





2021-22

Drinking Water

OPELIP

Odisha PVTG Empowerment Livelihood Improvement Programme

Location Map of PVTG Habitation of Odisha Government of Odisha. Jharkhand West Bengal Chhattisgarh Bay of Bengal KKDA Lanjigath DKDA PARSALI Andhra Pradesh Legend MPA Location Existing MPA New MPA Other District Existing MPA District New Districts



OPELIP

ODISHA PVTG EMPOWERMENT & LIVELIHOODS IMPROVEMENT, PROGRAMME (ST & SC Development Department)
Govt, of Odisha

Letter No.



Programme Management Unit

001

TDCCOL Building, 2nd Floor, Bhoi Nagar, Bhubaneswar, Tel: (91) 674 – 2542709 Tele-fax: 2541772, Email: <u>support a opelip.org</u>

12.50-61

From

Shri. P Arthanari, IFS Programme Director, OPELIP

To

The Special Officers, 17 MPAs

Regarding tentative model estimate of Bore well (8" & 5") Project. Sub:

Sir,

With reference to the subject cited above, I am to intimate that the digging of bore preference to the Market price. A maximum 10% deviation may be allowed keeping in view of wells have been implemented in several schemes under CCD, SCA to TSS, CBM component for prepared taking actual depth of excavation and length of casing pipe used referring to the tentative model estimate. In this case, the pipe rate pertaining to EPM rate may be given extra lead, manual head load and structural requirement as per the site condition while drinking water and irrigation projects under OPELIP. In this regard, tentative estimate for 8" and 5" diameter bore well has been enclosed. As per the field situation, estimate should be executing the aforementioned projects.

00

You are therefore intimated to inform the person concerned to follow the above instructions strictly.

Enclosure: As above

Yours faithfully,

Programme Director

63	
44	
~	
200	
-	
0	
63	
_	
-	
_	
-	
9	
_	
-	
67	
-	
-	
-	
100	
-	
9	
-	
in.	
-	
-	
1	
-	
>	
- 63	
-	
-	
- 00	
-	
-	
ELC.	
-	
ಾಯ	
100	
.20	
ggi	
iggi	
iggi	
Diggi	
Diggi	
f Diggi	
of Diggi	
of Diggi	
e of Diggi	
te of Diggi	
ate of Diggi	
nate of Diggi	
nate of Diggi	
mate of Diggi	
timate of Diggi	
stimate of Diggi	
stimate of Diggi	
Estimate of Diggi	
Estimate of Diggi	
I Estimate of Diggi	
d Estimate of Diggi	
ed Estimate of Diggi	
led Estimate of Diggi	
iled Estimate of Diggi	
ailed Estimate of Diggi	
tailed Estimate of Diggi	
etailed Estimate of Diggi	
etailed Estimate of Diggi	
Detailed Estimate of Diggi	
Detailed Estimate of Diggi	
Detailed Estimate of Diggi	
Detailed Estimate of Diggi	

Unit

Qnty

no.							
-	SINKING OF 125 X100mm TUBE WELL.: Lobuor for drilling a perfectly vertical bore hole of specified diameter for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rig or combination drilling rig as required to suit to the site condition as per the direction of the Engineer-in-charge including use of own rig with its accessories,tools and plant and consumable etc. For lowering of 125mm/100mm dia PVC / GI pipes for housing,fitted with socket and with or without well screen as per the necessity for soft-medium hard, and bolder formation GI/PVC casing pipes if required to prevent collapse of over burden including lowering and withdrawing after completing of the tube well.						
2	(i)Drilling of 125mm dia bore Lowering of the following size G.I/ PVC pipes with or without slotted pipes as per the necessity from ground level up to 30mtr. depth and fitted and fixed up in perfectly vertical position including cutting threading pipe and slotted pipe and supplying and fixing all jointing materials.tools and plant etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign materials from the above.	70.00	mt	520.77	82	36453.84	
	(i)Lowering of 125mm dia PVC pipe 0 to 60 mtr & above.	40.00	mtr	94.20	Rs	3768.00	
m	Cleaning and developing the tube wells with their own compressor continuosly worked till clear & adequate discharge is obtained from the tube well including supply and use of all necessary equipment and labour as per the direction of the Engineer-in-charge.						
		a	00	2827.15		2827.15	1
	GST 18%				Rs Rs	50797.80	
4	Cost of 125mm dia schedule-80 PVC casing pipe of reputed manufacture approve by Govt. of Odisha GST 18% on casing pipe	40.00	the state of the s	1082.20	8 8	43288.00	
	Grand Total				Rs	101877.64	
				Say	Rs	100000	

