ABSTRACT FOR RAISING OF NURSERY AND PLANTATION IN C.A. (DEGRADED FOREST AREA) IN NIZAMABAD FOREST DIVISION OF NIZAMABAD DISTRICT

SI. No.	Name of the Component	2017-18	2018-19	A COLUMN TO STATE	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Total	Remark
1	2	3	4	5	6	7	8	9	10			
1	Raising of Nursery								10	11	12	13
	a) Raising of 6" x 12" Bag Plants	369536	0	0	0	0	0	0	0	0	369536	
	b) Maintenance of 6" x 12 " bag Nursery	0	201296	0	0	0	0	0	0	0	201296	
2				Raising	of 15 H	a AR-SM	/M Plan	tation				
	a) Advance works of 15 Ha AR-SMM	828871	0	0	0	0	0	0	0	0	828871	
	b) Raising of 15 Ha AR-SMM	0	978849	0	0	0	0	0	0	0	978849	
	c) 1st Year Maintenance of 15 Ha AR-SMM	0	0	644336		0	0	0	0	0	644336	
	d) 2nd Year Maintenance of 15 Ha AR-SMM	0	0	0	368150	0	0	0	0	0	368150	
	e) 3rd Year Maintenance of 15 Ha AR-SMM	0	0	0	0	423391	0	0	0	0	423391	
	f) 4th Year Maintenance of 15 Ha AR-SMM	0	0	0	0	0	486900	0	0	0	486900	
	g) 5th Year Maintenance of 15 Ha AR-SMM	0	0	0	0	0	0	370318	0	0	370318	
	h) 6th Year Maintenance of 15 Ha AR-SMM	0	0	0	0	0	0	0	27531		27531	
	i) 7th Year Maintenance of 15 Ha AR-SMM	0	0	0	0	0	0	0	0	31661	31661	
									Sub to	otal	4730839	
			Rai	ising of	4 Ha Ha	rhal Gar	den (AE	emm v			Charles Co.	
	Advance works of 4 Ha Herbal Garden	0	321032	0	0	0	o O	0	0	0	321032	
	Raising of 4 Ha Herbal Garden	0	0	258450	0	0	0	0	0	0	258450	
	1st Year Maintenance of 4 Ha Herbal Garden	0	0	0	245450	0	0	0	0	0	245450	

SI. No.	Name of the Component	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Total	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
	2nd Year Maintenance of 4 Ha Herbal Garden	0	0	0	0	255840	0	0	0	0	255840	
	3rd Year Maintenance of 4 Ha Herbal Garden	0	0	0	0	0	255400	0	0	0	255400	
	4th Year Maintenance of 4 Ha Herbal Garden	0	0	0	0	0	0	257820	0	0	257820	
	5th Year Maintenance of 4 Ha Herbal Garden	0	0	0	0	0	0	0	225480	0	225480	
	6th Year Maintenance of 4 Ha Herbal Garden	0	0	0	0	0	0	0	0	205528	205528	
									Sub	total	2025000	
			Raisii	ng of 5 I	la Medi	cinal PI	antation	(AR-SI	/M)			
4	Advance works of 5 Ha Medicinal Plantation	0	333602	0	0	0	0	0	0	0	333602	
	Raising of 5 Ha Medicinal Plantation	0	0	215007	0	0	0	0	0	0	215007	
	1st Year Maintenance of 5 Ha Medicinal Plantation	0	0	0	117189	0	0	0	0	0	117189	
	2nd Year Maintenance of 5 Ha Medicinal Plantation	0	0	0	0	116219	0	0	0	0	116219	
	3rd Year Maintenance of 5 Ha Medicinal Plantation	0	0	0	0	0	117907	0	0	0	117907	
	4th Year Maintenance of 5 Ha Medicinal Plantation	0	0	0	0	0	0	132774	0	0	132774	
	5th Year Maintenance of 5 Ha Medicinal Plantation	0	0	0	0	0	0	0	103062	0	103062	
	6th Year Maintenance of 5 Ha Medicinal Plantation	0	0	0	0	0	0	0	0	19240	19240	
		WE STANKE THE			and the auto		nere en		Sub t	otal	1155000	
			D	evelopn	nent of	3 Ha Bu	tterfly G	arden				
	Advance works of 3 Ha Butterfly Garden	0	0	218650	0	0	0	0	0	0	218650	
	Raising of 3 Ha Butterfly Garden	0	0	0	195650	0	0	0	0	0	195650	
	1st Year Maintenance of 3 Ha Butterfly Garden	0	0	0	0	185840	0	0	0	0	185840	

SI. No.	Name of the Component	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Total	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
	2nd Year Maintenance of 3 Ha Butterfly Garden	0	0	0	0	0	178610	0	0	0	178610	
	3rd Year Maintenance of 3 Ha Butterfly Garden	0	0	0	0	0	0	169820	0	0	169820	
	4th Year Maintenance of 3 Ha Butterfly Garden	0	0	0	0	0	0	0	155880	0	155880	
	5th Year Maintenance of 3 Ha Butterfly Garden	0	0	0	0	0	0	0	0	145550	145550	
			MATERIAL STATES						Sub	total	1250000	
			Develo	pment o	f 3 Ha A	rboretu	ım (AR-S	SMM)				
6	Advance works of 3 Ha Arboretum	0	0	208650	0	0	0	0	0	0	208650	
	Raising of 3 Ha Arboretum	0	0	0	157650	0	0	0	0	0	157650	
	1st Year Maintenance of 3 Ha Arboretum	0	0	0	0	145840	0	0	0	0	145840	
	2nd Year Maintenance of 3 Ha Arboretum	0	0	0	0	0	138610	0	0	0	138610	
	3rd Year Maintenance of 3 Ha Arboretum	0	0	0	0	0	0	126820	0	0	126820	
	4th Year Maintenance of 3 Ha Arboretum	0	0	0	0	0	0	0	115880	0	115880	
	5th Year Maintenance of 3 Ha Arboretum	0	0	0	0	0	.0	0	0	106550	106550	
									Sub	total	1000000	
	SMC Works (Water											
	Harvesting Structures)		KI MALENIA						702			
	a) Construction of Medium / Mini Percolation tanks & Check Dams	0	1190250	0	0	0	0	0	0	0	1190250	
	b).Construction of Rock Fill Dams with RR Stone & Construction of Staggered trenches	0	0	684600	0	0	0	0	0	0	684600	

SI. No.	Name of the Component	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Total	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
100			En Reportus					A THE STATE OF	Sub	total	1874850	Charles and Company
	Construction of Boundary Pillars (100 Nos @ 0.10 each pillar)	0	0	500000	500000	0	0	0	0	0	1000000	
9	Development and improvement of Nursery infrastructure	800000	700000	0	0	0	0	0	0	0	1500000	
	Sub Total	1998407	3725029	2729693	1584089	1127130	1177427	1057552	627833	508529	14535689	
10	Administrative cost 5 %	99920	186251	136485	79204	56357	58871	52878	31392	25426	795984	
	Total:	2098327	3911280	2866178	1663293	1183487	1236298	1110430	659225	533955	15331673	SECTION .

