st year maintenance and	1	Ha	1810.61	0.00	1810.61	1 Ha	a.	1811
		old plantations								
		(c) Broadcasting of S. hamata seeds								
		followed by by dragging / sweeping with								
		a bunch of thorny branches to ensure a	1	На	80.58	20.15	100.73	1 Ha	a.	101
		thin cover of soil over the broadcasted							- 1	
		Cost of Protection: One Watcher is								
=	1 1	allowed for 10-30 ha. plantation; one								
		나는 아이들 아이들 아이들이 아이는 아이들이 모든 사람이 되었다면 아이들이 하는 그 아이들이 아이들이 아이들이 아이들이 되었다. 아이들이 아이들이 아이들이 아이들이 아이들이 아이들이 아이들이 아이들								
		more Watcher for more than 30 ha; and							- 1	
		if the area is less than 10 ha, prior					N -		-	
		approval of Conservator of Forests is						E		
6	02.10.08	required. Identity Photo of Watchers	1	Nos	8340.00	0.00	8340.00	1 M	onth	3336
		shall be pasted in respective Plantation								
		Journal. Every month payment to be							- 1	
									- 1	
		made after satisfaction by Plantation-in-				2			- 1	
		charge that fence is in proper condition				=			- 1	
•		and entry of grazing animals is stopped.			<u> </u>	L				
				Total	unit rate	arrived f	or the yea	r 2018-	19::	28267.00
							Add 10%			2827.00
				Total	unit rate		or the yea			31094.00
							Add 10%			3109.00
		W		Total	unit rate	arrived f	or the yea	r 2020-	21::	34203.00
							Add 10%			3420.00
				Total	unit rate		or the yea			37623.00
	-		25				Add 10%			3762.00
		No. of the contract of the con		Total	unit rate		or the yea			41385.00
							Add 10%	escalat	ion::	4139.00
-				Total	unit rate	arrived f	or the yea	r 2024	-25::	45524.00
				T		-	Add 10%	escalat	ion::	4552.00
				Total	unit rate		or the yea			50076.00
				1	1		Add 10%			5008.00
-		· · · · · · · · · · · · · · · · · · ·		Total	unit rate	arrived f	or the yea			55084.00
1				IULAI	unit rate	ullived I	or the year	. 2020		22201.00

Brown

Forest Range Officer, Gangaram.

Unit Cost for 2nd year maintenance of NTFP Plantations Raised under Semi Mechanical Method as per FSR 2018-19

Method as per FSR 2018-19									
SI.						Rate in Re	S.		
No	FSR Code No.	Item of work	Qty		Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1.	2	3	4		5	6	7	8	9
1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	IIII N	os	595.23	148.81	744.04	100 Nos	8266
2	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug)	1	los	112.68	28.17	140.85	100 No	1565
3	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1 N	los	8340			1 Month	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,	1			3			740
			To	tal	unit rate	arrived f	or the yea	2018-19::	13907.00
								escalation::	1391.00
			То	tal	unit rate			r 2019-20::	15298.00
					***			escalation::	1530.00
			10	tai	unit rate			r 2020-21::	16828.00
		•	To	tal	unit rato			scalation:: r 2021-22::	1683.00
-			10	cai	unit rate			escalation::	18511.00 1851.00
			To	tal	unit rate			r 2022-23::	20362.00
	1 1		i				Add 10%	escalation::	2036.00
			To	tal	unit rate			r 2024-25::	22398.00
							Add 10%	escalation::	2240.00
			То	tal	unit rate			r 2025-26::	24638.00
'								escalation::	2464.00
	11		To	tal	unit rate			r 2026-27::	27102.00
								escalation::	2710.00
			То	tal	unit rate			r 2027-28::	29812.00
			1	to 1				scalation:: r 2028-29::	2981.00 32793.00
			10	tdi	unit rate	arriveu I	or the year	2020-2911	32/93.00

Forest Range Officer, Gangaram.

Unit Cost for 3rd year maintenance of NTFP Plantations Raised under Semi Mechanical Method as per FSR 2018-19

Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug) Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug) Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance Miscellangus contingeines like	d		Methoda	5 pc.			D-1 D-		T	
Item of work No. Record No.	-				L					
1 2 3 4 5 6 7 8 9	SI. No		Item of work	Qt	У		allowanc	Total	Per	Amount
1 2 2 3 4 5 6 7 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 2 1 2 1					\rightarrow			7	R	9
to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug) Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug) Cost of Protection: One Watcher is allowed for 10-30 ha. plantation, One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19: 13991.00 Total unit rate arrived for the year 2021-2: 16828.00 Add 10% escalation: 1830.00 Total unit rate arrived for the year 2022-23: 2036.00 Add 10% escalation: 22308.00 Total unit rate arrived for the year 2022-23: 2036.00 Add 10% escalation: 2398.00 Total unit rate arrived for the year 2022-23: 2036.00 Add 10% escalation: 2398.00 Total unit rate arrived for the year 2021-29: 16828.00 Add 10% escalation: 2398.00 Add 10% escalat	1	2	. 3	4	_	5	6		-	
Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug) Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19:: Add 10% escalation:: 1391.00 Total unit rate arrived for the year 2020-21:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Total unit rate arrived for the year 2022-23:: 2398.00	1	02.11.01	to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	Nos	595.23	148.81	744.04	100 Nos	8266
allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19:: 13907.00 Add 10% escalation:: 15298.00 Total unit rate arrived for the year 2020-12:: 15828.00 Total unit rate arrived for the year 2021-22:: 16828.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Total unit rate arrived for the year 2022-23:: 20362.00 Add 10% escalation:: 2036.00 Total unit rate arrived for the year 2022-25:: 22398.00 Total unit rate arrived for the year 2025-26:: 24638.00 Total unit rate arrived for the year 2025-27:: 27102.00 Total unit rate arrived for the year 2025-27:: 27102.00 Add 10% escalation:: 210.00 Add 10% escalation:: 2240.00 Total unit rate arrived for the year 2025-27:: 27102.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2025-27:: 27102.00 Add 10% escalation:: 2710.00	2	02.11.02	Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug)	1111	Nos	112.68	28.17	140.85	100 No	1565
Total unit rate arrived for the year 2018-19:: 13907.00 Add 10% escalation:: 1391.00 Total unit rate arrived for the year 2019-20:: 15298.00 Add 10% escalation:: 1530.00 Total unit rate arrived for the year 2020-21:: 16828.00 Add 10% escalation:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Total unit rate arrived for the year 2022-23:: 20362.00 Add 10% escalation:: 2036.00 Total unit rate arrived for the year 2024-25:: 22398.00 Total unit rate arrived for the year 2025-26:: 24638.00 Total unit rate arrived for the year 2026-27:: 27102.00 Total unit rate arrived for the year 2026-27:: 27102.00 Total unit rate arrived for the year 2026-27:: 27102.00 Total unit rate arrived for the year 2026-27:: 27102.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2028-29:: 32793.00 Total unit rate arrived for the year 2028-29:: 32793.00 Total unit rate arrived for the year 2028-29:: 32793.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 2981.00	3	02.11.05	allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80%		Nos	8340			1 Month	3336
Add 10% escalation:: 1391.00 Total unit rate arrived for the year 2019-20:: 15298.00 Add 10% escalation:: 1530.00 Total unit rate arrived for the year 2020-21:: 16828.00 Add 10% escalation:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Add 10% escalation:: 20362.00 Add 10% escalation:: 20362.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2710.00	4		implements, plantation board display		,.					740
Total unit rate arrived for the year 2019-20:: 15298.00 Add 10% escalation:: 1530.00 Total unit rate arrived for the year 2020-21:: 16828.00 Add 10% escalation:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 240.00 Total unit rate arrived for the year 2024-25:: 22398.00 Add 10% escalation:: 2463.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2027-28:: 27102.00 Add 10% escalation:: 29812.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 29812.00					Total	unit rat	e arrived	for the year	ar 2018-19::	13907.00
Add 10% escalation:: 1530.00 Total unit rate arrived for the year 2020-21:: 16828.00 Add 10% escalation:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Add 10% escalation:: 2981.00 Add 10% escalation:: 32793.00	\vdash							Add 10%	escalation::	1391.00
Total unit rate arrived for the year 2020-21:: 16828.00 Add 10% escalation:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Add 10% escalation:: 20362.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2240.00 Total unit rate arrived for the year 2024-25:: 22398.00 Add 10% escalation:: 24638.00 Total unit rate arrived for the year 2025-26:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2027-28:: 2981.20 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 2981.00 Add 10% escalation:: 2981.00 Add 10% escalation:: 32793.00	Ε.				Total	unit rat	e arrived	for the ye	ar 2019-20::	
Add 10% escalation:: 1683.00 Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Add 10% escalation:: 20362.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2240.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2028-29:: 32793.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 2981.00 Add 10% escalation:: 3279.00	\vdash							Add 10%	escalation	1530.00
Total unit rate arrived for the year 2021-22:: 18511.00 Add 10% escalation:: 1851.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2464.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00	\vdash				Total	unit rat	e arrived	for the ye	ar 2020-21::	
Add 10% escalation:: 1851.00 Total unit rate arrived for the year 2022-23:: 20362.00 Add 10% escalation:: 2036.00 Add 10% escalation:: 2249.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2464.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2028-29:: 32793.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 32793.00								Add 10%	escalation:	
Total unit rate arrived for the year 2022-23:: 20362.00 Add 10% escalation:: 2036.00 Total unit rate arrived for the year 2024-25:: 22398.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 2463.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Total unit rate arrived for the year 2027-28:: 27102.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Total unit rate arrived for the year 2028-29:: 32793.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 32793.00					Total	unit rat	e arrived	for the ye	ar 2021-22::	
Add 10% escalation:: 2036.00 Total unit rate arrived for the year 2024-25:: 22398.00 Add 10% escalation:: 2240.00 Add 10% escalation:: 24638.00 Add 10% escalation:: 2464.00 Add 10% escalation:: 27102.00 Add 10% escalation:: 27102.00 Add 10% escalation:: 27102.00 Add 10% escalation:: 29812.00 Add 10% escalation:: 29812.00 Add 10% escalation:: 29810.00 Add 10% escalation:: 32793.00										
Total unit rate arrived for the year 2024-25:: 22398.00 Add 10% escalation:: 2240.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 32793.00	\vdash				Total	unit rat	e arrived	for the ye	ar 2022-23::	
Add 10% escalation:: 2240.00 Total unit rate arrived for the year 2025-26:: 24638.00 Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Add 10% escalation:: 29812.00 Add 10% escalation:: 29812.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 32793.00	-					1 197		Add 10%	escalation::	
Total unit rate arrived for the year 2025-26:: 24638.00	H		•		Tota	unit rat	e arrived	for the ye	ar 2024-25::	
Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00	-							Add 10%	escalation:	
Add 10% escalation:: 2464.00 Total unit rate arrived for the year 2026-27:: 27102.00 Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00 Add 10% escalation:: 32793.00	-				Tota	unit rat	te arrived	for the ye	ar 2025-26:	
Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 3279.00		1			\top			Add 10%	escalation:	2464.00
Add 10% escalation:: 2710.00 Total unit rate arrived for the year 2027-28:: 29812.00 Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 3279.00					Tota	l uņit rat	te arrived	for the ye	ar 2026-27:	
Add 10% escalation:: 2981.00 Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 3279.00	-	1						Add 10%	escalation:	
Total unit rate arrived for the year 2028-29:: 32793.00 Add 10% escalation:: 3279.00					Tota	l unit rat	te arrived	for the ye	ar 2027-28:	
Add 10% escalation:: 3279.00	-		-					Add 10%	escalation:	: 2981.00
Add 10% escalation:: 3279.00		+			Tota	l unit ra	te arrived	for the ye	ar 2028-29:	32793.00
Total unit rate arrived for the year 2029-30: 36072.0	\vdash	+						Add 10%	escalation:	: 3279.00
	-	_			Tota	I unit ra	te arrived	for the ye	ar 2029-30;	36072.00

