## Annexure – I

Sr. No.	Particulars of work					
First	Year: Per hectare cost at wage rate of 44	5/- per day	during 2023	-24:		
1	Singling/pruning (200 No.) and clearance of musquet bushes (200 No.)	На.	1	LS	10,000.0	
2	Dak bailing and alignment	На.	3	304.68	914.0	
3	Digging of trench (2.0mx0.45mx0.45m) (350 Nos) along the contour	$M^3$	141.75	356	50,463.0	
4.	Digging of pits 700 No. (350x 0.45m x 0.45m x 0.45m for Tress; 350x 0.45m x 0.45m x 0.45m for shrubs/climbers)	$M^3$	63.79	356	22,709.2	
5	Average cost of raising of plants in Nry. in 20x30 cm bags (700 + 20% extra)	No.	840	42.27	35,506.8	
6	Loading and unloading of plants in Tractor/Cart	No.	770	1.33	1,024.1	
. 7	Carriage of plants	No.	770	5.59	4,304.3	
8	Further carraige of plants by manual labour in hilly area where vehicle etc. connect reach	No.	770	4.44	3,418.8	
9	Planting of seedling including 10% replacement	No.	770	17.43	.13,421.1	
10	Reopening of Pits (10% replacement)	No.	6.38	101.71	648.8	
11	Cost of fertilizers, manures, insecticides and neem cake as proposed	No.	700	20	14,000.0	
.12	Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for protection of resources created; he will apply water, fertilizers and do weeding hoeing.	Days	31.2	445	13,884.0	
13		No.	300	. LS	6,000.0	
14	D			LS	2,000.0	
15	No watering proposed due to non-		e destalación	ow is the	ercenti.	
16				LS	2,500.0	
17		KM	0.5	3,00,000	1,50,000.0	
	Total				3,30,794.2	
-	Contractor Profit 7%				23,155.	
	EPF @13% on 50% of Total amount considering as labour component		32.3		21,501.	

Sr. No.	Particulars of work	Unit	Qty.	Unit Rate (Rs.)	Amount (Rs.)
	ESI @3.25% on 50% of Total amount considering as labour			1246	5,375.4
	Grand Total				3,80,826.9

1	Singling/pruning, training and thining of musquet bushes	На.	1	LS	6,000.0
2	Raising of plants in Nry.	No.	. 168	42.27	7,101.4
2 .	Re-opening of pits	$M^3$	12.76	356	4,542.6
3		No.	154	1.33	204.8
4	Loading and unloading of plants	No.	154	5.59	860.9
6	Carriage of plants  Further carraige of plants by manual labour in hilly area where vehicle etc. connect reach	No.	154	4.44	683.8
7	Planting of saplings	No.	140	17.43	2,440.2
8	Seed sowing	Nos.		LS	4,000.0
9	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients Baskets & Tins etc. (LS)	No.	700	10	7,000.0
10	Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for protection of resources created; he will apply water, fertilizers and do weeding hoeing.	Days	31.2	445	13,884.0
1.1	Grass Seed Casting			LS	1,500.0
	Total				48,217.6
100	Contractor Profit 7%				3,375.2
	EPF @13% on 50% of Total amount considering as labour component				3,134.1
	ESI @3.25% on 50% of Total amount considering as labour component				783.5
	Grand Total				55,510.5

3rd y	ear expenditure at the wage rate of Rs. 4	45/- per da	ay (Replacemen	nt @ 10 perc	cent)
1	Singling/pruning, training and thining of musquet bushes	На.	1	LS	6,000.0
2	Raising of plants in Nry.	No.	84	42.27	3,550.7
2	Re-opening of pits (10%)	$M^3$	6.379	356	2,270.9
3		No.	82.5	1.33	109.7
4	Loading and unloading of plants			5.59	461.2
5	Carriage of plants	No.	82.5	3.39	401.2