Forest Divisional Officer, Nizamabad.

District Forest Officer, Nizamabad.

Chief Conservator of Forests, Nizamabad Circle, Nizamabad.

ABSTRACT FOR RAISING OF NURSERY AND PLANTATION IN C.A.(DEGRADED FOREST AREA) IN NIZAMABAD FOREST DIVISION OF NIZAMABAD DISTRICT

Name of the Component		201	7-18		2018	8-19		2019-	20		2020-	-21		2021	-22		2022	1-23		2023-	24		2024-2	5		2025-	26	Total	Rema
Name of the Component	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount		
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Raising of Nursery					Same Oli	Market State				0.00			BIAS																
a) Raising of 6" x 12" Bag Plants (59 Beds)	59	6263	369517			0			0			0			0			0			0			0			0	369517	Assi
b) Maintenance of 6" x 12 " bag Nursery				59	3412	201308			0			0			0			0			0			0			0	201308	
												Raising	of 1	15 Ha	AR-SMM	Pla	antatio	on											
a) Advance works of 15 Ha AR-SMM	15	55258	828870			0			0			0			0			0			0			0			0	828870	
) Raising of 15 Ha AR- SMM			0	15	65256.6	978849			0			0			0			0			0			0			0	978849	
c) 1st Year Maintenance of 15 Ha AR-SMM			0			0	15	42956	644340						0			0			0			0			0	644340	
d) 2nd Year Maintenance of 15 Ha AR-SMM			0			0			0	15	24543.3	368150			0			0			0			0			0	368150	
e) 3rd Year Maintenance of 15 Ha AR-SMM			0			0			0			0	15	28226	423390			0			0			0			0	423390	
) 4th Year Maintenance of 15 Ha AR-SMM			0			0			0			0			0	15	32460	486900			0			0			0	486900	
g) 5th Year Maintenance of 15 Ha AR-SMM			0			0			0			0			. 0			0	15	24687.8	370317			0			0	370317	
h) 6th Year Maintenance of 15 Ha AR-SMM			0			0			0			0			0			0			0	15	1835.4	27531				27531	
) 7th Year Maintenance of 15 Ha AR-SMM			0			0			0			0			0			0			0			0	15	2111	31665	31665	
	DAY.			3/ SI		Marketon Pro-						Daio		-6 4 LI	a Herbal	Co	rdon									Sub	total:	4730837	
Advance works of 4 Ha												Rais	Ing	OI 4 II	а пеграі	Ga	ruen					П						321032	
Herbal Garden Raising of 4 Ha Herbal	(G)			4	80258	321032	4	04040.5	050450																			258450	
Sarden St Year Maintenance of 4							4	64612.5	258450		04000.5	045450				10011												245450	
la Herbal Garden nd Year Maintenance of 4										4	61362.5	245450		ALC: N				100				263							
la Herbal Garden													4	63960	255840													255840	
rd Year Maintenance of 4 la Herbal Garden																4	63850	255400										255400	
th Year Maintenance of 4 la Herbal Garden																			4	64455	257820							257820	
th Year Maintenance of 4 a Herbal Garden																						4	56370	225480				225480	
th Year Maintenance of 4 la Herbal Garden																									4	51382	205528	205528	
	1 48			A		01014-007			or save of the				VIEW.			4								W. Carlotte		Sub	-Total	2025000	
dvance works of 5 Ha											Rai	ising of	5 H	a Medi	cinal Pla	anta	ation				ESTABLES OF	11						22200	
Medicinal Plantation taising of 5 Ha Medicinal			1110	5	66720.4	333602			Zari, Ale																			333602	
lantation							5	43001.4	215007																			215007	
st Year Maintenance of 5 a Medicinal Plantation										5	23563.8	117819																117819	
nd Year Maintenance of 5 a Medicinal Plantation								AVS C					5	23243.8	115589						7.94							115589	
rd Year Maintenance of 5 a Medicinal Plantation														4		5	23581	117907										117907	
h Year Maintenance of 5 a Medicinal Plantation																			5	26554.8	132774			No.				132774	
h Year Maintenance of 5 a Medicinal Plantation																						5	20612.4	103062				103062	
h Year Maintenance of 5 a Medicinal Plantation				100						No. 13		BEETER													5	3848	19240	19240	
				- Contract				ALCOHOLD BY				THE RESIDENCE OF THE PARTY.	1		AND DESCRIPTION OF THE PARTY OF		The second second					-	A STATE OF THE STA	CHANGE OF THE PARTY OF THE PART	10.101	C	-Total	1155000	(100 MA)