Forest Range Officer, Gangaram.

Unit Cost for 4th year maintenance of NTSH Plantations Raised under Semi Mechanical Method as per FSR 2018-19

-4		Method a	is he	131	1 2010				
Si.		. 7.4				Rate in R	S.		
No	FSR Code No.	Item of work	Qt	у	Asper FSR	Agency allowance	Total	Per	Amount
1	2	3	4		5	6	7	8	9
. 1		Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	Nos	595.23	148.81	744.04	100 Nos	8266
2	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug)	1111	Nos	112.68	28.17	140.85	100 No	1565
	02.11.05	made after satisfaction by Plantation-in- charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1	Nos	8340			1 Month	3336
4	,	Miscellanous contingeines like implements, plantation board display boards etc.,			= 1				740
				Total	unit rate	arrived f	or the yea	r 2018-19::	13907.00
							Add 10%	escalation::	1391.00
				Total	unit rate	arrived 1		r 2019-20::	15298.00
				1	1	T		escalation::	1530.00
			<u> </u>	Total	unit rate	arrived 1		r 2020-21::	16828.00
				T		T		escalation::	1683.00
				Total	unit rate	arrived t		r 2021-22::	18511.00
				l	I I	I		escalation::	1851.00
				Total	unit rate	arrived 1		r 2022-23::	20362.00
				T				escalation::	2036.00
				Total				r 2024-25::	22398.00
				T Can	T Tate	T T		escalation::	2240.00
				Total	unit rate	arrived		r 2025-26::	24638.00
				T T				escalation::	2464.00
-		1.	٠.	Total	unit rate	arrived		r 2026-27::	27102.00
				Julian	anne rate	- annived i		escalation::	2710.00
				Total	unit rate	arrived		r 2027-28::	29812.00
				T				escalation::	2981.00
				Total	unit rate	arrived		r 2028-29::	32793.00
								escalation::	3279.00
				Total	unit rate	arrived		r 2029-30::	36072.00
				1				escalation::	3607.00
				Total	unit rate	arrived t		r 2030-31::	39679.00
_						8.0			

Brander

Forest Range Officer, Gangaram. Forest Divisional Officer (FAC),

Guduru (W.L.M.).

Unit Cost for 5th year maintenance of NTFP Plantations Raised under Semi Mechanical Method as per FSR 2018-19

		Method a	is pe	FSF	2018-	19			
1					ACT	Rate in R	s.		
ol. No	FSR Code No.	Item of work	Qt	у	Asper FSR	Agency allowance 25%	Total	Per	Amount
1	2	3	4		5	6	7	8	9
1	02.11.01.	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	Nos	595.23	148.81	744.04	100 Nos	8266
2	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug)	1111	Nos	112.68	28.17	140.85	100 No	1565
	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be		Nos	8340			. 1 Month	3336
	02.11.03	made after satisfaction by Plantation-in- charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance		NOS		5		1 1101101	1333
4		Miscellanous contingeines like implements, plantation board display boards etc.,	1						740
_				Total	unit rate	arrived 1	for the yea	r 2018-19::	13907.00
				T			Add 10%	escalation::	1391.00
_				Total	unit rate	arrived	for the yea	r 2019-20::	15298.00
				T				escalation::	1530.00
				Total	unit rate	arrived	for the vea	r 2020-21::	16828.00
	+			T	T			escalation::	1683.00
-									1000.00
				Total	unit rate	arrived	for the yea		
				Total	unit rate	arrived		r 2021-22::	18511.00
							Add 10%	r 2021-22:: escalation::	18511.00 1851.00
						arrived	Add 10% for the yea	r 2021-22:: escalation:: r 2022-23::	18511.00 1851.00 20362.00
				Total	unit rate	arrived	Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation::	18511.00 1851.00 20362.00 2036.00
				Total	unit rate	arrived	Add 10% for the yea Add 10% for the yea	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25::	18511.00 1851.00 20362.00 2036.00 22398.00
				Total Total	unit rate unit rate	arrived	Add 10% for the yea Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00
				Total Total	unit rate unit rate	arrived	Add 10% for the yea Add 10% for the yea Add 10% for the yea	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00
				Total Total Total	unit rate unit rate unit rate	arrived	Add 10% for the yea Add 10% for the yea Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 2464.00
				Total Total Total	unit rate unit rate unit rate	arrived	Add 10% for the yea for the yea	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 2464.00 27102.00
				Total Total Total Total	unit rate unit rate unit rate unit rate unit rate	arrived arrived arrived arrived	Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 2464.00 27102.00
				Total Total Total Total	unit rate unit rate unit rate unit rate unit rate	arrived arrived arrived arrived	Add 10% for the yea	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00
				Total Total Total Total Total Total	unit rate unit rate unit rate unit rate unit rate unit rate	arrived arrived arrived arrived arrived arrived	Add 10% for the yea Add 10% Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 2981.00
				Total Total Total Total Total Total	unit rate unit rate unit rate unit rate unit rate unit rate	arrived arrived arrived arrived arrived arrived	Add 10% for the yea	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation:: r 2027-28::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 2981.00 32793.00
				Total Total Total Total Total Total Total Total	unit rate	arrived arrived arrived arrived arrived arrived arrived arrived	Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation:: r 2028-29:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 32793.00
				Total Total Total Total Total Total Total Total	unit rate	arrived arrived arrived arrived arrived arrived arrived arrived	Add 10% for the yea	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation:: r 2028-29:: escalation:: r 2028-29:: escalation:: r 2028-29::	18511.00 1851.00 20362.00 20362.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 32793.00 3279.00
				Total	unit rate	arrived	Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation:: r 2028-29:: escalation:: r 2029-30:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 32793.00 32793.00 36072.00
				Total	unit rate	arrived	Add 10% for the yea Add 10% for the year A	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation:: r 2028-29:: escalation:: r 2029-30:: escalation:: r 2029-30:: escalation:: r 2030-31::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 32793.00 3279.00 36072.00 39679.00
				Total	unit rate	arrived	Add 10% for the yea Add 10%	r 2021-22:: escalation:: r 2022-23:: escalation:: r 2024-25:: escalation:: r 2025-26:: escalation:: r 2026-27:: escalation:: r 2027-28:: escalation:: r 2028-29:: escalation:: r 2029-30:: escalation::	18511.00 1851.00 20362.00 2036.00 22398.00 2240.00 24638.00 27102.00 2710.00 29812.00 32793.00 36072.00 39679.00 3968.00

