Full title of the project: Rampur Hydro Electric Project (412 MW).

File No.: FP/HP/HYD/12761/2015

Date of Proposal:

CHECK LIST SERIAL NUMBER-17 SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of 0-83-74 ha of forest area to be diverted for construction of Rampur Hydro Electric Project (412 MW) in Tehsil Rampur.

Details of degraded forest land/non forest land:-

District -

Shimla

Village: - Shandal

Tehsil: -

Rampur Bushahr

Name of Forest Division: -

Rampur Bushahr

Range:- Rampur Range.

Block/Compartment/Survey No. 53 E/11

UF-Shandal

Area to be afforested:

1.6748 ha.

Description of area:-

Whether the site selected for compensatory afforestation is a land bank or not: - Yes.

If the CA site is other than the land bank, reasons be given:ii.

Not applicable.

In case of non forest area identified form A, then what is the distance of CA site from the iii. adjoining forest boundary:- Not applicable

iv. Soil type: -

Clayey loam.

Topography: - a. Hilly/undulating/plain

b. Slope: Steep/Medium/Gentle

Whether the area is bearing any root stock of vegetation: -VI. 3. Plantation Model:-

No.

Copy of the approved compensatory afforestation scheme/model showing component wise physical and financial break up is enclosed.

Schedule of plantation programme:-

Detail of year wise break-up of requirement of funds is as under:-

Year	Area	Rate	Amount	
0 year i.e. year plantation	1.6748 ha.	116600	195282	
1st year maintenance	1.6748 ha.	27840	46626	
2 nd year maintenance	1.6748 ha.	19760		
3rd year maintenance	1.6748 ha.	16100	33094 26964	
4th year maintenance	1.6748 ha.	12600	21103	
5 th year maintenance	1.6748 ha.	13440	22509	
6th year maintenance	1.6748 ha.	14280	23916	
7 th year maintenance	1.6748 ha.	15120	11.00000	
8 th year maintenance	1.6748 ha. 1.6748 ha.	15960 16800	25323 26730	
9th year maintenance				
10th year maintenance	1.6748 ha.	17640	28137	
		Total =	29543 47922 7	
	Departmental ch	83865		
A	Contingency	23961		
	C Total -			

Full title of the project: Rampur Hydro Electric Project (412 MW).

File No.: FP/HP/HYD/12761/2015

Date of Proposal:

CHECK LIST SERIAL NUMBER-17 SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of 0-83-74 ha of forest area to be diverted for construction of Rampur Hydro Electric Project (412 MW) in Tehsil Rampur.

Details of degraded forest land/non forest land:-

District: -

Shimla

Village: - Shandal

Tehsil: -

Rampur Bushahr

Name of Forest Division: -

Rampur Bushahr

Range:- Rampur Range.

Block/Compartment/Survey No. 53 E/11

UF-Shandal

Area to be afforested:

1.6748 ha.

Description of area:-

i. Whether the site selected for compensatory afforestation is a land bank or not: - Yes.

ii. If the CA site is other than the land bank, reasons be given:-

Not applicable.

- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- Not applicable
- iv. Soil type: Clayey loam.
- v. Topography: a. Hilly/undulating/plain

b. Slope: Steep/Medium/Gentle

vi. Whether the area is bearing any root stock of vegetation: -

No.

3. Plantation Model:-

of the approved compensatory afforestation scheme/model showing component wise physical and financial break up is enclosed.