I. Name of the Component		201	7-18		201	8-19		2019	-20		2020	0-21		202	1-22		202	2-23		2023	3-24		2024	-25		2025	-26	Total	Remark
2	Qty 3	Rate 4	Amount	Qty 6	Rate 7	Amount 8	Qty		Amount		Control of the last	Amount	Qty	100	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount		
	131	4	•	10			9	10	11	12	A SECURITION OF SECURITION	14	15		17	18		20	21	22	23	24	25	26	27	28	29	30	31
											Dev	elopme	nt o	f 3 Ha	Butterfly	y Ga	arden												
Advance works of 3 Ha Butterfly Garden							3	72883	218649					-							1000							218649	
Raising of 3 Ha Butterfly Garden										3	65217	195651																195651	
1st Year Maintenance of 3 Ha Butterfly Garden													3	61946.7	185839.98													185840	
2nd Year Maintenance of 3 Ha Butterfly Garden																3	59537	178609.98											
3rd Year Maintenance of 3 Ha Butterfly Garden	F				1													77 0000.00	3	56607	169820							178610	
4th Year Maintenance of Ha Butterfly Garden																				30007	109020	3	51960	455000				169820	
5th Year Maintenance of Ha Butterfly Garden																						3	51960	155880				155880	
Tia butterny Garden																									3		145550	145550	
)evelonr	nen	t of 3	Ha Arboi		-									Sub	-Total	1250000	
Advance works of 3 Ha							3	69550	208650			Pevelopi		. 01 3	Ia Alboi	etu						П							
Raising of 3 Ha Arboretum										3	52550	157650																208650	
1st Year Maintenance of 3											32330	137030																157650	
Ha Arboretum 2nd Year Maintenance of 3	200												3	48613.3	145839.99													145840	
Ha Arboretum 3rd Year Maintenance of 3						Control of the contro										3	46203	138609.99										138610	
Ha Arboretum 4th Year Maintenance of 3														355					3	42273	126819							126819	
Ha Arboretum 5th Year Maintenance of 3																						3	38627	115881				115881	
Ha Arboretum SMC Works (Water																									3	35517	106550	106550	
Harvesting Structures)																										Sub -	Total	1000000	
a) Construction of Medium / Mini Percolation tanks & Check Dams			0	3	396750	1190250			0			0			0			0			0			0			0	1190250	
b).Construction of Rockfill Dams with RR stone & Construction of Staggered trenches			0			0	700	978	684600			0			0			0			0			0			0	684600	
Construction of Boundary Pillars (100 Nos @0.10 each pillar)			0			0	50	10000	500000	50	10000	500000						0			0			0			0	1000000	
Development and improvement of Nursery infrastructure	1	Ls	800000			700000			0			0			0			0			0			0			0	1500000	
Sub Total			1998387			3725041			2729696			1584720			1126498.97		1	177426.97			1057550			627834			508533	14535687	
Administrative cost 5 %	150		99919			186252			136485			79236			56325			58871			52878			31392			25427		
Total:	1000		2098306	1000	THE PROPERTY OF THE PARTY OF TH	3911293	10 10 0 VE	MI SOFTHIES	2866181	B-2-11/2	CONTRACTOR OF STREET	1663956	Control of	A STATE OF THE PARTY OF	1182824		-	A STATE OF THE PARTY OF THE PAR	and the same	THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PARTY OF THE	25591	CONTRACTOR OF THE PARTY OF THE	0.002	Ralle	SECTION AND DESCRIPTION OF THE PERSON OF THE	23421	795984	-1920 NOTED

Forest Divisional Officer, Nizamabad.

Chief Conservator of Forests, Nizarnabad Circle, Nizarnabad. District Forest Officer,

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Estimate for Proposed 2 Ha Herbal Garden at Compt.No.275 Hajipur RF of Varni Range

Range: Varni

Division: Nizamabad

Beat : Varni

Section : Varni

R.F:Hajipur

Compt.No. 275

SI.	Description of Work	Qty	Unit	Rate	Amount
No.	2	3	4	5	6
1	Drilling of Bore Well, Providing motor, Pipeline & Other irrigation System.	1	No	2.5	2.50
2	Clearing of site, leveling sector formation & laying of internal paths	2	На	0.75	1.50
3	Providing curb walls planter boxes etc., and other basic partitions for sectorlization	2	На	2.5	5.00
4	Cost/Procurement fof plant material	36000	Nos	Actual	3.50
5	Planting including digging of pits, planting transportation internal transportation and maintanance	36000	Nos	Actual	2.50
6	Power Connection as per the Demand Notice of DE.Elec.Operation			Actual	5.75
7	Erection of entry gate, with board etc.		Nos		2.75
				Total:	23.50

Forest Range Officer, Varni

Estimate for Development of Butterfly Garden & Development of Arboretum at Compt.No.275 Hajipur RF of Varni Range

Range: Varni

Division: Nizamabad

Beat : Varni

Section: Varni

R.F:Hajipur

Compt.No. 275

SI.	Description of Work	Qty	Unit	Rate	Amount
No.	Description of Work		Offic	Rate	Amount
1	2	3	4	5	6
1	Development of Buttergly garden by planting flowering plants that attract butter flies & also such plants which support different stages of life cycle of butterflies which signage interpretation.		LS	7.5	7.50
2	Development of Arboretum with different sectors such as Fragtance Park, Aquatic Garden, Rock gardens nad landscape garden		LS	20.00	20.00
3	Development of a small entry plaza with check post & gate, Seating benches, view points and constructions of Hexagone Pagodas (3 Nos) & Beautification of Pagodas	3	Nos	6.85	20.55
HEL				Total:	48.05

Forest Range Officer, Varni

Estimate for Advance Wokrs of 15 Ha AR-SMM at Munpally Beat of Nizamabad Range During 2016-17

Range: Varni

Division: Nizamabad

Beat : Varni

Section: Varni

R.F:Hajipur

Compt.No. 275

CI	D '.' CW 1					
S1.	Description of Work	FSR	Qty	Rate	Unit	Amount
No		Item No				
1	2	3	4	5	6	7
	Survey with GPS (Only staff to carry out)	2.8.1	15	311.04	Plantatio n	311
2	Peparation of site for planting by clearing thorny unsalable, unusable jungle growth					
	Very light jungle growth (>10% and upto 20% griound area covered with jungle growth)	2.8.3	15	2598.59	На	38979
3	Uprootal of stumps to a depth of 45 cm (excluding unsuitable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal and levelling.					
	Very light jungle growth (>10% and upto 20% griound area covered with jungle growth)	2.8.6	15	8434.51	На	126518
	Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site.		7.00			
	Very light jungle growth (>10% and upto 20% griound area covered with jungle growth)	2.8.9	15	7363.33	На	110450
5	Raising of Nursery for raising of 15 ha Plantation &					850000
6	Misc and Others					33787
Park I	TOTAL					1160044

Forest Range Officer, Varni

Estimate for Raising of 15.0 Ha AR -SMM at Varni Beat of Varni Range During 2017-18