Forest Range Officer, Gangaram.

Unit Cost for 6th year maintenance of NTFP Plantations Raised under Semi Mechanical Method as per FSR 2018-19

-1		Method a	is pei	LOI	4 ZU19-				
SI. No	FSR Code No.	Item of work	Qt	У	Asper FSR	Rate in R Agency allowanc	Total	Per	Amount
						e 25%		8	9
1	2	3	4		5	6	7		9
1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	Nos	595.23	148.81	744.04	100 Nos	8266
2	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug)	1111	Nos	112.68	28.17	140.85	100 No	1565
3 .	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1	Nos	8340			1 Month	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,	1			70			740
			1	Total	unit rate	arrived	or the yea	r 2018-19::	13907.00
-							Add 10%	escalation::	1391.00
		14	1	Γotal	unit rate	arrived		r 2019-20::	15298.00
								escalation::	1530.00
		•	1	Fotal	unit rate	arrived		r 2020-21::	16828.00
								escalation::	1683.00
				otal	unit rate	arrived		r 2021-22:: escalation::	18511.00 1851.00
_				Fotal	unit rate	arrived	or the yea	r 2022-23::	20362.00
-				locai	T Tucc	- unived		escalation::	2036.00
			-	Total	unit rate	arrived		r 2024-25::	22398.00
							Add 10%	escalation::	2240.00
		· · · · · · · · · · · · · · · · · · ·		Γotal	unit rate	arrived	for the yea	r 2025-26::	24638.00
	1						Add 10%	escalation::	2464.00
				otal	unit rate	arrived		r 2026-27::	27102.00
		1	<u> </u>	Foto!	unit rate	arrived		escalation:: r 2027-28::	2710.00 29812.00
-			-	otal	unit rate	arrived	Add 10%	escalation::	2981.00
-	-			Total	unit rate	arrived		r 2028-29::	32793.00
-	1			- Otal	- Tate	- arrived		escalation::	3279.00
				Total	unit rate	arrived		r 2029-30::	36072.00
				1				escalation::	3607.00
	1 10 1			Total	unit rate	arrived	for the yea	r 2030-31::	39679.00
								escalation::	3968.00
		F 1		Total	unit rate	arrived		r 2031-32::	43647.00
								escalation::	4365.00
				otal	unit rate	arrived	or the yea	r 2032-33::	48012.00
		alon						00 \	/

Forest Range Officer, Gangaram.

Unit Cost for 7th year maintenance of NTFP Plantations Raised under Semi Mechanical Method as per FSR 2018-19