Schedule of plantation programme:-

Detail of year wise break-up of requirement of funds is as under:-

Year	Area	Rate	Amount	
0 year i.e. year plantation	1.6748 ha.	116600	195282	
1st year maintenance	1.6748 ha.	27840	46626	
2 nd year maintenance	1.6748 ha.	19760		
3 rd year maintenance	1.6748 ha.	16100	33094	
4th year maintenance	1.6748 ha.	12600	26964	
5th year maintenance	1.6748 ha.	13440	21103	
6th year maintenance	1.6748 ha.	14280	22509	
7th year maintenance	1.6748 ha.	15120	23916	
8th year maintenance	1.6748 ha.	15960	25323	
9th year maintenance	1.6748 ha.	U-RA-SAURISI	2673	
10 th year maintenance	1.6748 ha.	16800	28137	
	1.0748 na.	17640 Total =	29543	
	Davidore	479227		
	Departmental ch	83865		
	Contingency Charges @ 5%			
		587053		

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- An area of 1.6748 ha. will be taken up for planting under compensatory (a) General Details: afforestation scheme in UF-Shandal in a single compact patch. The area will be protected Barbed wire fencing and a mixture of conifer and broad leaved species will be planted. 1500 plants will be planted per hectare.
- (b) Spacement:-

2.5 mtrs x 2.5 mtr

(c) Species: - Deodar & other broad leave species.

- Plantation Method:-Nursery grown one year old plants (in Polythene bags as well as naked root) (d) will be planted in 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up of failures will be done. The plantation will be rainfed.
- Soil Moisture Conservation Works: Contour trenching will be done over the entire area to (e) conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor soil conservation works like gully plugging, check walls be done where ever required.
- Protection (fencing, Watchman, People's participation etc.):-Area will be protected from grazing (f) by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- Proposed Monitoring Mechanism:- The plantation will be monitored as per existing monitoring (g) mechanism in the forest department. The plantation will also be monitored by GOI representatives as per instructions. The plantation site will be approachable from Lalsa Shandal road.
- Any other information: -(h) Nil.

(Amit Sharma) HPFS Divisional Forest Officer, Rampur Forest Division. Rampur Bushahr.

Divisional Forset Diffice Office Seal

Rammur Bunhahr #1.P.)

SCHEME FOR COMPENSATORY AFFORESTATION IN RESPECT OF DIVERSION OF LAND FOR THE CONSTRUCTION RAMPUR HYDRO ELECTRIC PROJECT (412 MW) WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION, DISTT. SHIMLA H.P

Area proposed for compensatory af	1.6748 ha					
Name of the proposed plantation area Plants to be planted per hectare		UF-Shandal 1500 2512				
Species to be planted Coniferous and other broad live species.						
Particulars of works	Unit cost at wage structure for 2015-16 onwards	Year of execution of works	Cost escalation	Unit cost after applying cost escalation	Total amount	
Irmal cost for raising compensatory afforestation over an area of 1.6748 hectare	106000	2016-17	10%	116600	195282	
1 st year maintenance	23200	2017-18	20%	27840	46626	
2 nd year maintenance	15200	2018-19	30%	19760	33094	
3 rd year maintenance	11500	2019-20	40%	16100	26964	
4 th year maintenance	8400	2020-21	50%	12600	21103	
5 th year maintenance	8400	2021-22	60%	13440	22509	
6 th year maint.	8400	2022-23	70%	14280	23916	
7 th year maint.	8400	2023-24	80%	15120	25323	
8 th year maint.	8400	2024-25	90%	15960	26730	
9 th year maint.	8400	2025-26	100%	16800	28137	
10 th year maint.	8400	2026-27	110%	17640	29543	
				Total =	479227	
Departmental charges @ 17.5%					83865	
Contigencies Charges @ 5%						
				G. Total =	587053	

Divisional Forest Officer
Rampur Forest Division

Rampur Bushahr Divisional Forest Ulfice: Rampur Forest Division Rampur Bushahr (HLP.)