Range: Varni

Division: Nizamabad

Beat : Varni

Section: Varni

R.F:Hajipur

Compt.No. 275

SI.	Description of Wards		15				
No	2 description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
1	Deep Ploughing the plantation area to a depth of 30 cm with heavy duty tractor of 45 HP and above across the slope with mould board plough (untilled Areas) (a) Hard Soils like gravel and Morum.	2.9.2	15	4510.05	1	На	67651
2	Removing congestion of root suckers and other uprooted material hindering the effective ploughing (For Non-tilled Areas Only)	2.9.4	15	853.42	1	ha	12801
3	Alignment and staking including laying base line for Misc species with espacement 3mX2m (1666 Nos)	2.2.2	29985	66.74	100	Nos	20012
4		2.2.5	29985	47.30	100	Nos	14183
5	Digging of Pits in ploughed Areas in June- July by adopting 50 % of original rate of digging of pits of ordinary soil.	2.9.11	29985	4.43	1	Cum	132834
6	Transporation of planting stock including loading and unloading (20x30 cm (8x12) bag plants- upto 5 m lead	2.9.14	32984	173.49	100	Nos	57224
7	Transporation of planting stock including loading and unloading (20x30 cm (8x12) bag plants- beyound 5 Km (for every extra Km beyound 5 km upto 25 Km)	2.9.17	32984	6.75	100	Nos	44528
8	Internal Transporation to Planting points on head loads (20x30 cm (8x12) bag plants)	2.9.23	32984	117.94	100	Nos	38901
	Cost of SSP	2.9.25	-61	As per Ad	ctual		2500
	Application of 50 gm of SSP per pit(1 day before planting)	2.9.24	13328	32.62		Nos	4348
11	Planting bag plants in 45 cm X 45cm X 45 cm pits	2.9.27	29985	363.37	100	Nos	108956
12	Replacement of Casualties : 20% during raising year	2.9.29	2998	181.69	100	cum	5447
13	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during. Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard gravelly soils in untilled areas.	2.9.34	15	2810.70	1	ha	42161
16	Cost of Protection (9 Months)	2.9.38	9	7500.00	1	Month	67500
17	Removal of Mahaveera Weed growth (prior approval of CF/CCF)	2.9.36	15	3231.18	1	На	48468
	Total (As per FST 2016-17)			To	tal:		862077
E T	Added 15 % escalation				THE RE		129312
= 1				G.T	otal:		991389

Forest Range Officer, Varni

Estimate for 1st Year Mintenance of 15.00 Ha AR -SMM at Varni Beat of Varni Range During 2018-

Range: Varni

Division: Nizamabad

Beat :Varni

Section: Varni

R.F:Hajipur

Compt.No. 275

SI. No	Description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
1	Digging of Pits in ploughed Areas in June- July by adopting 50 % of original rate of digging of pits of ordinary soil. (20% Replacement)	2.9.11	2998	4.43	1	Cum	13281
2	Transporation of planting stock including loading and unloading (20x30 cm (8x12) bag plants- upto 5 m lead	2.9.14	2998	173.49	100	Nos	5201
3	Transporation of planting stock including loading and unloading (20x30 cm (8x12) bag plants- beyound 5 Km (for every extra Km beyound 5 km upto 25 Km)	2.9.17	2998	6.75	100	Nos	4047
4		2.9.23	2998	117.94	100	Nos	3536
5	Cost of SSP	2.9.25		As per A	ctual		2500
6	Application of 5o gm of SSP per pit (1 day before planting)	2.9.24	6664	32.62	100	Nos	2174
7	Planting bag plants in 45 cm X 45cm X 45 cm pits	2.9.27	2998	363.37	100	Nos	10894
8	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
9	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
10	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard gravelly soils in untilled areas.	2.9.34	15	2810.70	1	ha	42161
11	Cost of Protection (12 Months)	2.9.38	12	7500.00	1	Month	90000
12	Removal of Mahaveera Weed growth (prior approval of CF/CCF)	2.9.36	15	3231.18	1	На	48468
Kal	Total (As per FST 2016-17)			T	otal		416825
	Added 20 % escalation		1	N HERE	227	E E	83365
2.0				G.	Total	:	500190

Forest Divisional Officer, Nizamabad. Ferest Range Officer, Varni

Estimate for 2nd Year Mintenance of 15.00 Ha AR -SMM at Varni Beat of Varni Range During 2019-

Range: Varni

Division: Nizamabad

Beat : Varni

Section : Varni

R.F:Hajipur

Compt.No. 275

SI. No	Description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
1	Cost of SSP	2.9.25	-	As per Act	ual		2500
2	Application of 5o gm of SSP per pit (1 day before planting)	2.9.24	6664	32.62	100	Nos	2174
3	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
4	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
5	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in Hard gravelly soils in untilled areas.	2.9.34	15	2810.70	1	ha	42161
6	Removal of Mahaveera Weed growth (prior approval of CF/CCF)	2.9.36	15	3231.18	1	На	48468
	Total (As per FST 2016-17)			Tot	tal:	3	289866
	Added 25 % escalation	and the same of					72466
				G.T	otal :	17 15	362332

Forest Range Officer, Varni

Estimate for 3rd Year Mintenance of 15 Ha AR -SMM at Varni Beat of Varni Range During 2020-21

Range: Varni

Division: Nizamabad

Beat :Varni

Section : Varni

R.F:Hajipur

Compt.No. 275

SI. No	Description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
1	Cost of SSP	2.9.25	1	2500			
2	Application of 50 gm of SSP per pit (1 day before planting)	2.9.24	6664	32.62	100	Nos	2174
ALC: UNITED TO SERVICE STATES	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
	Total (As per FST 2016-17)			To	tal :		199237
	Added 30 % escalation						59771
	美国共享的企业企业			G.Te	otal:		259009

Forest Range Officer, Varrli

Nizamabad.