Simple S	1		Method a	is pe	1 1 31	12010	Rate in R			
No. No. Item of work	Śi.	FCD C-1-	5.0					S.	-	
1 2 Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	No · .	Company of the same and same	. Item of work	Qt	У		allowanc	Total	Per	Amount
to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug) Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug) Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation-charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance. Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19:: 1390 Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2020-21:: 1682 Total unit rate arrived for the year 2021-22:: 1681 Add 10% escalation:: 153: Total unit rate arrived for the year 2021-22:: 1681 Add 10% escalation:: 1682 Total unit rate arrived for the year 2021-22:: 1891 Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2022-23:: 2036. Total unit rate arrived for the year 2023-23:: 2036. Total unit rate arrived for the year 2023-23:: 2036. Total unit rate arrived for the year 2023-23:: 2036. Total unit rate arrived for the year 2023-23:: 2036. Total unit rate arrived for the year 2023-23:: 2036. Total unit rate arrived for the year 2023-33:: 3036. Total unit rate arrived for the year 2033-33:: 3036. Total unit rate arrived for the year 2033-33:: 3036. Total unit rate arrived	1	2	3	4		5		7	8	9
2 02.11.02 Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug) Cost of Protection: One Watcher is allowed for 10-30 ha, plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance with the plantation watcher is at least 80% survival during 1st year maintainance is implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19:: 1390: Add 10% escalation:: 1682: 1592:	1	02.11.01	to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	Nos	595.23	148.81	744.04	100 Nos	8266
allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19:: 1390:	2	02.11.02	Timber and NTFP species by scicature upto 1/3 rd height (to be carried out during July-Aug)	1111	Nos	112.68	28.17	140.85	100 No	1565
made after satisfaction by Plantation-incharge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance Miscellanous contingeines like implements, plantation board display boards etc., Total unit rate arrived for the year 2018-19:: 1390: 1529: 1			allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation				-	N 2) () () () () () () () () () (
Total unit rate arrived for the year 2018-19:: 1390: Add 10% escalation:: 153: Total unit rate arrived for the year 2019-20:: 1529: Add 10% escalation:: 153: Total unit rate arrived for the year 2020-21:: 1682: Add 10% escalation:: 168: Total unit rate arrived for the year 2021-22:: 1851: Add 10% escalation:: 185: Add 10% escalation:: 185: Total unit rate arrived for the year 2021-22:: 1851: Add 10% escalation:: 203: Add 10% escalation:: 203: Add 10% escalation:: 203: Add 10% escalation:: 203: Add 10% escalation:: 224: Total unit rate arrived for the year 2024-25:: 2239: Add 10% escalation:: 246: Add 10% escalation:: 246: Add 10% escalation:: 246: Add 10% escalation:: 271: Add 10% escalation:: 271: Total unit rate arrived for the year 2026-27:: 2710: Add 10% escalation:: 271: Add 10% escalation:: 298: Add 10% escalation:: 298: Add 10% escalation:: 298: Add 10% escalation:: 327: Total unit rate arrived for the year 2028-29:: 3279: Add 10% escalation:: 327: Add 10%	3	02.11.05	made after satisfaction by Plantation-in- charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80%		Nos	8340			1 Month	3336
Total unit rate arrived for the year 2018-19:: 1390: Add 10% escalation:: 139: Add 10% escalation:: 1529: Add 10% escalation:: 153: Add 10% escalation:: 153: Add 10% escalation:: 153: Add 10% escalation:: 168: Add 10% escalation:: 168: Add 10% escalation:: 168: Add 10% escalation:: 185: Add 10% escalation:: 2036: Add 10% escalation:: 2036: Add 10% escalation:: 2039: Add 10% escalation:: 224: Add 10% escalation:: 244: Add 10% escalation:: 246: Add 10% escalation:: 246: Add 10% escalation:: 246: Add 10% escalation:: 246: Add 10% escalation:: 271: Add 10% escalation:: 271: Add 10% escalation:: 271: Add 10% escalation:: 298: Add 10% escalation:: 298: Add 10% escalation:: 327: Add 10% escalation:: 327: Add 10% escalation:: 328: Add 10% escalation:: 337: Add 10% escalation:: 337: Add 10% escalation:: 338: Add 10% escalation:: 338: Add 10% escalation:: 338: Add 10% escalation:: 348: Add 10%: esc	4		implements, plantation board display	1	Ø.					740
Add 10% escalation:: 139: Total unit rate arrived for the year 2019-20:: 1529: Add 10% escalation:: 153: Total unit rate arrived for the year 2020-21:: 1682: Add 10% escalation:: 168:					Total	unit rate	arrived	for the vea	r 2018-19:	13907.00
Total unit rate arrived for the year 2019-20:: 1529i Add 10% escalation:: 153i Total unit rate arrived for the year 2020-21:: 1682i Add 10% escalation:: 168:: 1682i Add 10% escalation:: 168:: 1682i Add 10% escalation:: 185:: 1682i Add 10% escalation:: 185:: 1682i Add 10% escalation:: 185:: 1682i Add 10% escalation:: 203i Add 10% escalation:: 203i Add 10% escalation:: 203i Total unit rate arrived for the year 2022-23:: 2239i Add 10% escalation:: 224i Total unit rate arrived for the year 2025-26:: 2463i Add 10% escalation:: 246i Total unit rate arrived for the year 2026-27:: 2710i Add 10% escalation:: 271i Add 10% escalation:: 298i Total unit rate arrived for the year 2027-28:: 2981i Add 10% escalation:: 298i Total unit rate arrived for the year 2028-29:: 3279i Add 10% escalation:: 327i Add 10% escalation:: 327i Add 10% escalation:: 327i Total unit rate arrived for the year 2029-30:: 3607i Add 10% escalation:: 360i Total unit rate arrived for the year 2030-31:: 3967i Add 10% escalation:: 3360i Total unit rate arrived for the year 2031-32:: 4364i Add 10% escalation:: 3360i Total unit rate arrived for the year 2031-32:: 4364i					T			Add 10%	escalation:	1391.00
Total unit rate arrived for the year 2020-21:: 16828 Add 10% escalation:: 16838 Total unit rate arrived for the year 2021-22:: 1851.					Total	unit rate	arrived	for the yea	r 2019-20:	15298.00
Add 10% escalation:: 168: Total unit rate arrived for the year 2021-22:: 1851: Add 10% escalation:: 2036: Add 10% escalation:: 2036: Add 10% escalation:: 2037: Add 10% escalation:: 2038: Add 10% escalation:: 2039: Add 10% escalation:: 2249: Add 10% escalation:: 2469: Add 10% escalation:: 3269: Add 10% escalation:: 3669:			¥ .					Add 10%	escalation:	1530.00
Total unit rate arrived for the year 2021-22:: 1851: Add 10% escalation:: 185: 185: 185: 185: 185: 185: 185: 18		-			Total	unit rate	arrived			
Add 10% escalation:: 185: Total unit rate arrived for the year 2022-23:: 2036: Add 10% escalation:: 203: 2036: 203										
Total unit rate arrived for the year 2022-23:: 2036: Add 10% escalation:: 2031 Total unit rate arrived for the year 2024-25:: 22394 Add 10% escalation:: 2244 Total unit rate arrived for the year 2025-26:: 24634 Add 10% escalation:: 2464 Total unit rate arrived for the year 2026-27:: 2710 Add 10% escalation:: 2714 Total unit rate arrived for the year 2027-28:: 2981 Add 10% escalation:: 298 Total unit rate arrived for the year 2028-29:: 3279 Add 10% escalation:: 327 Total unit rate arrived for the year 2029-30:: 3607 Add 10% escalation:: 3607 Total unit rate arrived for the year 2030-31:: 3967 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 3967 Add 10% escal					Total	unit rate	arrived	for the yea	r 2021-22:	18511.00
Add 10% escalation:: 2036 Total unit rate arrived for the year 2024-25:: 22398 Add 10% escalation:: 2246 Total unit rate arrived for the year 2025-26:: 24638 Add 10% escalation:: 24668 Total unit rate arrived for the year 2026-27:: 27108 Add 10% escalation:: 27168 Total unit rate arrived for the year 2027-28:: 29818 Add 10% escalation:: 29818 Total unit rate arrived for the year 2028-29:: 32798 Total unit rate arrived for the year 2028-29:: 32798 Total unit rate arrived for the year 2029-30:: 36078 Total unit rate arrived for the year 2030-31:: 39678 Add 10% escalation:: 39678										
Total unit rate arrived for the year 2024-25:: 22398 Add 10% escalation:: 22498 Total unit rate arrived for the year 2025-26:: 246389 Add 10% escalation:: 246989 Total unit rate arrived for the year 2026-27:: 27109 Add 10% escalation:: 27199 Total unit rate arrived for the year 2027-28:: 29819 Add 10% escalation:: 29899 Total unit rate arrived for the year 2028-29:: 327999 Add 10% escalation:: 327999 Total unit rate arrived for the year 2029-30:: 3607999 Total unit rate arrived for the year 2030-31:: 396799999999999999999999999999999999999					Total	unit rate	arrived	for the yea	r 2022-23:	20362.00
Add 10% escalation:: 2246 Total unit rate arrived for the year 2025-26:: 24638 Add 10% escalation:: 24669 Total unit rate arrived for the year 2026-27:: 27109 Add 10% escalation:: 27169 Total unit rate arrived for the year 2027-28:: 298189 Add 10% escalation:: 29889 Total unit rate arrived for the year 2028-29:: 32799 Add 10% escalation:: 32799 Total unit rate arrived for the year 2029-30:: 36079 Add 10% escalation:: 36079 Add 10% escalation:: 39679 Add 10% escalation:: 396799 Add 10% escalation:: 396799 Add 10% escalation:: 3967999 Add 10% escalation:: 3967999 Add 10% escalation:: 39679999 Add 10% escalation:: 396799999999999999999999999999999999999		- 1		<u> </u>	<u> </u>	L				
Total unit rate arrived for the year 2025-26:: 2463 Add 10% escalation:: 24669 246300 24630 246300 246300 246300 246300 246300 246300 246300 246300 246300					lotai	unit rate	arrivea			
Add 10% escalation:: 24666 Total unit rate arrived for the year 2026-27:: 27107 Add 10% escalation:: 27166 Add 10% escalation:: 27167 Add 10% escalation:: 29817 Add 10% escalation:: 29817 Add 10% escalation:: 29817 Add 10% escalation:: 3279 Add 10% escalation:: 3279 Add 10% escalation:: 3279 Add 10% escalation:: 36077 Add 10% escalation::				<u> </u>						
Total unit rate arrived for the year 2026-27:: 2710:	_		, 54		lotai	unit rate	arrived			
Add 10% escalation:: 2716 Total unit rate arrived for the year 2027-28:: 29813 Add 10% escalation:: 29833 Total unit rate arrived for the year 2028-29:: 32793 Add 10% escalation:: 32733 Total unit rate arrived for the year 2029-30:: 36073 Add 10% escalation:: 36073 Total unit rate arrived for the year 2030-31:: 39673 Add 10% escalation:: 39673 Total unit rate arrived for the year 2031-32:: 43643 Add 10% escalation:: 43643	-				Total	unit rate	arrived			
Total unit rate arrived for the year 2027-28:: 2981 Add 10% escalation:: 298 Total unit rate arrived for the year 2028-29:: 3279 Add 10% escalation:: 327 Total unit rate arrived for the year 2029-30:: 3607 Add 10% escalation:: 3607 Total unit rate arrived for the year 2030-31:: 3967 Add 10% escalation:: 3967 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 4364	-				Total	Line rate	arrived			
Add 10% escalation:: 298 Total unit rate arrived for the year 2028-29:: 3279 Add 10% escalation:: 327 Total unit rate arrived for the year 2029-30:: 3607 Add 10% escalation:: 360 Total unit rate arrived for the year 2030-31:: 3967 Add 10% escalation:: 3968 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 4364	-	-			Total	unit rate	arrived			
Total unit rate arrived for the year 2028-29:: 3279:				1	- Otal	- Tate	annived !			
Add 10% escalation:: 327 Total unit rate arrived for the year 2029-30:: 3607 Add 10% escalation:: 3607 Total unit rate arrived for the year 2030-31:: 3967 Add 10% escalation:: 3967 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 4364					Total	unit rate	arrived			
Total unit rate arrived for the year 2029-30:: 3607 Add 10% escalation:: 360 Total unit rate arrived for the year 2030-31:: 3967 Add 10% escalation:: 3968 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 4364	-	-			T	- Tutt		Add 10%	escalation:	3279.00
Add 10% escalation:: 360 Total unit rate arrived for the year 2030-31:: 3967 Add 10% escalation:: 396 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 436					Total	unit rate	arrived	for the vea	r 2029-30:	: 36072.00
Total unit rate arrived for the year 2030-31:: 3967 Add 10% escalation:: 3968 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 436				1			T	Add 10%	escalation:	: 3607.00
Add 10% escalation:: 396 Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 436		—			Total	unit rate	arrived			
Total unit rate arrived for the year 2031-32:: 4364 Add 10% escalation:: 436			14 14 14 14 14 14 14 14 14 14 14 14 14 1		1					
Add 10% escalation:: 436					Total	unit rate	arrived			
					T					: 4365.00
Total unit rate affived for the year 2002 3511 4001					Total	unit rate	arrived	for the yea	r 2032-33:	

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Forest Range Officer, Gangaram.