Sr.	Hactare cost norm for model plantation under Compensatory Aff wage rate of Rs. 180/- Particulars of work	0163	tation 1500) plants per hactare with F	RCC fence po
No.			Qty.	Rate in Rs.	
1	Survey and democratical fencing			Mate III Ks.	Amount in
2					
			1hac.	88.70 p/ha.	
4			60 No.	300 each	
			60 Nos	1093%	11
6	Fixing of RCC fence posts including strutting		60 No	786.00%	6
	Carriage of barbed wire over distance of 2 Km		60 No	603 250/	4
			0.90 Qt	147.85 per Qtls per Kms	36
8	Stretching and fixing of Barbed wire in four strands			per Quis per kms	266
9	Preparation of inspection path 60cm width		720 Rmt	4.10 p/Rmtr	
10	Preparation of water retention mounds/trenches		250 Rmt	9.40/Rmtr	2
10	Interlacing of thorny bushes along the fence		LS	0.40/1(1111	2.
\vdash	g remaried		180Rmtr	3.55 p/Rmtr	3(
\vdash	Enhancement due to	Total		5.55 premtr	(
	Enhancement due to increase in wage	e rate		20 400	28785
4 5	l Otal fencing	cost		38.46%	11070.780
1 0	rigging of pits 45x45x45cm				3985
	IIIIII OF DITS 45VAEVAEVAE		1500	007	
0	arnage of plants in post-		1500	827.15%	12407
4 P	lanting of entire plans raised in per bag		1500	236.95%	3554.
			1500	295.45%	8863
110	20x30x5cm for grass sowing along contour		500 strips	189.15%	2842
	g see sowing along contour		Jou sinps	797.40%	398
	T-MEN'S	Total			330
	Enhancement due to increase in wage	rate			31654.4
	Total planting c	coct		38.46%	1217
1 Co	est of barbed wire Material	Jest			
		-	0.00		4382
2 Pol	lythene bags plant		0.90 Qtl.	8500 p/qtl	70-
	a roge picit	-			765
	T	-4-1	1500	10 each	7-0-
	Grand To	otal			15000
	Grand To	ital			15000
1 Re-	digging of pits 45x45x45 cm 1st year maintenance-30% M			Say Rs.	106335
2 Fair	ng of pits 45x45x45cm	Morta			106000
3 JMIAN	Title of not be a si	-	450	413.65%	1000
Plan	ting of grass tuffs/preparation of strips including sowing in strips 30x5cm for grass sowing along contour.	_	450	236.95%	1861.42
100	30-50- for a spreparation of strips including sowing in strips	-	450	189.15%	1066.27
Cam	x30x5cm for grass sowing along contour	20	00 strips	797.40%	851.17
	lage per bags plants distance 2km uphill				1594.8
	of fence		450	295.45%	
Reca	air of inspection path		450	10 each%	2659.05
Moss	s respection path	18	30Rmtr	1.35p/rmt	4500
1	ture conservation works		LS	1.00pmill	243
Eath			LS		1000
Cinc	ncement due to increase in wage rate Tota	11			1500
+	V - 10.0			39 4004	15275.7
_	G. Total	1		38.46%	5875.0
	Add 10% increase each year	r			21150.7
					2115.1
					23265.77
	and of his 45-45-45 2nd year maintenance 20% M	ortalit	7/	Or say	23200
Re-dig			00		20200
_	2nd year maintenance-20% Mo of pits 45x45x45 cm	0		413.65%	1240.95
Planon	III DIS 45x45x45cm			236 050/	
Planon	III DIS 45x45x45cm	30		236.95%	710 00
Plantin Carria;	g of per bag plants	30	00	189.15%	710.85
Plantin Carriag Nursen	of per bag plants ge per bags plants distance 2km uphill y cost plants	30 30 30	00	189.15%	567.45
Plantin Carriag Nursen Repair	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence	30 30 300	00 00 no.	189.15% 295.45%	567.45 1772.7
Planon Carriag Nursen Repair Repair	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence	300 300 180F	00 00 no.	189.15% 295.45% 10 each%	567.45 1772.7 3000
Planon Carriag Nursen Repair Repair	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45%	567.45 1772.7 3000 243
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works	300 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each%	567.45 1772.7 3000 243 1000
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each%	567.45 1772.7 3000 243 1000 1500
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path te conservation works ement due to increase in wage rate Total	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each% 1.35p/Rmt	567.45 1772.7 3000 243 1000 1500 10034.95
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works Total	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each%	567.45 1772.7 3000 243 1000 1500
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works Total	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each% 1.35p/Rmt	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path te conservation works ement due to increase in wage rate Total	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each% 1.35p/Rmt	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39
Plantin Carriag Nursen Repair Repair Moistur	of per bag plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path te conservation works Total Add 10% increase each year	30 30 300 180F	00 00 no. Rmtr	189.15% 295.45% 10 each% 1.35p/Rmt	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39 1389.43
Plantin Carriag Nurser Repair Repair Moistur	of per bags plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path te conservation works ement due to increase in wage rate G. Total Add 10% increase each year Total	30 30 300 180F L	00 00 no. Rmtr S	189.15% 295.45% 10 each% 1.35p/Rmt	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39 1389.43 15283.82
Plantin Carriag Nurser Repair Repair Moistun Enhano	of per bags plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works ement due to increase in wage rate G. Total Add 10% increase each year Total	30 30 300 180F L	00 00 no. Rmtr S	189.15% 295.45% 10 each% 1.35p/Rmt	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39 1389.43
Plantin Camas Murser Repair Repair Moistun Enhance	of per bags plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works ement due to increase in wage rate G. Total Add 10% increase each year Total Total Add 10% increase and year Total Total Add 10% increase and year Total Total Total Add 10% increase and year Total Total	30 30 300 180F L:	00 00 no. Rmtr S S	189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39 1389.43 15283.82
Plantin Camas Murser Repair Repair Moistun Enhance	of per bags plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works ement due to increase in wage rate G. Total Add 10% increase each year Total Total Add 10% increase and year Total Total Add 10% increase and year Total Total Total Add 10% increase and year Total Total	30 30 300 180F L:	00 00 no. Rmtr S S	189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39 1389.43 15283.82 15200
Plantin Carriag Nurser Repair Repair Moistur Enhance	of per bags plants ge per bags plants distance 2km uphill y cost plants of fence of inspection path e conservation works ement due to increase in wage rate G. Total Add 10% increase each year Total	30 30 300 180F L:	00 00 no. Rmtr S S	189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say	567.45 1772.7 3000 243 1000 1500 10034.95 3859.44 13894.39 1389.43 15283.82

