

**OFFICE OF DEPUTY CONSERVATOR OFFOREST, BHARATPUR**

**Name of project:-** Replacement of old Pipe Line by DI Pipe line Malah Headworks to Sewar Fort to DEPOT Area, Kanjoli Lines At AMN DEPOT Bharatpur, bharatpur – jaipur road (NH-11) in Forest land along NH-11 form km stone 56-60 (chainage: 56+375.00 – 60+795) LHS

**CHECK LIST SERIAL NUMBER: 18**

**“SCHEME FOR 100 PLANTS”**

Details scheme for (100 Plants) for compensatory afforestation to be carried out in lieu of 0.2652 ha. of forest area to be diverted for Replacement of old Pipe Line by DI Pipe line Malah Headworks to Sewar Fort to DEPOT Area, Kanjoli Lines At AMN DEPOT Bharatpur, bharatpur – jaipur road (NH-11) in Forest land along NH-11 form km stone 56-60 (chainage: 56+375.00 – 60+795) LHS village- Malah/Rampura/Madoli/Nagla Teriyan tehsil-Bharatpur, district – Bharatpur.

**1. Details of degraded forest land/non forest land:-**

District – Bharatpur, village – Jahaaj, tehsil - Weir

Name of forest division DCF BHARATPUR\_range\_BAYANA\_

Block/compartament no Jahaaj- 5 area to be afforested 0.70 Ha.\_

**2. Description of Area**

- I) Whether the site selected for compensatory afforestation is a land bank or not: no
- II) If the CA site is other than the land bank, reasons be given: Degraded forest land is identified for compensatory afforestation as forest land proposed for diversion is less than one hectare.
- III) In case of non forest area indentified for CA, then what is the distance of CA site from the adjoining forest boundary:- Nil
- IV) Soil type: Sandy
- V) Topography:
  - (a)Hilly/undulating/plain: Undulating
  - (b)slope:steep/medium/gentle: Gentle slope
- VI) Whether the area is bearing any root stock of vegetation: yes

**3. Plantation Model:-** Copy of the approved CA Scheme/Model showing component wise physical and financial break up to be enclosed

**4. Schedule of Plantation Programme:-**

Details of year wise break up of requirements of funds is as under:-

Year	Rate for 100 plants
0 <sup>th</sup> year	76141
1 <sup>st</sup> year	12606
2 <sup>nd</sup> year	11760
3 <sup>rd</sup> year	8920
4 <sup>th</sup> year	8920
5 <sup>th</sup> year	8920
6 <sup>th</sup> year	8920
7 <sup>th</sup> year	8920
8 <sup>th</sup> year	8920
9 <sup>th</sup> year	8920
10 <sup>th</sup> year	8920
<b>Total amount for 100 plants</b>	<b>171867</b>

**5. Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) General details: Scheme is prepared for 100 plants on Forest land
- (b) Spacing: 3x4 Meter
- (c) Species: Acacia Nilotica, Acacia Tortilis, Ziziphus Jujube, Acacia leucophloea etc.
- (d) Plantation method: Manual
- (e) Soil and Moisture conservation works: No
- (f) Protection (Fencing, Watch man, People's Participation etc.): Fencing
- (g) Proposed Monitoring Mechanism:- One Guard will deputed for supervision

Any other information:-Nil

Date: 05.08.2020

(Signature)

(V. KETAN KUMAR)

Deputy Conservator of Forest  
Bharatpur



Deputy Conservator of Forests, Bharatpur (Rajasthan)  
Details of amount of 100 Trees For

Project Name- Replacement of old Pipe Line by DI Pipe line Malah Headworks  
to Sewar Fort to DEPOT Area, Kanjoli Lines At AMN DEPOT Bharatpur,  
bharatpur – jaipur road (NH-11) in Forest land along NH-11 form km stone 56-  
60 (chainage: 56+375.00 – 60+795) LHS