ANNEXURE- 2 (B)

Unit Cost for Advance Operations under Semi Mechanical Method as per FSR 2018-19

Espacement 5 x 5 M

Name of the Species : Bamboo

		Espacement 5 x 5 M					ranic or th	оор		. Dailibuu
						Rate in Rs				
SI. No.	FSR Code No.	Item of work	Qty		Asper FSR	Agency allowanc e 25%	Total	Pe		Amount
1	2 .	3	4		5	6	7	8		9
	02.08.01	Survey with hand-held GPS (staff to carry out) and demarcation - one manday is allowed for assistance. The surveyed sketch with exact effective area statement will be uploaded in MIS platform by end of December.	1 N	lo.	339.66	0.00	339.66	1	No.	340
	02.08.02	Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, Somi, Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa, Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.); Spreading the cut material all over the site; and Burning the same twice till completely burnt. The unsuitable area shall be excuded from the clearing opearation and the expenditure shall be incurred for effective area only. All the above operations shall be completed						•		
a)	c ·	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	1 1	ła	5686.75	1421.69	7108.44	1	На	7108
	02.08.03	Uprootal of Stumps (excluding unsuitable patches) to a minimum depth of 45 cm with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal, and levelling. For retrived encroached area, the approval of Circle Head is required and the approval should indicate clearly the density of stumps or vegetation to be removed through uprootal. The uprootal work can be carried out preferably through tender process.						•1		
a)	c ·	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	1 1	На	12664.86	0	12664.86	1	На	12665
4	02.08.04	Collection and Removal of Uprooted Stumps of all sizes, other debris etc., to outside the	•							
a)	С	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	1 1	На	9916.46	2479.12	12395.58	. 1	На	12396

5	02.08.05	Tilling (PERMISSIBLE FOR CA AREA ONLY) the soil to a depth of 45 cm in the effective area (excluding unsuitable patches) with heavy duty machinery fitted with 0.90 cum and above capacity bucket and levelling - ONLY PERMISSIBLE FOR CA AREA and written approval of Circle Head is needed and required budgetary provision has to find place in annual approved plan) and VIP planting area (minimum area should be more than 1 ha area). The uprootal and tilling works shall be done preferably through tender process and the execution of work should be		•			•	
a)	c c	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	1 Ha	9380.64	0.00	9380.64	1 Ha	9381
			Total	unit rate a	rrived fo	r the year	2018-19::	41890.00
-					A	dd 10% es	scalation::	4189.00
			Total	unit rate a	rrived fo	r the year	2019-20::	46079.00
					A	dd 10% es	scalation::	4608.00
			Total	unit rate a	rrived fo	r the year	2020-21::	50687.00
					A	dd 10% e	scalation::	5069.00
			Total	unit rate a		r the year		
					A	dd 10% e	scalation::	5576.00
			Total	unit rate a	arrived fo	r the year	2022-23::	61332.00
	284_ 4				A	dd 10% e	scalation::	6133.00
			Total	unit rate a	arrived fo	r the year	2024-25::	67465.00
					-	dd 10% e	scalation::	6747.00
			Total	unit rate a	arrived fo	r the year	2025-26::	74212.00
-					-	dd 10% e	scalation::	7421.00
_			Total	unit rate	arrived fo	r the year	2026-27::	81633.00
-		1			1	\dd 10% e	scalation::	8163.00
_			Total	unit rate	arrived fo	or the year	2027-28::	89796.00

Forest Range Officer, Gangaram.

Unit Cost for Raising of Bamboo Plantations under Semi Mechanical Method as per FSR 2018-19

2		Espacement 5 x 5 M	2018	-19	N	lame of th	ne Species	: Bamboo	cum NTSH
•		Espacement o X o III				Rate in Rs			
SI. No.	FSR Code No.	Item of work	Qt	У	Asper FSR	Agency allowanc e 25%	Total	. Per	Amount
1	2	3	4		5	6	7	8	9
1	02.09.02	Deep Ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. FOR TILLED AREA ONLY							
	a	Ordinary soil	1	На	3305.06	0	3305.06	1 Ha.	3305
2	02.05.01	Removing congestion of root suckers and other uprooted material hindering the effective ploughing	1	На	985.70	246.43	1232.13	1 Ha.	1232
3	02.09.04	Allignment & Stacking including demarcation of base line					12		٠
a)	d	(d) 5X5 m espacement = 400 planting points	400	Nos	107.86	26.97	134.83	·100 Nos	539
4	02.09.05	Cost of preparation of stakes (0.45 m length) and transportation of site	400	Nos	51.65	0.00	51.65	100 Nos	207
5	02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil			=		28		
	b	45 cm3 pits	400	Nos	9.65	2.41	12.06	1 No	4824
=110-21		PLANTING OPERATIONS DURING RAISING YEAR			•				
6	02.09.07	(a) Transportation of Planting Stock (including loading and unloading) up to a distance of 5						-	
- 3	b	15 X 30 cm (6"X12") bag plants Internal transportation to planting	400	Nos	106.47	0	106.47	100 Nos	426
7	02.09.10	points on head loads		37					
	b	15 X 30 cm (6"X12") bag plants	400	Nos	83.27	20.82	104.09	100 Nos	416
	02.09.11	Fortification of seedling with insecticide and treating pits with SSP							
•		(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting	400	Nos	35.62	8.91	44.53	100 Nos	178
9	10	(b) Cost of SSP, Chloridine dust or Chloropyriphos	20	Kgs	8.00	0.00	8.00	1 Kg	160
10	02.00.15	Planting	400	Nos	396.80	99.20	496.00	100 Nos	1984
	02.09.13		400	1405	330.00	33.20	.55.00		
8.0	02.09.14	Watering (one time) immediately after planting if the planting takes place on a non-rainy day and if there is no rains after planting for 1-2 days with prior written permission of Circle Head and under intimation to Head Office. Also the date of watering is to be recorded in plantation Journal (Refer PCCF Office Rc. No. 17309/2000/G1, Dt. 16.08.2005 - Circular No. 6B/2005/G1)	400	Nos	240.24	60.06	300.30	100 Nos	1201

11	02.09.15	Replacement of Casualties: 20% during Raising Year. (In case of Eucalyptus: 10% during raising and no casualty replacement for further maintenance). The caualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.							
5	02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil							
•	b	45 cm3 pits	80	Nos	9.65	2.41	12.06	1 No	. 965
		PLANTING OPERATIONS DURING RAISING YEAR							
6	02.09.07	(a) Transportation of Planting Stock (including loading and unloading) up to a distance of 5							
7	b 02.09.10	15 X 30 cm (6"X12") bag plants Internal transportation to planting	80	Nos	106.47	0	106.47	100 Nos	85
	b	points on head loads 15 X 30 cm (6"X12") bag plants	80	Nos	83.27	20.82	104.09	100 Nos	83
		Fortification of seedling with insecticide and treating pits with	- 00	NOS		20.02	101.03	100 1103	03
٠		(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting	80	Nos	35.62	8.91	44.53	100 Nos	36
9		(b) Cost of SSP, Chloridine dust or Chloropyriphos	4	Kgs	8.00	0.00	8.00	1 Kg	32
10		Planting			205.00	22.22	406.00	100 N	207
.12	02.09.13	45 cm3 Fertilizer Application for boosting arowth	80	Nos	396.80	99.20	496.00	100 Nos	397
	02.09.16		10	Kgs	. 20.00	0.00	20.00	1 Kg	200
13	02.09.17	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. WEEDING & SOIL WORKING	400	Nos	35.62	8.91	44.53	100 Nos	178
14									
	02.09.18	Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	400	Nos	113.34	28.34	141.68	100 Nos	567
	02.09.19	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant. (during Nov - Dec.)	400	Nos	595.23	148.81	744.04	100 Nos	2976
15	02.09.20	Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavyduty Tractor of 55 HP and above with Firm Mould Board (FMB) plough			•		μ		
	a	Ordinary soil Pruningof lower branch initials of	1	На	2253.79	0	2253.79	1 Ha.	2254
	02.09.21	Timber and NTFP species by scicature upto 1/3 rd height (to be done during	400	Nos	112.68	28.17	140.85	100 Nos	563

·	02.09.22	Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing.	1 Ha	3311.47	827.87	4139.34	1 Ha.	. 4139
. 17	02.09.24	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and entry of grazing animals is stopped. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	1 Nos	. 8340	0	8340	1 Mont 1 h	2502
18		Miscellanous (Plantation Board and etc.,)				A/a		1002
			Total	unit rate	arrived fo	or the year	2018-19::	
						dd 10% e		3045.00
			Total	unit rate		r the year		
						dd 10% e		
			Total	unit rate	arrived for	or the year	2020-21::	
						Add 10% e		3685.00
NA 1			Total	unit rate		or the year		
100	4-	47				Add 10% e		4053.00
	74		Total	unit rate		or the year		
						Add 10% e		
		1 8	Total	unit rate	arrived fo	or the year	2024-25::	
					<i> </i>	Add 10% e	scalation::	4904.00
			Total	unit rate		or the year		
				1		Add 10% e		
	W		Total	unit rate		or the year		
						Add 10% e		
			Total	unit rate	arrived fo	or the year	2027-28::	65275.00

Forest Range Officer, Gangaram.