0	articulars of work	Qty.	Rate in Rs.	Amount in Rs.
_	Miles and the Control of the Control	225	295.45%	1329.52
1 C	arriage per bags plants distance 2km uphill	225	10 each%	2250
N	urcent cost plants		1.35p/Rmt	270
R	epair of ferice	200 Rmtr	1.33p/Kiiii	600
R	Repair of inspection path	L S LS		1200
N	foisture conservation works	LS		7538.94
	Total		38.46%	2899.48
E	nhancement due to increase in wage rate		30.40%	10438.42
	G. Total			10438.42
	Add 10% increase each year			
_				11482.26
-			Or say	11500
	4th year maintenance-10% Mort	tality		7
F	Re-digging of pits 45x45x45 cm	150	413.65%	620.47
1	Filling of pits 45x45x45cm	150	236.95%	355.42
		150	189.15%	283.72
F	Planting of per bag plants	150	295.45%	886.38
	Carriage per bags plants distance 2km uphill	150 Nos.	10 each%	1500
	Nursery cost plants	200 Rmtr	1.35p/Rmt	270
	Repair of ferice		1.30p/Min	400
1	Repair of inspection path	LS		1200
	Moisture conservation works	LS		
	Total			5515.9
	Enhancement due to increase in wage rate		38.46%	2121.4
	ETHIRD SERVICE			7637.3
-	Add 10% increase each year			763.7
	Add 10 /6 morease each year			8401.0
			Orsay	840
	400/ M-	and the	01 347	
	5th year maintenance-10% Mor	tality	413.65%	620.4
1	Re-digging of pits 45x45x45 cm	150		355.4
2	Filling of pits 45x45x45cm	150	236.95%	
	Planting of per bag plants	150	189.15%	283.7
5	Carriage per bags plants distance 2km uphill	150	295.45%	886.3
	Nursery cost plants	150 Nos	10 each%	150
		200 Rmtr	1.35p/Rmt	27
	Repair of fence	LS		40
	Repair of inspection path	LS		120
8	Moisture conservation works	Lo		5515.9
	Total		38.46%	2121.4
	Enhancement due to increase in wage rate		30.4070	7637.3
				763.7
	Add 10% increase each year			
				8401.0
	7		Orsay	840
_				
	6th year maintenance-10% Mo	rtality	446,650	620
1		150	413.65%	
1 2	Re-digging of pits 45x45x45 cm	150 150	236.95%	355.
1 2	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm	150 150 150	236 95% 189 15%	355. 283.
4	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants	150 150	236.95%	355. 283. 886.
4	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill	150 150 150 150	236 95% 189 15%	355. 283. 886. 15
4 5 6	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants	150 150 150 150 150 Nos.	236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15
4	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence	150 150 150 150 150 Nos. 200 Rmtr	236.95% 189.15% 295.45%	355. 283. 886. 15
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Ptanting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path	150 150 150 150 150 Nos 200 Rmtr L S	236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15 2
4 5 6	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15 2 4
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Ptanting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt	355. 283. 886. 15 2 4 12 5515.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15 2 4 12 5515.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bags plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt	355. 283. 886. 15 2 4 12 5515. 2121.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bags plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt	355. 283. 886. 15 2 4 12 5515. 2121. 7637.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bags plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt	355. 283. 886. 15 2 4 12 5515. 2121. 7637.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bags plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt	620 355 283. 886. 15 2 4 12 5515. 2121. 7637. 763. 8401.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bags plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt	355. 283. 886 15 2 4 12 5515. 2121. 7637. 763