Estimate for 4th Year Mintenance of 15 Ha AR -SMM at Varni Beat of Varni Range During 2021-22

Range: Varni

Division: Nizamabad

Beat : Varni

Section: Varni

R.F:Hajipur

Compt.No. 275

SI. No	Description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
1	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
2	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
	Total (As per FST 2016-17)			То	tal:		194564
	Added 35 % escalation		Pier				68097
	The detail of th		S. ABBEN	G.T	otal:	FERM	262661

Forest Range Officer, Varn

Estanaie for 5th Year Mintenance of 15.00 Ha AR -SMM at Varni Beat of Varni Range During 2022-

Range: Varni

Division: Nizamabad

Beat : Varni

Section : Varni

R.F:Hajipur

Compt.No. 275

SI.	Description of Work	FSR	Qty	Rate	Unit	Unit	Amount
No		Item No					
1	2	3	4	5	6	7	8
1	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	49980	103.79	100	Nos	51874
	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	49980	545.08	100	Nos	272431
	Total (As per FST 2016-17)			To	tal:		324305
	Added 40 % escalation				-	1148	129722
				G.T	otal:		454027

Forest Range Officer, Varni

Estimate for 6th Year Mintenance of 15.00 Ha AR -SMM at Varni Beat of Varni Range During 2023-24

Range: Varni

Division: Nizamabad

Beat : Varni

Section : Varni

R.F:Hajipur

Compt.No. 275

SI. No	Description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
	Total (As per FST 2016-17)			To	tal :		194564
- 17	Added 55 % escalation					Mile.	107010
	建设的证明的证明的证明的证明的证明的证明的证明的		Light Street		11/11		301574

Forest Divisional Officer Nizamabad. Forest Range Officer, Nizamabad

Stimate for 7th Year Mintenance of 15.00 Ha AR -SMM at Varni Beat of Varni Range During 2024-25

Range: Varni

Division: Nizamabad

Beat : Varni

Section: Varni

R.F:Hajipur

Compt.No. 275

SI. No	Description of Work	FSR Item No	Qty	Rate	Unit	Unit	Amount
1	2	3	4	5	6	7	8
1	Circular weeding to a radius of 0.50 m around the plant (during July- Aug)	2.9.31	29985	103.79	100	Nos	31121
	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm without damaging the plant (during Nov-Dec)	2.9.32	29985	545.08	100	Nos	163442
	Total (As per FST 2016-17)			Tot	tal :		194564
	Added 60 % escalation		E TERM			118	116738
				G.T	otal		311302

Forest Divisional Officer, Nizamabad. Forest Range Officer, Varni

UNIT COST FOR RAISING OF BAG PLANT NURSERY FOR 2012-18 (size of bag 6"x 12")