Unit Cost for 1st year maintenance of Bamboo Plantations Raised under Semi Mechanical

Method as per FSR 2018-19

7	Ι	Method a	J PCI	151	2010 1	Services Date See			
7 CI	ECD Codo					Rate in R	s.		
SI. No.	FSR Code No.	. Item of work	Q	ty	. Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	. 3		4	5	6	7	8	9
1	02.10.01	Replacement of Casualties: 25% in 1st year (In case of Eucalyptus: no casualty replacement). The list of all casualty points shall be prepared by concerned FRO by and made a report to DFO latest by end of May. The pitting of all such casualty points shall be over by end of June. The planting shall be completed by 15th of July. Digging of Pits in Ploughed Areas in		55					,
5	02.09.06	June - July by adopting 50% of original rate of digging of pits of ordinary soil							
	b	45 cm3 pits	100	Nos	9.65	2.41	12.06	1 No	1206
		PLANTING OPERATIONS DURING RAISING YEAR			•				-
6	02.09.07	(a) Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km							
	b	15 X 30 cm (6"X12") bag plants Internal transportation to planting	100	Nos	106.47	0	106.47	100 Nos	106
7	02.09.10	points on head loads							
•	b	15 X 30 cm (6"X12") bag plants	100	Nos	83.27	20.82	104.09	100 Nos	. 104
	02.09.11	Fortification of seedling with insecticide and treating pits with SSP							
		(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting	100	Nos	35.62	8.91	44.53	100 Nos	45
9		(b) Cost of SSP, Chloridine dust or Chloropyriphos	5	Kgs	8.00	0.00	8.00	1 Kg	40
10	02.00.12	Planting							
-	02.09.13	Circular weeding to a radius of 0.50	100	Nos	396.80	99.20	496.00	100 Nos	496
?	02.10.02	m around the plant during raising year	400	Nos	113.34	28.34	141.68	100 Nos	567
3	02.10.03	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.	400	Nos	595.23	148.81	744.04	100 Nos	2976
	02.10.04	Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before August-end (before flowering) at any cost before inter-ploughing.	1	На	3311.47	0.00	3311.47	1 Ha.	3311
4.		Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Interploughing should not be used as a means of Mahaveera uprootal.	1	На	2253.79	0.00	2253.79	1 Ha.	2254

6	02.10.08	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; one more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and entry of grazing animals is	1 Nos	8340.00	0.00	8340.00	· 1 Mont 1 h	. 3336
		and end y or grazing animals is	Total	unit rate a	rrived fo	r the year	2018-19**	14441.00
			Total	The rate of		dd 10% es		
			Total	unit rate a		r the year		
			T	I. I		dd 10% es		
			Total	unit rate a		r the year		
			T			dd 10% es		
			Total	unit rate a		r the year		19221.00
						dd 10% es		
			Total	unit rate a		r the year		21143.00
						dd 10% es		
-			Total	unit rate a	rrived fo	r the year	2024-25::	23257.00
						dd 10% es		2326.00
		<u> </u>	Total	unit rate a		r the year		25583.00
		A CONTRACTOR OF THE PARTY OF TH				dd 10% es		2558.00
			Total	unit rate a		r the year		28141.00
						dd 10% es		2814.00
			Total	unit rate a	rrived fo	r the year	2027-28::	30955.00

Brown

Forest Range Officer, Gangaram.

Unit Cost for 2nd year maintenance of Bamboo Plantations Raised under Semi Mechanical Method as per FSR 2018-19

6		Method a	Per	131	2010-1	Rate in Re	· · · · · · · · · · · · · · · · · · ·		
SI. No.	FSR Code No.	Item of work	Q	ty	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	3		4	5	6	7	8	9
1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.	400	Nos	595.23	148.81	744.04	100 Nos	2976
2	02.11.02	Pruningof lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out	400	Nos	112.68	28.17	140.85	·100 Nos	563
. 3	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1	Nos	8340			1 Mont 1 h	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,							731
			Т	otal u	nit rate a	arrived for	the year	2018-19::	7606.00
						A	dd 10% e	scalation::	761.00
-			T	otal u	nit rate a			2019-20::	8367.00
			-	١		A	dd 10% e	scalation::	837.00
_				otal u	nit rate a	arrived for	the year	2020-21::	9204.00
			-			A	10% es	scalation::	920.00
.		* 4	- '	otal u	mit rate a			2021-22::	10124.00
			т	otalu	nit rate a	arrived for	the week	scalation:: 2022-23::	1012.00
		*		Car u	tiit rate a			scalation::	11136.00
			т	otal	nit rate a	arrived for	the year	2024-25::	1114.00 12250.00
				T u	rate a			scalation::	
	= 2		т	otal	nit rate a	rrived for	the year	2025-26::	1225.00 13475.00
			-			Δ	ld 10% a	scalation::	1348.00
			Т	otal II	nit rate a	rrived for	the year	2026-27::	14823.00
12	77					Δ.	ld 10% as	scalation::	1482.00
			Т	otal u	nit rate a	rrived for	the year	2027-28::	16305.00
								scalation::	1631.00
			T	otal u	nit rate a	rrived for	the year	2028-29::	17936.00
	9	V. 129						scalation::	1794.00
			T	otal u	nit rate a	rrived for	the year	2029-30	19730.00
		00-					7-21	1	20,00,00

Forest Range Officer, Gangaram.

Unit Cost for 3rd year maintenance of Bamboo Plantations Raised under Semi Mechanical Method as per FSR 2018-19

-		Method as	s per ran	2018-1	.9			
5	CONTROL CONTROL CONTROL				Rate in R	s.		
SI. No.	FSR Code No.	Item of work	Qty	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	3	4	5	6	7	8	9
. 1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.		595.23	148.81	744.04	100 Nos	2976
2	02.11.02	Pruningof lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out	400 Nos	112.68	28.17	140.85	100 Nos	563
. 3	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-incharge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1 Nos	8340			. Mont 1 h	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,				=		731
			Total	unit rate	arrived fo	r the year	2018-19::	7606.00
							scalation::	761.00
			Total	unit rate	arrived fo	r the year	2019-20::	8367.00
							scalation::	837.00
			Total ı	unit rate	arrived fo	r the year	2020-21::	9204.00
					A	dd 10% e	scalation::	920.00
			Total ı	unit rate	arrived fo	r the year	2021-22::	10124.00
					A	dd 10% e	scalation::	1012.00
_			Total ı	unit rate a			2022-23::	11136.00
-		*			A	dd 10% e	scalation::	1114.00
-			Total u	unit rate a			2024-25::	12250.00
-	 				A	dd 10% e	scalation::	1225.00
			Total u	unit rate a			2025-26::	13475.00
			Tatal		A A	ad 10% e	scalation::	1348.00
			iotali	unit rate a			2026-27::	
			Tatal				scalation::	1482.00
			iotali	unit rate a			2027-28::	
			Tata!	mit vete	A A	ad 10% es	scalation::	1631.00
-			Iotal t	init rate a			2028-29::	17936.00
-			Total	mit water	A A	ua 10% es	scalation::	1794.00
-			i otal t	init rate a			2029-30::	
			Total :	mit ests	Arrived for	ud 10% es	scalation:: 2030-31::	1973.00
\rightarrow			Total t	anni rate à	iiived 10	the year	2030-31::	21703.00

Forest Range Officer, Gangaram.