Sr.	Particulars of work	Unit	Qty.	Unit Rate (Rs.)	Amount (Rs.)
No. 6	Further carraige of plants by manual labour in hilly area where vehicle etc.	No.	82.5	4.44	366.3
0	connect reach	No.	70	17.43	1,220.1
7.	Planting of seedling  Miscellaneous expenditure for purchase of fertilizer, pesticides,	No.	700	10	7,000.0
9	pruning & thinning etc.  Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for protection of resources created; he will apply water, fertilizers and do weeding	Days	31.2	445	13,884.0
	hoeing.				34,862.9
	Total				2,440.4
	Contractor Profit 7%				2,266.1
	considering as labour component				566.5
	ESI @3.25% on 50% of Total amount considering as labour component				40,135.9
	Grand Total				

" ye	ar expenditure at the wage rate of Rs. 445 Singling/pruning, training and thining	На.		LS	6,000.0
1	of musquet bushes .	No.	84	42.27	3,550.7
1	Designer of plants in Nrv.		6.379	356	2,270.9
2	Re-opening of pits 30 x 0.45m x 0.45m	$M^3$	77	1.33	102.4
3	x 0.45m  Loading and unloading of plants	No.	77	5.59	430.4
4	Carriage of plants by manual	No.	77	4.44	341.9
5	labour in hilly area where vehicle etc.	No.	70	17.43	1,220.1
6 7·	Planting of seedling  Miscellaneous expenditure for purchase of fertilizer, pesticides,	No.	700	10	7,000.0
. 8	pruning & thinning etc.  Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for	Days	31.2	445	13,884.0
	apply water, fertilizers and do weeding hoeing.				34,800.4
	· Total			100	2,436.0
-	Contractor Profit 7%				2,262.0
	EPF @13% on 50% of Total amount considering as labour component				2,202.0

r.	Particulars of work	Unit	Qty.	R	Init Rate Rs.)	Amount (Rs.)
	ESI @3.25% on 50% of Total amount considering as labour					565.5
	component					40,064.0
	Grand Total	-/ 1				2.288
th y	ear expenditure at the wage rate of Rs. 44	5/- per u	ly			4,000,0
1	Misc. Expenditure on cleaning/pruning	L.S				4,000.0
2	Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for protection of resources created; he will apply water, fertilizers and do weeding	Days	31	1.2	445	13,884.0
	hoeing.	*				17,884.0
	Total		1			1,251.9
	Contractor Profit 7%					11(25
	EPF @13% on 50% of Total amount					1,162.5
	considering as labour component					
	ESI @3.25% on 50% of Total					290.6
	amount constant					20,700.0
	component					20,589.0
*	Grand Total  year expenditure at the wage rate of Rs.	445/- per	day			4277
6th	Misc. Expenditure on cleaning/pruning	IC				4,000.0
1	Misc. Expenditure on cleaning promise	L.S				
	Mali cum-Protection watcher: One	ME per				
	parson for every 10 ha will be				al al	12,0010
2	employed to look after and also lot	Days		31.2	445	13,884.0
	hoeing.					17,884.0
	Total					1,251.9
	Contractor Profit 7%				* 1.3	1,2010
	EPF @13% on 50% of Total amount considering as labour component					1,162.5
	ESI @3.25% on 50% of Total amount considering as labour	1				290.6
	component					20,589.0
	Cound Total					20,309.0
-	th year expenditure at the wage rate of R	s. 445/- p	er day			
-	Misc. Expenditure on cleaning/pruning	g L.S				4,000.0
	1 and snacing		HIS TON		- 7	
	Mali-cum-Protection watcher: On					and the second
	person for every 10 ha will be	or -		31.2	1	13,884.
	employed to look after and also for protection of resources created; he will protect to the protection of resources created.	Day	S	31.2		
	apply water, fertilizers and do weeding	ng .			-	
	hoeing.			7		17.004
-	Total					17,884.