Range Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

1 Site preparation for New site - Clearing of 01.03.02 6 11.56 1 bed growth, weeds, grass etc., 20.5st of Polybags (12.5 cm x 22.5 cm (6° x 12") size bags/200 g) 01.03.04 97 159.00 1 Kg x 12") size bags/200 g) 01.03.06 6545 348.16 1000 bags 2 2 2 2 2 2 2 2 2	mount		Unit	Rate	Qty	FSR Item No	Description of Work
1 Site preparation for New site - Clearing of 01.03.02 6 11.56 1 bed growth, weeks, grass etc., 2 Cost of Polybags (12.5 cm x 22.5 cm (6° v.12°) size bags(200 g) 3 Cost and transport of ingredient for Potting mixture Red Soil and Clayey Soil, Lank-silt FYM in 2:1:1 ratio 12.5 cm x 22.5 cm (6° x 12°) =1.2 cum vol for 1000 bags (Distance upto 5 km) 4 For every extra km beyound 5 km upto 12.5 cm x 22.5 cm (6° x 12°) =1.2 cum vol for 1000 bags (Distance upto 5 km) 5 Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds. 12.5 cm X 22.5 cm (6° X 12°) size bags, 1700 bags/bed 6 Allignment of beds including allignment of inspection paths etc., 22.5 cm (6° X 12°) size bags, 1700 bags/bed 7 Sowing/dibbling of pretreated seeds directly into bags including cost of treatment. Watering the plants from july to Cotober of Use and grading path pressing the same anually with rose spray or finely perfortated nozzle attached to a hose pipe. (July - October 4 Months 9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6° X 12° bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cost of foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery implements Flacticity Bly Illy Running and Maintenance Charges of Oil Engine. 15 Cost of Frotection Once watcher is allowed upto 1 takh nursery	8	7	6	5	4	3	
X 12*) size bags(200 g) Potiting mixture Red Soil and Clayey Soil, tank-silt FYM in 2:1:1 ratio 12.5 cm x 22.5 cm (6" x 12") =1.2 cum vol for 1000 bags (Distance upto 5 km) For every extra km beyound 5 km upto 25 km Freparation of potting mixture Red Soil and Clayey Soil, 25 km Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds. 12.5 cm X 22.5 cm (6" X 12") size bags , 1700 bags/bed Allignment of beds including allignment of inspection paths etc., Sowing/dibbling of pretreade seeds directly into bags including cost of treatment Watering the plants twice a day from July - October (3 times) July, Aug & Sept. Meding the plants from july to October (3 times) July, Aug & Sept. Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Weeding in the space between the beds, inspection path and sorroundings of nursery implements/ Electricity Billi Running and Maintenance Charges of Oil Engine. Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Billi Running and Maintenance Charges of Oil Engine.	69.36	bed	1	11.56	6		growth, weeds, grass etc.,
Potting mixture Red Soil and Clayey Soil, tank-silt FYM in 2:1:1 ratio 12.5 cm x 2:2.5 cm (6" x 12") =1.2 cum vol for 1000 bags (Distance upto 5 km) For every extra km beyound 5 km upto 25 km Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds. 12.5 cm X 2:2.5 cm (6" X 12") size bags , 1700 bags/bed Allignment of beds including allignment with finger tips and arranging in beds. 12.5 cm X 2:2.5 cm (6" X 12") size bags , 1700 bags/bed Allignment of beds including allignment of inspection paths etc., Sowing/dibbling of pretreated seeds directly into bags including cost of treatment. Watering the plants twice a day from July - October of treatment. Vatering the plants twice at day from July - October of treatment. B manually with rose spray or finely perforated nozzle attached to a hose pipe. (July - October) 4 Months. Weeding the plants from july to October (3 times) July, Aug & Sept. Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. 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 NFK 19:19:19, fungicides and insecticides from july to Oct. Weeding in the space between the beds, inspection path and sorroundings of nurviery Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bulli Running and Maintenance Charges of Oil Engine.	15423	Kg	1	159.00	97	01.03.04	
25 km Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingradients, sleving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds. 12.5 cm X 22.5 cm (6" X 12") size bags , 1700 bags/bed Allignment of beds including allignment of inspection paths etc., Sowing/dibbling of pretreated seeds directly into bags including cost of treatment Watering the plants twice a day from July - October amanually with rose spray or finely perforated nozzel attached to a hose pipe. (July - October) 4 Months Weeding the plants from july to October (3 times) July, Aug & Sept. Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 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 nursery Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill? Running and Maintenance Charges of Oil Engine. Cost of Protection Once watcher is allowed upto 1 lakh nursery O1.0.05.04	2278.71	bags	1000	348.16	6545	01.03.06	Potting mixture Red Soil and Clayey Soil, tank-silt FYM in 2:1:1 ratio 12.5 cm x 22.5 cm (6" x 12") =1.2 cum vol for 1000 bags (Distance upto 5 Km)
and Clayey Soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds. 12.5 cm x 22.5 cm (6° X 12°) size bags , 1700 bags/bed 6 Allignment of beds including allignment of inspection paths etc., 7 Sowing/dibbling of pretreated seeds directly into bags including cost of treatment Watering the plants twice a day from July - October 8 manually with rose spray or finely perforated nozzle attached to a hose pipe. (July - October) 4 Months 9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6°X 12° bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 Cost of Protection Once watcher is allowed upto 1 lakh nursery	890.45		1000 / Km	9.07	6545	01.03.08	25 km
of inspection paths etc., 7 Sowing/dibbiling of pretreated seeds directly into bags including cost of treatment Watering the plants twice a day from July - October 8 manually with rose spray or finely perforated nozzle attached to a hose pipe. (July - October) 4 Months 9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 1.03.13 6545 73.01 1000 1000 1000 1000 1000 1000 1000	5438.57	Nos	1000	830.95	6545		and Clayey Soil in 2:1 ratio by powdering of various ingradients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds. 12.5 cm X 22.5 cm (6" X 12") size bags,
7 Sowing/dibbling of pretreated seeds directly into bags including cost of treatment Watering the plants twice a day from July - October 8 manually with rose spray or finely perforated nozzle attached to a hose pipe. (July - October) 4 Months 9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 100.03.14 6 238.19 bed/month 5 bed/month 6 bed/month 6 bed/month 5 bed/month 6 bed/month 6 bed/month 6 bed/month 5 bed/month 6 bed/month 5 bed/month 6 be	388.81	bed	1.5	6.59	59	01.03.11	
- October 8 manually with rose spray or finely perforated nozzle attached to a hose pipe. (July - October) 4 Months 9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 D1.03.14 6 238.19 bed/month 5 17 D1.03.16 6 43.74 bed/weeding D1.03.16 6 204.28 Bed/shifting D1.03.19 6 204.28 Bed/shifting D1.03.19 6 204.28 Bed/shifting D1.03.29 6 58.00 Bed D1.03.20 6 58.00 Bed D1.03.21 Bed D1.03.21 Bed D1.03.21 Bed D1.03.21 Bed D1.03.21 Bed D1.03.21 Bed D1.03.22 Bed D1.03.22 Bed D1.03.23 G1.03.23	477.85	1000		73.01	6545		directly into bags including cost of treatment
8 manually with rose spray or finely perforated nozzle attached to a hose pipe. (July - October) 4 Months 9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 D1.03.14 6 238.19 bed/month 5 17 D1.03.14 6 43.74 bed/weeding 01.03.16 6 204.28 bed/weeding 01.03.19 6 204.28 bed/weeding 01.03.19 6 204.28 bed/weeding 01.03.29 bed/weedi							
9 Weeding the plants from july to October (3 times) July, Aug & Sept. 10 Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. 11 Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 10 1.03.19 6 204.28 Bed/shifting 1 11 2.01.03.29 6 58.00 Bed 20 20 20 20 20 20 20 20 20 20 20 20 20 2	5716.56	bed/month		238.19	6	01.03.14	manually with rose spray or finely perforated nozzle attached to a hose
Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos. 6"X 12" bags) one grading in Sept. Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) Cos tof 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 nursery Weeding in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. Cost of Protection Once watcher is allowed upto 1 lakh nursery O1.03.19 6 204.28 Bed/shifting 1 204.28 Bed Selo/shifting 1 204.28 Bed Selo Selo Selo Selo Selo Selo Selo Sel	787.32	bed/weeding		43.74	6	01.03.16	Weeding the plants from july to October
out the empty bags and keeping at one end of the bed (maximum 10% of total stock is permissible) 12 Cos tof foliar nutritient formulations like multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 Ontingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery Sories in Raising year Oil Engine. 17 Ontingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery Sories in Raising year Oil Engine. 18 Oct of Protection Once watcher is allowed upto 1 lakh nursery	1225.68	Bed/shifting		204.28	6	01.03.19	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (1700 Nos.
multiplex or NPK 19:19:19, fungicides and insecticides from july to Oct. 13 Weeding in the space between the beds, inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 29.81 Bed 17 As per actual, subject to 7 max. of 5 % of estimate in raising year 18 7500 67	58.00	Bed		58.00	6	01.03.20	out the empty bags and keeping at one end of the bed (maximum 10% of total
inspection path and sorroundings of nursery 14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 Naiser Cost of Protection Path and sorroundings of nursery and sorrounding	5.00					01.03.21	multiplex or NPK 19:19:19, fungicides
14 Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and Maintenance Charges of Oil Engine. 15 Cost of Protection Once watcher is allowed upto 1 lakh nursery 16 O1.03.51 As per actual, subject to max. of 5 % of estimate in raising year 17 O1.03.51 As per actual, subject to max. of 5 % of estimate in raising year 18 O2.03.51 As per actual, subject to max. of 5 % of estimate in raising year 19 O2.03.51 As per actual, subject to max. of 5 % of estimate in raising year 10 O2.03.51 As per actual, subject to max. of 5 % of estimate in raising year 10 O2.03.51 As per actual, subject to max. of 5 % of estimate in raising year	29.81	Bed		29.81	6	01.03.23	inspection path and sorroundings of
allowed upto 1 lakh nursery	7500.00	of estimate	max. of 5 %			01.03.51	Contingencies in Raising year Cost of Pipes/ Nursery Board/ Nursery implements/ Electricity Bill/ Running and .
Total for 1 bed & 1700 seedling as 16-17 FSR	7500.00		7500		9		allowed upto 1 lakh nursery
	107789					7 FSR	Total for 1 bed & 1700 seedling as 16-1
10% escalation Unit per per Bed & 1700 seedling for 2016-17 Total:	10779 118568						