Unit Cost for 4th year maintenance of Bamboo Plantations Raised under Semi Mechanical Method as per FSR 2018-19

1		- Hethod a	per ron	2010-1	The state of the s			
SI.	FSR Code	Item of work	Oby		Rate in R	S.		
No.	No.	2 ×	Qty	Asper FSR	Agency allowance	Total	Per	Amount
1	2	3	4	5	6	7	8	9
. 1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.	400 Nos	595.23	148.81	744.04	100 Nos	2976
2	02.11.02	Pruningof lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out	400 Nas	112.68	28.17	140.85	100 Nos	563
3	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance		. 8340			1 Mont h	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,						731
_			Total u	nit rate a	rrived for	the year	2010 10	7606.00
				T T	Ac	ld 10% es	calation.	7606.00
	. * 5	1 2 H	Total u	nit rate a	rrived for	the year	2010 20	761.00
_		•		T	Ac	ld 10% es	colotion	8367.00
			Total u	nit rate a	rrived for	the year	2020 21	837.00
_			T	T Tate a	Ad	ld 10% es	colotion	9204.00
_			Total u	nit rate a	rrived for	the year 2	2021-22	920.00
_				. 1	Ad	d 10% es	calationu	10124.00
_		•	Total u	nit rate a	rrived for	the year 2	2022-23	1012.00 11136.00
+	11 11				Ad	d 10% es	calation	
-			Total u	nit rate a	rrived for	the year 2	2024-25	1114.00 12250.00
-					Ad	d 10% es	calation	1225.00
-			Total u	nit rate a	rrived for	the year 2	2025-26**	13475.00
+		4			Ad	d 10% es	calation	1348.00
_			Total ur	nit rate a	rrived for	the year 2	2026-27:	14823.00
-					Ad	d 10% es	calation	
			Total ur	nit rate a	rrived for	the year 2	0027-28	1482.00
			TT		Δα.	d 10% es	calation	16305.00
			Total ur	it rate a	rrived for	the year 2	028-20	1631.00
			1 1		Ad.	d 10% es	020-29::	17936.00
			Total ur	it rate a	rrived for	the year 2	oan an	1794.00
			- Julian	I rate al	A d	d 100/	029-30::	19730.00
	2.0		Total	it rate as	rived for	d 10% esc	alation::	1973.00
			Total ul	iit rate ar	rived for	the year 2	030-31::	21703.00
			Total	it rate s	Add	d 10% esc the year 2	alation::	2170.00
			i otai ui	iii rate ar	rived for	tne vear 2	U31-32::	23873.00

Forest Range Officer

Forest Range Officer, Gangaram.

Unit Cost for 5th year maintenance of Bamboo Plantations Raised under Semi Mechanical Method as per FSR 2018-19

		Method a	s per FSR	2018-1	.9			
SI.	ECD Cod-				Rate in R	s.		
No.	FSR Code No.	Item of work	Qty	Asper FSR	Agency allowance 25%	Total	Per	Amount
1	2	3	4	5	6	7	8	9
. 1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.	400 Nos	595.23	148.81	744.04	100 Nos	2976
2	02.11.02	Pruningof lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out	400 Nos	112.68	28.17	140.85	100 Nos	563
	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1 Nos	8340			1 Mont 1 h	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,			£	18 18		731
			Total u	nit rate a	rrived for	the year	2018-19::	7606.00
					A	dd 10% es	scalation::	761.00
_			Total u	nit rate a			2019-20::	8367.00
						dd 10% es		837.00
			Total u	nit rate a			2020-21::	9204.00
-			Total		A	dd 10% es	calation::	920.00
			10tai u	nit rate a			2021-22::	10124.00
			Total u	nit rate a	rrived for	dd 10% es	2022-23::	1012.00
			Total d	int rate a	Δ	dd 10% ec	calation::	1114.00
			Total u	nit rate a	rrived for	the year	2024-25::	12250.00
					A	dd 10% es	calation::	1225.00
						. Ab	2025-26::	13475.00
-			Total u	nit rate a	rrived for	tne year	2023 20	
					A	dd 10% es	calation::	1348.00
					Actived for	dd 10% es the year	calation:: 2026-27::	14823.00
			Total u	nit rate a	Actived for Active Acti	dd 10% es the year dd 10% es	calation:: 2026-27:: calation::	14823.00 1482.00
			Total u	nit rate a	Actived for Actived for Actived for	dd 10% es the year dd 10% es the year	calation:: 2026-27:: calation:: 2027-28::	14823.00 1482.00 16305.00
			Total u Total u	nit rate a	Actived for Actived for Actived for Actived for Actived for Active Activ	dd 10% es the year dd 10% es the year dd 10% es	calation:: 2026-27:: calation:: 2027-28:: calation::	14823.00 1482.00 16305.00 1631.00
			Total u Total u	nit rate a	Actived for Actived for Actived for Actived for Actived for Active	the year dd 10% es the year dd 10% es dd 10% es the year dd 10% es the year	calation:: 2026-27:: calation:: 2027-28:: calation:: 2028-29::	14823.00 1482.00 16305.00 1631.00 17936.00
			Total u Total u Total u	nit rate a nit rate a nit rate a	Actived for Actived for Actived for Actived for Actived for Actived for Active	dd 10% es the year dd 10% es the year dd 10% es the year dd 10% es	calation:: 2026-27:: calation:: 2027-28:: calation:: 2028-29:: calation::	14823.00 1482.00 16305.00 1631.00 17936.00 1794.00
			Total u Total u Total u	nit rate a nit rate a nit rate a	Actived for Active	dd 10% es the year dd 10% es the year dd 10% es the year dd 10% es	calation:: 2026-27:: calation:: 2027-28:: calation:: 2028-29:: calation:: 2029-30::	14823.00 1482.00 16305.00 1631.00 17936.00 1794.00 19730.00
			Total u Total u Total u Total u Total u	nit rate a nit rate a nit rate a nit rate a	rrived for Actived for	dd 10% es the year dd 10% es the year dd 10% es the year dd 10% es the year	ccalation:: 2026-27:: ccalation:: 2027-28:: ccalation:: 2028-29:: calation:: 2029-30:: calation::	14823.00 1482.00 16305.00 1631.00 17936.00 1794.00 19730.00
			Total u Total u Total u Total u Total u Total u	nit rate a	rrived for Ac rrived for	dd 10% es the year	calation:: 2026-27:: calation:: 2027-28:: calation:: 2028-29:: calation:: 2029-30:: calation:: 2030-31:: calation::	1482.00 16305.00 1631.00 17936.00 1794.00 19730.00 1973.00 21703.00
			Total u Total u Total u Total u Total u Total u	nit rate a	rrived for Ac rrived for	dd 10% es the year	calation:: 2026-27:: calation:: 2027-28:: calation:: 2028-29:: calation:: 2029-30:: calation:: 2030-31:: calation::	14823.00 1482.00 16305.00 17936.00 1794.00 19730.00 1973.00 21703.00 2170.00
			Total u Total u Total u Total u Total u Total u Total u	nit rate a	rrived for Ac rrived for	dd 10% es the year	calation:: 2026-27:: calation:: 2027-28:: calation:: 2028-29:: calation:: 2029-30:: calation:: 2030-31:: calation:: 2031-32::	14823.00 1482.00 16305.00 1631.00 17936.00 1794.00 19730.00 1973.00 21703.00

Forest Range Officer, Gangaram.

Unit Cost for 6th year maintenance of Bamboo Plantations Raised under Semi Mechanical Method as per FSR 2018-19

1		Method as			Rate in Rs	S.		
SI. No.	FSR Code No.	Item of work	Qty	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	3	4	5	6	7	8	9
. 1	02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.	400 Nos	595.23	148.81	744.04	100 Nos	· 2976
2	02.11.02	Pruningof lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out		112.68	28.17	140.85	100 Nos	563
	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	1 Nos	8340			1 Mont 1 h	3336
4		Miscellanous contingeines like implements, plantation board display boards etc.,						731
	•	F	Total	unit rate	arrived fo	r the year	2018-19::	7606.00
	100	•			A	dd 10% e	scalation::	761.00
		V W III II	Total	unit rate			2019-20::	8367.00
							scalation::	837.00
•			Total	unit rate			2020-21::	9204.00
7	15			1			scalation::	920.00
			Total	unit rate			2021-22::	10124.00
				<u> </u>			scalation::	1012.00
			Iotai	unit rate			scalation::	11136.00 1114.00
-			Total	unit rate			2024-25::	
			Total	unit rate			scalation::	1225.00
			Total	unit rate			2025-26::	
-			Total	T			scalation::	
		72 7 2 2	Total	unit rate			2026-27::	
					A	dd 10% e	scalation::	1482.00
			Total	unit rate	arrived fo	r the year	2027-28::	16305.00
							scalation::	1631.00
		t n	Total	unit rate			2028-29::	
	200120						scalation::	1794.00
	Variation of the last of the l		Total	unit rate	arrived for	r the year	2029-30::	
				1			scalation::	1973.00
533		1	Total	unit rate			2030-31::	
			 _				scalation::	
			Total	unit rate			2031-32::	23873.00 2387.00
			Tate!	unit rate			scalation:: 2032-33::	
_			Iotal	unit rate			scalation::	
-			Total	unit rata			2033-34::	
	•		Total	unit rate	arrived it	, the year	2000 0411	20000100

Forest Range Officer, Gangaram.

