

**APPENDIX - I**  
**ABSTRACT FOR RAISING OF AVENUE PLANTATION FROM INDALWAI TO BHEEMGAL ROAD FOR 2.409 Kms IN**  
**KAMAREDDY FOREST DIVISION OF NIZAMABAD CIRCLE.**

Sl No	Component	2017-18	2018-19	2019-20	Total	Remarks
1	2	3	4	5	6	7
1	Raising of Avenue plantation (Area in Kms.)	640412			<b>640412</b>	
2	1st Year maintenance of avenue plantation (Area in Kms)		352507		<b>352507</b>	
3	2nd Year maintenance of avenue plantation (Area in Kms)			161603	<b>161603</b>	
	<b>Sub-Total</b>	<b>640412</b>	<b>352507</b>	<b>161603</b>	<b>1154522</b>	
4	Administrative Cost 10%	64042	35251	16161	<b>115454</b>	
	<b>TOTAL:</b>	<b>704454</b>	<b>387758</b>	<b>177764</b>	<b>1269975</b>	

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*Apal*  
**Chief Conservator of Forests**  
**NIZAMABAD CIRCLE, NIZAMABAD.**

*M*  
 (FAC) Divisional Forest Officer,  
 Kamareddy


-117-



**APPENDIX - I**

**ABSTRACT FOR RAISING OF AVENUE PLANTATION FROM INDALWAI TO BHEEMGAL ROAD FOR 2.409 Kms  
OF INDALWAI RANGE WHICH FALLS IN KAMAREDDY FOREST DIVISION**

Sl. No.	Item of work	YEAR WISE REQUIREMENT OF FUNDS						Total
		During 2017-18		During 2018-19		During 2019-20		
		Qty.	Amount	Qty.	Amount	Qty.	Amount	
1	2	3	4	5	6	7	8	9
1	Raising of Avenue plantation (Area in Kms.)	2.409	640412					640412
2	1st Year maintenance of avenue plantation (Area in Kms)			2.409	352507			352507
3	2nd Year maintenance of avenue plantation (Area in Kms)					2.409	161603	161603
	Sub-Total		640416		352513		161611	1154531
4	Administrative Cost 10%		64042		35251		16161	115453
	TOTAL:		704458		387764		177772	1269984
1270000								

  
(FAC) Divisional Forest Officer,  
Kamareddy



# ESTIMATE FOR RAISING OF AVENUE PLANTATION FROM INDALWAI TO BHEEMGAL (2.409 Kms.)

**DIVISION : KAMAREDDY**  
**R.F: AMSANPALLY, RAMAREDDY**

**RANGE : INDALWAI**  
**COMPT. No. 418 & 419; 599 & 600**

Sl. No	Item of the Work	FSR Item No.	Rate FSR 2016-17	Qty.	Per	Amount Rs
1	Preparation of site by clearing unwanted growth to a width of 3 m on each side in the planting row parallel to the road (equals to 0.6 ha clearance per km road length).	02.16.01	1559.52	2.409	1 km	3757
2	Alignment and Staking including cost of 45 cm long stakes	2.16.02	60.48	960	100	581
3	Digging of pits ii) 60 cm3 size (0.216 cum) in hard gravelly and moram Soil	2.16.04	40.40	960	each	38784
4	Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading upto 5 Km lead (20 X 30cm) (8"X12") bag plants	2.16.07	173.49	960	100	1666
5	Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading beyond 5 Km - extra for every each Km. (20 X 30cm (8"X12") bag plants) (@Rs.6.75/-Km. 50 Kms)	2.16.09	337.50 (6.75*50 KM)	960	100	3240
6	Internal transport of bag plants for avenue plantations (8"X12") size	2.16.13	173.39	960	100	1665
7	Cost of superphosphate and chloridine dust	02.16.16	Actuals	960		2000
8	Replacement of causalities (10% - since watering provision is provided) including opening of pit, internal transportation, planting and refixing the fence.	2.16.17	2033.91	192	100	3905
9	Weeding & Soil working, Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer in ordinary soils.	2.9.32	545.08	960	100	5233
10	Watering the plants - (Main rows) (32 waterings) First 10 days - alternate day after planting: 5 waterings Next 12 days - once in 4 days: 3 waterings August to Novemebr - once in 15 days: 8 waterings December to March - 4 waterings per month: 16 waterings Total from July (after planting) to March: 32 waterings	2.16.20	582.50	960	100/ watering	178944
11	Brush wood fencing around the plant including collection, transportation and fixing at site (size of 1 m dia and 1.5 m height) - Thorny fencing with sturdy thorn material of 10 cm girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing.	2.16.22	14024.88	960	100	134639
12	Cost of Protection: One Plantation Watcher upto 4 km effective length and thereafter one for every 4 km for 6 months from April to September.	2.18.05	7500.00	9	per month	67500
13	Cycle Allowance to casual labour for Watch and Ward for 6 months	2.18.06	4.60	180	Per day	828
14	Cost of tall plants (1152@85/-)	Non-FSR	85.00	1152	Per plant	97920
15	CONTINGENCIES: Plantation Boards, buckets and other expenses	2.16.33				16220
	<b>Total:</b>					<b>556880</b>