Forest Range Officer, Varni

UNIT COST FOR MAINTENANCE OF BAG PLANTS NURSERY FOR 2018-19 (size of bag 6"x12")

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remarks
1	01.04. 01	Watering the plants for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags; 1100 6"X12" bags, 800 8"X12" bags and 300 12" X 18" bags)	6 Bed	258.19	Per bed/mont h	6196.6	
2	01.04. 03	Weeding maximum four times during maintenance year for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags; 1100 6"X12" bags and 800 8"X12" bags)	6 Bed	43.74	Per bed/weed ing	1049.8	
3	01.04. 04	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed maximum two shifts (2600 4" X 7" bags; 1700 5" X9" bags; 1100 6"X12" bags and 800 8"X12" bags)	6 Bed	215.68	Per bed/shifti ng	2588.2	
4	01.04. 07	Cost of cow dung slurry	As per actuals			7500.0	
5	01.04.	Application of cowdung slurry - only once between April to June - Watering should not be done 12 hours before and after application of cowdung slurry treatment.	11000	179.17	1000	3941.7	
6	04	Cost of Protection: One Nursery Watcher 1 No x 4 months (1 /100 =0.01 Nos @ 7500 x 4 M)	4	7500	Per month / bed	30000.0	
7		Cost of chemicals, insecticides, pesticides etc.,	As per actuals			5000.0	
	10% escalation				56276		
			4 1 2		TOTAL THE R	5628	
	Unit per	per Bed & 1700 seedling for 2018-19		Tot	tal:	61904	

Forest Divisional Officer, Nizamabad. Forest Range Officer, Varni

UNIT COST FOR 5 Ha ADVANCE OPERATIONS FOR CA SCHEME FOR 2018-19 UNDER AR SEMI MECHANICAL METHOD (Medicinal Plantation)

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

Forest Range Officer,

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remark
1	02.08.01	Survey with hand-held GPS (staff to carry out) and demarcation - one manday is allowed for assistance.	1	311.04	На	311.04	
		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.					
2	02.08.04	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.	5	5207.65	На	26038.25	
		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.					
3	02.08.07	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	5	10965.25	На	54826.25	
		Collection and Removal of Uprooted Stumps of all sizes, other debris etc., to outside the plantation site.					
4	02.08.10	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth)	5	8585.68	На	42928.40	
5		Miscellaneous				2450.00	
		TOTAL			7. 1	126554	

UNIT RATE:

126554 As per FSR 2016-17
139209 As per FSR 2017-18 (10% Escalation charges added)
153130 As per FSR 2018-19 (10% Escalation charges added)

UNIT COST FOR RAISING OF 5 Ha C.A. PLANTATION UNDER AR-SEMI MECHANICAL METHOD FOR 2019-20 (Medicinal Plantation)

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

	Hajipur		Compt.No:275							
SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remarks			
		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 UNTILLED AREA) - to be completed by 15th of June								
1	02.09.02	ii) Hard soils like gravel and morum	5	4510.05	Ha	22550				
		Allignment & Stacking including demarcation of base line								
2	02.09.06	ii) 2X3 m espacement = 1666 planting points	8,330	66.74	100	5559				
3	02.09.09	Cost of preparation of stakes (0.45 m length) and transportation to site Digging of Pits in Ploughed Areas in June - July	8,330	47.30	100	3940				
		by adopting 50% of original rate of digging of pits of ordinary soil								
4	02.09.11	b) 45 cm ³ pits	8,330	8.86	1	73804				
		Transportation of Planting Stock (including loading and unloading) From nursery to plantation site - upto 5 Km lead								
5	02.09.13	15 X 30 cm (6"X12") bag plants	9,995	96.79	100	9674.16				
		From nursery to plantation site - beyond 5 Km lead i) For every extra km beyond 5 km upto 25 km								
6	02.09.16	15 X 30 cm (6"X12") bag plants	9,995	3.38	100	337.83				
7	02.09.21	Internal transportation to planting points on head loads 12.5 X 22.5 cm (5"X9") bag plants	9,995	76.25	100	7621.19				
8	02.09.27	Planting bag plants 45cmX45cmX45 cm pits	9,995	363.37	100	36318.83				
9		Replacement of Casualties 20% during Raising	1	00.70						
11		15 X 30 cm (6"X12") bag plants 15 X 30 cm (6"X12") bag plants	1,666	96.79	100	1612.52				
		Internal transportation to planting points on head	1,666	3.38	100	56.31				
12	02.09.21	loads 12.5 X 22.5 cm (5"X9") bag plants	1,666	76.25	100	1270.33				
13	02.09.27	Planting bag plants 45cmX45cmX45 cm pits	833	363.37	1	3026.87				
14	02.09.30	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.	1,666	32.62	100	543.45				
		WEEDING & SOIL WORKING								
15	02.09.31	a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	8,330	103.79	100	8645.71				
16	02.09.32	b) 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.)	8,330	545.08	100	45405.16				
17		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 ii) Hard gravelly soil	5	2810.70	1	14053.50				
18	02.09.38	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.	9	250.00	1	2250.00				
		TOTAL:				236668.86				

236669	As per FSR 2016-17
260336	As per FSR 2017-18 (10% Escalation charges added)
286370	As per FSR 2018-19 (10% Escalation charges added)
	As per FSR 2019-20 (10% Escalation charges added)

Forest Divisional Officer, Nizamabad. or **236669**

Forest Range Officer, Varni

UNIT COST FOR 1st YEAR MAINTENANCE OF 5 Ha C.A. PLANTATION FOR 2020-21 UNDER AR-SEMI MECHANICAL METHOD (Medicinal Plantation)

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remarks
	02.09.29	Replacement of Casualties 25% during Raising (8330 x 25% = 2083)					
1	02.09.13	15 X 30 cm (6"X12") bag plants	2,083	96.79	100	2016.14	
2	02.09.16	15 X 30 cm (6"X12") bag plants	2,083	3.38	100	70.41	
3	02.09.21	Internal transportation to planting points on head loads 12.5 X 22.5 cm (5"X9") bag plants	2,083	76.25	100	1588.29	
4	02.09.27	Planting bag plants 45cmX45cmX45 cm pits	2,083	363.37	1	7569.00	
5	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	8,330	103.79	100	8645.71	
6	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 pick-axe only) without damaging the plant during Nov - Dec	8,330	545.08	100	45405.16	
7	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.	5	2048.90	1	10244.50	
8	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 tograph before and after uprootal. The weed removal shall be completed before August-end (before flowering) at any cost before interploughing.	5	3032.48	На	15162.40	
9	02.09.38	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.	12	250.00	1	3000.00	
		TOTAL:				93701.61	