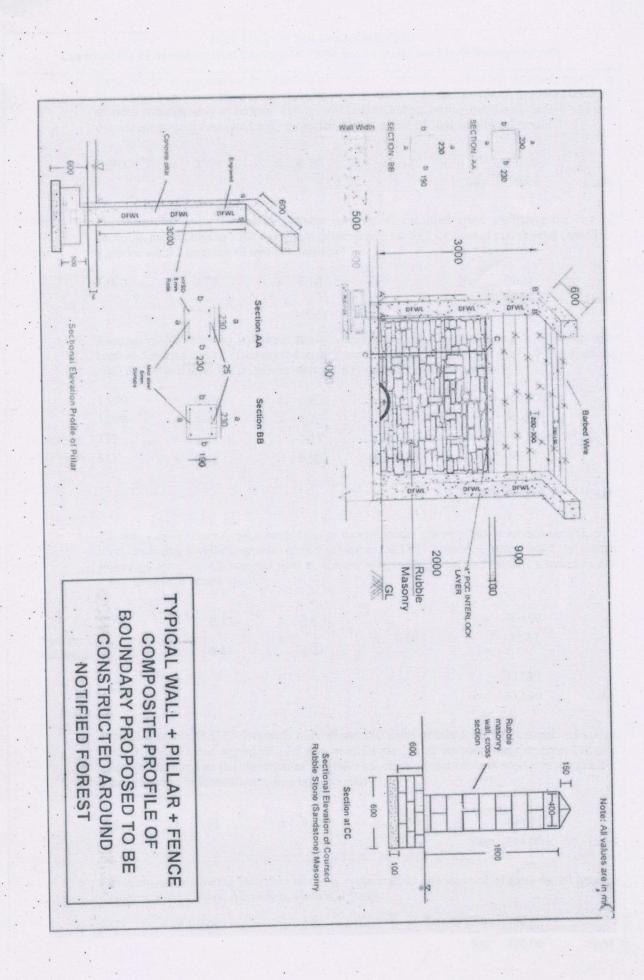
r.	Particulars of work	Unit	Qty.	Unit Rate (Rs.)	Amount (Rs.)
	D - C+ 79/				1,251.9
	Contractor Profit 7%  EPF @13% on 50% of Total amount				1,162.5
	considering as labour component  ESI @3.25% on 50% of Total  amount considering as labour				290.6
	component				20,589.0
•	Grand Total	4451	dow		
th y	year expenditure at the wage rate of Rs.	445/- per (	aay		
1	Misc. Expenditure on cleaning/pruning and spacing	L.S			4,000.0
2	Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for protection of resources created; he will apply water, fertilizers and do weeding	Days	31.2	445	13,884.0
	hoeing.				17,884.0
-	Total	-			1,251.9
	Contractor Profit 7%  EPF @13% on 50% of Total amount				1,162.5
	considering as labour component  ESI @3.25% on 50% of Total amount considering as labour				290.6
	component				.20,589.0
	Grand Total				.20,5071
9th	year expenditure at the wage rate of Rs.	. 445/- per	day		
1	Misc. Expenditure on cleaning/pruning and spacing	L.S		1	4,000.
2	Mali-cum-Protection watcher: One person for every 10 ha will be employed to look after and also for protection of resources created; he will apply water, fertilizers and do weeding	Days	31.2	2 445	13,884.
	hoeing.	1			17,884.
	Total				1,251.
	Contractor Profit 7%				1,231
	EPF @13% on 50% of Total amount considering as labour component	t .		•	1,162
	ESI @3.25% on 50% of Total amount considering as labour	l r			290
	component				20,589
	Grand Total	Do 445/ -	per day		
	Oth year expenditure at the wage rate of Misc. Expenditure on cleaning/pruning	Es. 445/- LS			4,000
	2 and spacing  Mali-cum-Protection watcher: On person for every 10 ha will be employed to look after and also for protection of resources created; he will	Days	s 31	.2 445	13,884

Sr. No.	Particulars of work	Unit	Qty.	Unit Rate (Rs.)	Amount (Rs.)
1,00	apply water, fertilizers and do weeding hoeing.				
					17,884.0
	Total				1,251.9
	Contractor Profit 7%				
•	EPF @13% on 50% of Total amount considering as labour component				1,162.5
	ESI @3.25% on 50% of Total amount considering as labour				290.6
	component				.20,589.0
	Grand Total				