Unit Cost for 7th year maintenance of Bamboo Plantations Raised under Semi Mechanical Method as per FSR 2018-19

1					1252			
					Rate in Rs	S.		
SI. No.	FSR Code No.	Item of work	Qty	Asper FSR	Agency allowanc e 25%	Total	Per	Amount
1	2	3	4	5	6	7	8	9
. 1		Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant.	0 Nos	.595.23	148.81	744.04	100 Nos	0
2	02.11.02	Pruningof lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be carried out	400 Nos	112.68	28.17	140.85	100 Nos	563
	02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers shall be pasted in respective Plantation Journal. Every month payment to be		8340		÷	Mont	3336
		made after satisfaction by Plantation-in- charge that fence is in proper condition and incidence of grazing and fire is absent. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival during 1st year maintainance	2				u u	
4		Miscellanous · contingeines like implements, plantation board display boards etc.,					-	731
			Total	unit rate	arrived fo	r the year	2018-19::	4630.00
				L			scalation::	463.00
_			Total	unit rate			2019-20::	5093.00
							scalation:: 2020-21::	509.00 5602.00
					arrived to	r the year		
			Total	unit rate		44 100/	acalation!!	
					A	dd 10% e		560.00
					A arrived fo	r the year	2021-22::	6162.00
			Total	unit rate	arrived fo	r the year dd 10% e	2021-22:: scalation::	6162.00 616.00
			Total	unit rate	arrived fo A Arrived fo	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23::	6162.00 616.00 6778.00
			Total (unit rate	arrived fo A arrived fo A A A A A A	r the year dd 10% e r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation::	6162.00 616.00 6778.00 678.00
			Total (unit rate	A arrived fo A arrived fo A arrived fo A arrived fo	r the year dd 10% e r the year dd 10% e r the year	2021-22:: scalation:: 2022-23::	6162.00 616.00 6778.00
			Total	unit rate	A arrived fo A arrived fo A arrived fo A arrived fo	r the year dd 10% e r the year dd 10% e r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25::	6162.00 616.00 6778.00 678.00 7456.00
			Total	unit rate	A arrived fo A	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation::	6162.00 616.00 6778.00 678.00 7456.00 746.00
	•		Total	unit rate	A arrived fo	r the year dd 10% e r the year the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27::	6162.00 616.00 6778.00 678.00 7456.00 746.00 8202.00
			Total	unit rate unit rate unit rate unit rate unit rate	A arrived fo A	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation::	6162.00 616.00 6778.00 678.00 7456.00 746.00 8202.00 820.00 9022.00
			Total	unit rate unit rate unit rate unit rate unit rate	A arrived fo	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28::	6162.00 616.00 6778.00 678.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00
			Total	unit rate unit rate unit rate unit rate unit rate unit rate	A arrived fo A	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation::	6162.00 616.00 6778.00 678.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 992.00
			Total	unit rate unit rate unit rate unit rate unit rate unit rate	A arrived fo	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2027-28::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 992.00 10916.00
			Total Total Total Total Total Total	unit rate	A arrived fo A	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00
			Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2028-29:: scalation:: 2029-30::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 1092.00
			Total Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2029-30:: scalation::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 1092.00 12008.00
			Total Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2029-30:: scalation:: 2030-31::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 1092.00 12008.00 13209.00
			Total Total Total Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2029-30:: scalation:: 2030-31:: scalation::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 12008.00 1201.00 1321.00
			Total Total Total Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2029-30:: scalation:: 2030-31:: scalation:: 2031-32::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 12008.00 1201.00 1321.00
			Total Total Total Total Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2029-30:: scalation:: 2030-31:: scalation:: 2031-32:: scalation::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 12008.00 1201.00 13209.00 14530.00
			Total Total Total Total Total Total Total Total Total Total	unit rate	A arrived fo	r the year dd 10% e r the year	2021-22:: scalation:: 2022-23:: scalation:: 2024-25:: scalation:: 2025-26:: scalation:: 2026-27:: scalation:: 2027-28:: scalation:: 2028-29:: scalation:: 2029-30:: scalation:: 2030-31:: scalation:: 2031-32::	6162.00 616.00 6778.00 7456.00 746.00 8202.00 9022.00 9022.00 9924.00 9924.00 10916.00 12008.00 1201.00 1321.00

Shorale

Forest Range Officer, Gangaram.

Unit Cost for Raising of Bund Plantation (1.00km) around Raising of Misc., Plantation Planting with 2 m apart in (5) rows

- 1) Bamboo (2 rows) = 1000 Nos per KM 2) Kanuga (1 row) = 500 Nos per KM 3) Teak stumps (1 row) = 500 Nos per KM 4) Babul Seed (1 row) = 500 Nos per KM

SI. No.	FSR Code							
No.		9	grand G		Rate in I			
-		Item of work	Qty	Asper FSR	allowani	Total	Per	Amount
1	2	Display 5 Dis	4	5	e 25%	7	. 8	9
1		Digging of Pits in Plougher Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil	,					
	02.09.06	45 cm3 pits		+	-			
a)		Bamboo (2 Rows)	1000 Nos	4.00	1.01			
b)		Kanuga (1 Row)	500 Nos		1.21	6.03	1 No	603
2		Transportation of Planting Stock (including loading and unloading) 25 KMs		4.83	1.21	6.03	1 No	301
		From nursery to plantation site - upto 5 Km lead						+
	02.09.07	15 X 30 cm (6"X12") bag plants		-				
a)		Bamboo (2 Rows)	1000 Nos	106 47	0.00			
b)		Kanuga (1 Row)	500 Nos			106.47		1065
3		For every extra km beyond 5 km upto 25 km	300 1405	106.47	0.00	106.47	100 Nos	532
-	02.09.08	15 X 30 cm (6"X12") bag plants						
a)		Bamboo (2 Rows)	1000 Nos	74.40	0.00	74.40	100 11	
b)		Kanuga (1 Row)	500 Nos	74.40		74.40	100 Nos	744
4		Internal transportation to	300 1103	74.40	0.00	74.40	100 Nos	372
		planting points on head loads	100	81				
_	02.09.10	15 X 30 cm (6"X12") bag plants						
a)		Bamboo (2 Rows)	1000 Nos	02.27	20.02	101.00		
b)		Kanuga (1 Row)	500 Nos	83.27 83.27	20.82	104.09	100 Nos	1041
5		Planting	300 1103	03.27	20.82	104.09	100 Nos	520
	02.09.13	45 cm3						
a)		Bamboo (2 Rows)	1000 Nos	396.80	00.20	105.00		
b)		Kanuga (1 Row)	500 Nos		99.20	496.00	100 Nos	4960
		Digging crow-bar holes of 23 cm	300 NOS	396.80	99.20	496.00	100 Nos	2480
		(9") deep and Planting stumps in crow-bar holes upto collar level and closing and compacting so that it cannot be pulled up easily duly					31 31 31	
6	02.05.06	keeping the 2 cm of root-shoot stump above the ground. Entire stump planting should be over by end of June to facilitate good				20 × X		iles
		sprouting taking advantage of						
1		humidity.		. 1				
1)		Teak Stumps (1 Row)	1000 Nos	52.36	11.99	59.94	100 N	
)		Babul Seed (1 Row)	500 Nos	52.36	11.99	59.94	100 Nos 100 Nos	599
-			Total u	init rate	arrived fo	or the ver	r 2018-19::	300
+					1/	100/-	occoleties.	
			Total	nit rate a	arrived for	r the yea	r 2019-20::	2166.00 23826.34
					1.0	dd 100/-		
+			l otal u	nit rate a	arrived fo	r the yea	r 2020-21::	26209.34
		a second					escalation:: r 2021-22::	

Forest Range Officer, Gangaram.