S.N	BSR Item No.	Item of Work	Type	Rate(Rs.)	Total
Advance work & planting year					
1		Cost of raising 110 seedlings	Plant	9.05	996
2	2.4.1.4	Digging of 100 pits size : 0.45x0.45x0.45 cube meter	Pit	13	1300
3		Purchase of insecticide and fertilizers	Plant	LS	1000
4	3.3.2	Transportation of 100 plants from nursery to planting site(up to 20km)	Plant	2.15	215
5	3.4.3.2	Planting of 100 seedlings including Refilling of Pits	Plant	7.20	720
6	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 5 times.	Plant	19.8	9900
7	3.4.4	Making of crescent shaped thanvala having 45cm radius around plant or natural plants giving inward slope for rain water harvesting	Plant	7.6	760
8	3.1.6	sowing of 2-3 seeds of thorny tree species on thanvala	Bush	1.30	1300
9	3.6.1.2	Weeding and hoeing of 100 plants in 2 times in hard and bouldary soils of hilly terrain	Plant	4.3	860
10		Making of 5 feet high thorny fencing using pruned material and fixing it in trenches of 0.45x0.45 meter and pressing the fencing firmly in soil(perimeter per pit 5.652 RM(2x3.14x.9))	Per RM	95.70	54090
11		Unforseen Expenditure			5000
		<b>TOTAL</b>			76141
Maintenance Ist Year					
1		Cost of raising 20 seedlings	Plant	9.05	181
2	2.4.2.4	Re Digging of 20 pits size: 0.45x(0.4+0.5/2)2 cum	Pit	6.30	126
3		Purchase of insecticide and fertilizers 20	Plant	LS	200
4	3.3.2	Transportation of 20 plants from nursery to planting site(up to 20km)	Plant	2.15	43
5	3.4.3.2	Planting of 20 seedlings including Refilling of Pits	Plant	7.20	144
6	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 5 times.	Plant	19.8	9900



7	3.4.4	Making of crescent shaped thanvala having 45cm radius around plant or natural plants giving inward slope for rain water harvesting	Plant	7.6	152
8	3.6.1.2	Weeding and hoeing of 100 plants in 2 times in hard and bouldary soils of hilly terrain	Plant	4.3	860
9		Unforeseen Expenditure			1000
		<b>TOTAL</b>			12606

Maintenance 2nd Year					
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 5 times.	Plant	19.8	9900
2	3.6.1.2	Weeding and hoeing of 100 plants in 2 times in hard and bouldary soils of hilly terrain	Plant	4.3	860
3		Unforeseen Expenditure			1000
		<b>TOTAL</b>			11760
Maintenance 3rd Year					
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920
Maintenance 4th Year					
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920
Maintenance 5th Year					
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920
Maintenance 6th Year					
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920
Maintenance 7th Year					
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including	Plant	19.8	7920


		cost of transportation ) in 100 plant at the time of planting and 4 times.			
2		Unforeseen Expenditure			
		<b>TOTAL</b>			1000
	Maintenance 8th Year				8920
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920
	Maintenance 9th Year				
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920
	Maintenance 10th Year				
1	3.5.1.1	Watering of plants by camel cart/tractor tanker(minimum 15 liters of water & including cost of transportation ) in 100 plant at the time of planting and 4 times.	Plant	19.8	7920
2		Unforeseen Expenditure			1000
		<b>TOTAL</b>			8920

#### Year wise breakup

S.N.	Year wise breakup	Amount
1	Advance work & Planting	76141
2	Maintenance Ist Year	12606
3	Maintenance IInd Year	11760
4	Maintenance IIIrd Year	8920
5	Maintenance IVth Year	8920
6	Maintenance Vth Year	8920
7	Maintenance VIth Year	8920
8	Maintenance VIIth Year	8920
9	Maintenance VIIIth Year	8920
10	Maintenance IXth Year	8920
11	Maintenance Xth Year	8920
	<b>Total Amount for 100 Plants</b>	<b>171867</b>

Place: Bharatpur

Date: 05.08.2020

  
 (V. KETAN KUMAR)  
 Deputy Conservator Forest  
 Bharatpur