## Annexure – II

467.85     1,87,140       6,215.35     3,72,921       56.6     3,99,879       193.95     41,699	Cum (K.g sqm	215.00	c. and removal of form work for sillall	757
ω ω μ			binding all complete upto pilluli level. Cold twister cars	
		7065.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and	5.22.3
		60.00	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level .1:1.5:3 (1 cement: 1.5)	5.1.2
	2		to be paid separately).  Centering and shuttering including strutting, propping etc. and removal of form for all heights:  Columns Billars Piers Abutments. Posts and Struts	5.9.6
13,114.33		144.00	Supplying at site: R.C.C. Standards posts/struts/rails/ poles of mix 1:1.5:3 (1 cement: 1 5 coarse sand: 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-in- charge (cost of earth works in excavation, concrete works in foundation	16.15.1
78 47 535			including leveling up with cement concrete 1:6:12 (1 cement 6 coarse sand 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement: 6 coarse sand)	A/R
4,505.33 14,95,770	cum 4	332.00	level with: Cement mortar 1:6 (1 cement: 6 coarse sand).	
		199.00	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement: 6 coarse sand: 12 graded stone aggregate 20 mm nominal size) upto plinth	6.1.1
3 965 85 31.68.714			Providing and laying in position cement concrete of specified glade covering and laying in position cement concrete of specified glade covering as shuttering - All work up to plinth level: 1:4:8 (1 Cement: 4 coarse sand (zone-III): 8 graded stone agoregate 40 mm nominal size).	4.1.3
4478.15 3,13,471	Cum 4	70.00 . 0	all kind of soil.	
			trenches or drains (not exceeding 1.5 m width or 10 sqm on plan)) including dressing or sixes are ramming of bottom. lift up to 1.5m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. in	
166.4 81,536	Cum	490.00 C	Earth work in excavation by mechanical means (hydraulic excavator)/ manual means in foundation	2016
		Çığ.	Description of item.	
Rate Amount.	Illi	aryana Aravall	Construction of boundary wall length approx. 1000 Metre on forest land in Haryana Aravalli	

									16.17.1	13.33.2		A/R	DSR- 2016	
Cost Estimate (Rs/RKM)				Less 9.50% enhancement as per order Finance Department.		Add 17.65% prevailing Cost Index issued by CPWD	used.	concrete to be pall for separately.	post, last but one end post and corner post shall be strutted on both sides and end post one side only, post, last but one end post and corner post shall be strutted on both sides and end post one side only, post, last but one end post and corner post shall be strutted on both sides and end post on metres provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres provided with horizontal lines and two diagonals of barbed wire wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, earth work and the post (cost of R.C.C. posts, struts, eart	Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointing Pointing on stone work with cement mortar 1:3(1 cement: 3 fine sand): raised and cut pointing Pointin	the cost of centering, shuttering and finishing 1:2:4(1 centern, 2 companies) size)	Providing and laying cement concrete in formal providing and laying cement concrete in formal providing and laying cement concrete in formal providing and laying cement concrete such that the providing or lacing courses, attracted pilasters, columns piers, abutments, pillers, posts, struts, buttresses, string or lacing courses, attracted pilasters, coping, bed blocks, anchor blocks plain window sills fillets etc. upto floor II level, excluding parapets, coping, bed blocks, anchor blocks plain window sills fillets etc. upto floor II level, excluding parapets, coping, bed blocks, anchor blocks plain window sills fillets etc. upto floor II level, excluding parapets.	Description of recent in retaining walls, return walls, walls (any thickness) including	ABSTRACT OF COST.  Construction of boundary wall length approx. 1000 Metre on forest land in Haryana Aravalli  Oty.  U
		Ac								9,000.00	4138.00		42.00	Qty.
	Add. 1 %	ld. 1 % Qu	Add. 1% (							Metre	sqm		cum	valli Unit
G. Total	Add. 1 % Labour Cess	Add. 1 % Quality Control	Add. 1% Contingencies					Total		8.25	305.7		6,065.56	Rate
₹1,15,17,995	1,11,823	1,11,825	1,11,825	1,11,82,518	11,73,855	1,23,56,373	18,53,719	1,05,02,655		74,250	12,64,987		2,54,754	Amount.