UNIT RATE:

93702 As per FSR 2016-17
103072 As per FSR 2017-18 (10% Escalation charges added)
113379 As per FSR 2018-19 (10% Escalation charges added)
124717 As per FSR 2019-20 (10% Escalation charges added)
137189 As per FSR 2020-21 (10% Escalation charges added)

Forest Divisional Officer, Nizamabad. Forest Range Officer, Varni

or

93702

per Ha

UNIT COST FOR 2nd YEAR MAINTENANCE OF 5 Ha C.A. PLANTATION FOR 2021-22 UNDER AR-SEMI MECHANICAL METHOD (Medicinal Plantation)

Range: Vami Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remarks
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)	8330	545.08	100	45405.16	
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)	8330	103.19	100	8595.73	
3	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 tograph before and after uprootal. The weed removal shall be completed before August-end (before flowering) at any cost before interploughing.	5	3032.48	На	15162.40	
4	02.11.04	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.	12	250.00	1	3000.00	
		TOTAL:				72163.29	
	NIT DATE			111	or	72163	per Ha

UNIT RATE:

72163	As per FSR 2016-17
	As per FSR 2017-18 (10% Escalation charges added)
87317	As per FSR 2018-19 (10% Escalation charges added)
	As per FSR 2019-20 (10% Escalation charges added)
	As per FSR 2020-21 (10% Escalation charges added)
116219	As per FSR 2021-22 (10% Escalation charges added)

Forest Divisional Officer, Nizamabad. Forest Range Officer, Varni

UNIT COST FOR 3rd YEAR MAINTENANCE OF5 Ha C.A. PLANTATION FOR 2022-23 UNDER AR-SEMI MECHANICAL METHOD (Medicinal Plantation)

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remarks
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)	8330	545.08	100	45405.16	
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)	8330	103.19	100	8595.73	
3	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 tograph before and after uprootal. The weed removal shall be completed before August-end (before flowering) at any cost before interploughing.	5	3032.48	На	15162.40	
4	02.11.04	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.	12	250.00	1	3000.00	
		TOTAL:				72163.29	
			SC a -		or	72200	per Ha.

UNIT RATE:

72200	As per FSR 2016-17
79420	As per FSR 2017-18 (10% Escalation charges added)
87362	As per FSR 2018-19 (10% Escalation charges added)
96098	As per FSR 2019-20 (10% Escalation charges added)
105708	As per FSR 2020-21 (10% Escalation charges added)
116279	As per FSR 2021-22 (10% Escalation charges added)
127907	As per FSR 2022-23 (10% Escalation charges added)

Forest Range Officer, Varn

UNIT COST FOR 4th YEAR MAINTENANCE OF 5 Ha C.A. PLANTATION FOR 2023-24 UNDER AR-SEMI MECHANICAL METHOD (Medicinal Plantation)

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. N o.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remark s
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)	8330	545.08	100	45405.16	
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)	8330	103.19	100	8595.73	
3	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 tograph before and after uprootal. The weed removal shall be completed before August-end (before flowering) at any cost before inter-ploughing.	5	3032.48	На	15162.40	
5	02.11.04	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.	6	250.00	1	1500.00	
		TOTAL:				70663	
					or	70700	per Ha.

UNIT RATE:

70700	As per FSR 2016-17
77770	As per FSR 2017-18 (10% Escalation charges added)
	As per FSR 2018-19 (10% Escalation charges added)
	As per FSR 2019-20 (10% Escalation charges added)
	As per FSR 2020-21 (10% Escalation charges added)
	As per FSR 2021-22 (10% Escalation charges added)
	As per FSR 2022-23 (10% Escalation charges added)
	As per FSR 2023-24 (10% Escalation charges added)

Forest Range Officer, Varni

UNIT COST FOR 5th YEAR MAINTENANCE OF 5 Ha C.A. PLANTATION FOR 2024-25 UNDER AR-SEMI MECHANICAL METHOD

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remark
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)	8330	545.08	100	45405.2	
2	02.11.04	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.	12	250.00	1	3000.00	
		TOTAL:				48405.2	
			Sec.		or	48405	per Ha.

UNIT RATE:

48405	As per FSR 2016-17
53246	As per FSR 2017-18 (10% Escalation charges added)
58571	As per FSR 2018-19 (10% Escalation charges added)
64428	As per FSR 2019-20 (10% Escalation charges added)
70871	As per FSR 2020-21 (10% Escalation charges added)
77958	As per FSR 2021-22 (10% Escalation charges added)
85754	As per FSR 2022-23 (10% Escalation charges added)
94329	As per FSR 2023-24 (10% Escalation charges added)
103762	As per FSR 2024-25 (10% Escalation charges added)

Forest Divisional Officer, Nizamabad. Forest Range Officer, Varni

UNIT OST FOR 6th YEAR MAINTENANCE OF 15 Ha C.A. PLANTATION FOR 2025-26 UNDER AR-SEMI MECHANICAL METHOD

Range: Varni Beat: Varni RF: Hajipur

Division: Nizamabad Section: Varni Compt.No:275

SI. No.	FSR item No	Nature of work	Qty	Rate	Unit	Amount	Remark
1	02.11.04	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.	12	750.00	Month	9000.00	
		TOTAL:		No.		9000.00	
					or	9000	per Ha.

UNIT RATE:

9000	As per FSR 2016-17
9900	As per FSR 2017-18 (10% Escalation charges added)
10890	As per FSR 2018-19 (10% Escalation charges added)
11979	As per FSR 2019-20 (10% Escalation charges added)
13177	As per FSR 2020-21 (10% Escalation charges added)
14495	As per FSR 2021-22 (10% Escalation charges added)
15945	As per FSR 2022-23 (10% Escalation charges added)
17540	As per FSR 2023-24 (10% Escalation charges added)
19294	As per FSR 2024-25 (10% Escalation charges added)

Forest Divisional Officer, Nizamabad. Forest Range Officer,