As per FSR 2016-17

**556880**

As per FSR 2017-18 (15% Escalation charges added)

**640412**

As per FSR 2018-19 (15% Escalation charges added)

**736474**

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-123-

**SITIMATE FOR 1st YEAR MAINTENANCE OF AVENUE PLANTATION FROM INDALWAI TO  
BHEEMGAL (2.409 Kms.)**

**DIVISION : KAMAREDDY**  
**R.F: AMSANPALLY, RAMAREDDY**

**RANGE : INDALWAI**  
**COMPT. No. 418 & 419; 599 & 600**

Sl. No.	Item of the Work	FSR Item No.	Rate FSR 2016-17	Qty.	Per	Amount Rs
1	Replacement of causalities (10% - since watering provision is provided) including opening of pit, transportation, planting and refixing the fence.	2.17.01	2033.91	192	100 Nos.	3905
2	Cost of Chemical and Fertilizers	2.17.09	Actuals	960		1000
3	Application of inorganic fertilizers like 200 gms of DAP per plant in the month of split doses (in the month of July and October @ 100 gm / time per plant)	2.17.08	183.11	960	100/ time	3516
4	Watering the plants - (Main rows) (12 waterings) April to June	2.17.06	582.50	960	100/ watering	67104
5	Watering the plants - (Main rows) (6 waterings) Oct to Dec	2.17.06	582.50	960	100/ watering	33552
6	Watering the plants - (Main rows) (9 waterings) Jan to March	2.17.06	582.50	960	100/ watering	50328
7	Cost of tall plants (192@85/-)	Non-FSR	85.00	192	Per plant	16320
8	Cost of Protection: One Plantation Watcher upto 4 km effective length and thereafter one for every 4 km for 12 months from April to March.	2.17.12	7500.00	12	Per month	90000
9	Cycle Allowance to casual labour for Watch and Ward for 6 months	2.17.13	4.56	180	Per day	821
	<b>Total :</b>					<b>266546</b>

As per FSR 2016-17 266546  
As per FSR 2017-18 (15% Escalation charges added) 306527  
As per FSR 2018-19 (15% Escalation charges added) 352507

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-125-

**ESTIMATE FOR 2nd YEAR MAINTENANCE OF AVENUE PLANTATION FROM INDALWAI TO BHEEMGAL (2.409 Kms.)**

**DIVISION : KAMAREDDY  
R.F: AMSANPALLY**

**RANGE : INDALWAI  
COMPT. No. 418 & 419; 599 & 600**

Sl. No.	Item of the Work	FSR Item No.	Rate FSR 2016-17	Qty.	Per	Amount Rs
1	Cost of Chemical and Fertilizers	2.17.09	Actuals	960		1000
2	Application of inorganic fertilizers like 200 gms of DAP per plant in the month of split doses (in the month of July and October @ 100 gm / time per plant)	2.17.08	183.11	960	100/ time	3516
3	Watering the plants - (Main rows) (10 waterings) April to June	2.18.01	582.50	960	100/ watering	55920
4	Cost of Protection: One Plantation Watcher upto 4 km effective length and thereafter one for every 4 km for 6 months from April to September.	2.18.05	7500.00	6	Per month	45000
5	Cycle Allowance to casual labour for Watch and Ward for 6 months	2.18.06	4.56	180	Per day	821
	<b>Total :</b>					<b>106257</b>

As per FSR 2016-17 106257  
As per FSR 2017-18 (15% Escalation charges added) 122195  
As per FSR 2018-19 (15% Escalation charges added) 140524  
As per FSR 2019-20 (15% Escalation charges added) 161603

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