## DETAILS OF MEASUREMENTS.

## Construction of boundary wall length 1000.00 Metre on forest land in Haryana Aravalli.

1	Earth work in excavation by mechanical means (hydraulic excavator)/ manual means in
	foundation trenches or drains (not exceeding 1.5 m width or 10 sqm on plan)) including dressing
	of sides and ramming of bottom. Lift up to 1.5m, including getting out the excavated soil and
	disposal of surplus excavated soil as directed, within a lead of 50m. in all kind of soil

1,000	x 0.70	x 0.70	490.00
			Say 490.00 CuM

2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement: 4 coarse sand (zone-Ill): 8 graded stone aggregate 40 mm nominal size).

1,000	X	0.70	X	0.10		70.00.	
					Say	70.00	CuM

3 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement: 6 coarse sand: 12 graded stone aggregate 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement: 6 coarse sand).

	1,000	X	0.60	X	0.60			360.00
	1,000	X	0.45	X	1.20			540.00
Less for	333	X	0.45	X	0.23	X	1.20	-41.36
Column	333	X	0.60	X	0.60	. X	0.50	-59.94
								798.70
		•			•			Say 799.00 CuM

4 Random rubble masonry with hard stone in superstructure above plinth level and upto floor II level, including levelling up with cement concrete 1:6:12 (1 cement: 6 coarse sand: 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement: 6 coarse sand)

	1,000	x	0.45	x 0.8	X	360.00
Less for Column	333	X	0.45	0.23	x 0.80	-27.57
	Sections in the				Say	332.43 332.00 CuM

Supplying at site: R.C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement: 1.5 comse sand: 3 graded stone aggregate. 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-in- charge (cost of earth works in excavation, concrete works in foundation to be paid separately).

333	x 0.45	X	0.23	x 4.19		144.41	
					Say	144.00	CuM

6 Centering and shuttering including strutting, propping etc. and removal of form for all heights: Columns, Pillars, Piers, Abutments, Posts and Struts

333	x 2.00	x 0.60		399.60	
			Say	400.00	SqM

7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of cantering, shuttering, finishing and reinforcement - All work up to plinth level :1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)										
	-333	X	0.60	x 0	0.60	x 0	.50		59.94		
	333	^	0.00					Say	60.00	CuM	
8	Steel reinfor position and R.C.C. work complete upt	bind	ling all com luding strai	plete upt ghtening	to plinth, cutting,	level. Co	old twis	sted bars S	teel reinforce	ement for	
1.5% of Item No.7	60	X	7,850.00	<b>x</b> 1	1.50%				7,065.00		
								Say	7,065.00	Kg	
9	Centering ar lintels not ex bands, copin	xceed	ding 1.50 m	clear sp	an, moulc	ling as in	etc. and n cornic	removal o	of form work w sills, string	for small g courses,	
	2	X	1000	x (	0.10				200.00		
Less for Column	-666	X	0.23	x (	0.10				15.32		
									215.32		
								Say	215.00	SqM	
10	lacing cours	tache ses, p	ed pilasters, or parapets, copulating the co	columns oing, bed	piers, abu blocks, a entering, s	utments, anchor b shuttering	pillers, locks p	posts, stru lain windo	walls (any ts, buttresses w sills fillets 2:4(1 cement	s, string or setc. upto	
acci.								1			
1,021 - 1,1020	1	X	1000	X	0.45	X	0.1		45.00		
	-333	X	0.23	X	0.45	X	0.1		-3.45		
								Cov	41.55	CUM	
								Say	42.00	COM	
. 11	Pointing on	ston	e work with	cement r	mortar 1 :	3(1 ceme	ent: 3 fi	ne sand): ra	nised and cut	pointing.	
	2	x	1000	. x	2				4,000.00		
Less for	-333	X	0.23	X	1.8				137.86		

4,137.86
Say 4,138.00 SqM

12 Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks,

Column

12 Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R C.C. posts, struts, earth work and concrete to be paid for separately):- Payment to be made per metre cost of total length of barbed wire used.