4 5 6 7	Re-digging of pits 45x45x45cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46%	355. 283. 886 15 2 4 12 5515. 2121. 7637. 763. 8401.
4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea 7th year maintenance-10% Me Re-digging of pits 45x45x45 cm	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say	355. 283. 886. 15 2 4 12 5515. 2121. 7637. 763. 8401. 84
4 5 6 7 7 8	Re-digging of pits 45x45x45cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say	355. 283. 886. 15 2 4 12 5515. 2121, 7637. 763. 8401. 84
4 5 6 7 7 8	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea 7th year maintenance-10% Moisture of pits 45x45x45 cm Filling of pits 45x45x45cm	150 150 150 150 150 Nos. 200 Rmtr L S LS I	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say 413.65% 236.95% 189.15%	355. 283. 886. 15 2 4 12 5515. 2121. 7637. 763. 8401. 84
4 5 6 7 7 8	Re-digging of pits 45x45x45cm Planting of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea 7th year maintenance-10% Moisture of pits 45x45x45cm Filling of pits 45x45x45cm Planting of per bag plants	150 150 150 150 150 Nos. 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say	355. 283. 886. 15 22 4 12 5515. 2121. 7637. 7638. 8401. 84
4 5 6 7 7 8 1 2 4 5	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea 7th year maintenance-10% Mo Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill	150 150 150 150 150 Nos. 200 Rmtr L S LS I	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say 413.65% 236.95% 189.15%	355. 283. 886. 15 22 4 12 5515. 2121. 7637. 7638. 8401. 84 620 355. 283. 886.
4 5 6 7 7 8 1 2 4 5 6	Re-digging of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea **Re-digging of pits 45x45x45 cm** Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants	150 150 150 150 150 Nos 200 Rmtr L S LS II	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say 413.65% 236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15 22 4 12 5515. 2121. 7637. 7638. 8401. 84 620 355. 283. 886.
4 5 6 7 7 8 8	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea Add 10% increase each yea Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence	150 150 150 150 150 Nos 200 Rmtr L S LS II rr ortality 150 150 150 150 150 150 Nos 200 Rmtr	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say 413.65% 236.95% 189.15% 295.45%	355. 283. 886. 15 2 4 12 5515. 2121. 7637. 763. 8401. 84 620 355 283 886
4 5 6 7 7 8	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea Add 10% increase each yea Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path	150 150 150 150 150 Nos 200 Rmtr L S LS II r r ortality 150 150 150 150 150 150 150 150	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say 413.65% 236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15 2 4 12 5515. 2121. 7637. 763. 8401. 84
4 5 6 7 7 8 1 2 4 5 6 7	Re-digging of pits 45x45x45 cm Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence Repair of inspection path Moisture conservation works Tota Enhancement due to increase in wage rate Add 10% increase each yea Add 10% increase each yea Filling of pits 45x45x45cm Planting of per bag plants Carriage per bags plants distance 2km uphill Nursery cost plants Repair of fence	150 150 150 150 150 Nos 200 Rmtr L S LS II rr 150 150 150 150 150 150 Nos 200 Rmtr L S LS	236.95% 189.15% 295.45% 10 each% 1.35p/Rmt 38.46% Or say 413.65% 236.95% 189.15% 295.45% 10 each%	355. 283. 886. 15 2 4 12 5515. 2121. 7637. 763. 8401. 84 620 355 283 886

Sr.	Particulars of work			416
No.	TO CONTRACT CONTRACT AND A CONTRACT CON	Qty.	Rate in Rs.	Amount in Rs.
				7637.3
	Add 10% increase each year	r		763.7
				8401.0
			Orsay	840
	Others			
1	Re-digging of pits 45x45x45 cm 8th year maintenance-10% Mo	The state of the s		
2	Filling of pits 45x45x45cm	150	413.65%	620.47
4	Planting of per bag plants	150	236.95%	355.42
5	Carriage per bags plants distance 2km uphill	150	189.15%	283.72
6	Nursery cost plants	150	295.45%	886.35
7	Repair of fence	150 Nos	10 each%	1500
7	Repair of inspection path	200 Rmtr	1.35p/Rmt	270
8	Moisture conservation works	LS		400
		LS		1200
	Ephanomant due to le			5515.96
_	Enhancement due to increase in wage rate		38.46%	2121.44
_				7637.39
	Add 10% increase each year			763.73
_				
			Or say	8401.00
			Orsay	8400
	9th year maintenance-10% Mor	rtality		
1	Re-digging of pits 45x45x45 cm	150	413.65%	200 17
2	Filling of pits 45x45x45cm	150		620.47
4	Planting of per bag plants	150	236.95%	355.42
5	Carriage per bags plants distance 2km uphill	150	189.15%	283.72
6	Nursery cost plants	150 Nos.	295.45%	886.35
	Repair of fence		10 each%	1500
7	Repair of inspection path	200 Rmtr	1.35p/Rmt	270
8	Moisture conservation works	LS		400
		LS		1200
	Enhancement due to increase in wage rate			5515.96
	a document mayor rate		38.46%	2121.44
	AJJ 400/ 1			7637.39
	Add 10% increase each year			763.73
				8401.00
			Or say	8400
	10th year maintenant 100/ 3			
1 F	Re-digging of pits 45x45x45 cm	_	440.000	
2 F	illing of pits 45x45x45cm	150 150	413.65%	620.47
4 F	Planting of per bag plants		236.95%	355.42
5 (Carriage per cogs plants distance 2km uphill	150	189,15%	283.72
6 1	Jursen, cost plants	150	295.45%	886.35
	Renair of fence	150 Nos.	.10 each%	1500
	Repair of inspection path	200 Rmtr	1.35p/Rmt	270
8 N	Moisture conservation works	LS		400
		LS		1200
F	nhancement due to increase in wage rate			5515.96
-	Mage 1916		38.46%	2121.44
-				7637.39
	Add 10% increase each year			763.73
				8401.00
			Or say	8401.00

Divisional Forest Officer, Rampur Forest Division, Rampur Bushahr, H.P. Divisional Forest Division Rampur Bushahr (LP.)