Jan X

100000

Lange of the

ANALYSIS OF RATES. SINKING OF 125 MM X 100MM SIZE PRODUCTION WELL THROUGH D.T.H OR COMBINATION DRILLING RIGS IN HARD ROCK AREAS WITH PVC /GI CASING PIPES (page 223)

1 Transport

Amount

Quantity bore hole of specified diameter for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rig or combination drilling rig or combination drilling rig as required to suit to the site condition as per the direction of the Engineer-in-charge including use of own rig with its accessories, tools and plant and consumable etc. For lowering of 125mm/100mm dia PVC / GI pipes for housing, fitted with socket and with or without well screen as per the necessity for soft, medium hard, and holder formation GI/PVC casing pipes If required to prevent collapse of over burden including lowering burden including lowering and withdrawing after completing of the tube SINO

10

000

A. Labour for drilling of 125 X100 mm dia bore 00 to 60mtr and above Y

000

Considering 6 hours required for drilling of 125X 100 mm dia.from 00 to 30mtr	drilling of 125X 100	mm dia.fr	om 00 to 30mtr	
a.Rig Driller	0.75	Each	458.00	343.50
b.Asst driller	0.75	Each	398.00	298.50
c. Khallasi /Mate	63	Each	348.00	1044.00
Rate per meter			Total=	1686.00

000

000

B

Ye)

14549.40 727.47 15276.87 Total= Fuel & Lubricant for 0 to 60Mtr and above of Drilling
HSD Requirement for 6 hours of drilling for both compressor and power pack
180 Ltrs 80.83 Add 5% for Lubricant

Hire charge of the DTH /Combination Rig a

Maintenance Cost	Each 458.00 458.00 Bach 348.00 348.00 Total= 806.00 R 100.75 G.Total= 100.75	۱ ا	Per mtr 520.77
ration & Maintenance Cost ler per 1 Hour charge		00.68+562.5+	
Ope Dril Hel For Sun	Operation & Maintenance Cost Driller Helper For 1 Hour	Surcharge	Rate per Meter

The state of the s

perfectly vertical position including cutting threading pipe and slotted pipe and supplying and fixing all jointing materials, tools and plant etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign materials from the above. Lowering of the following size G.J./ PVC pipes with or without slotted pipes as per the necessity from ground level up to 30mtr. depth and fitted and fixed up in

Assistance in the second of th	0.125 0.125 0.125 0.5 0.5 h compressor 30	Each Each Each Fand powe	458.00 3398.00 348.00 Total= r pack 80.83	57.25 49.75 174.00 281.00
eveloping the tube wells compressor continuosly ar & adequate discharge is the tube well including of all necessary equipment per the direction of the arrge.	30mtr		Totale Gatotal Gatotal per mtr	121.25 2546.15 2827.15 94.24 94.20
Labour Charge Considering Thours required for Cleaning and developing the tube wells a.Rig Driller b.Asst driller 0.125 Each 398.0 c. Khallasi /Mate	nd developir 0.125 0.125 0.5	ng the tube Each Each Each	458.00 398.00 348.00	57.25 49.75 174.00
Rate per meter Fuel & Lubricant developing HSD Requirement for 1 hours of drilling for both compressor and power pack 30 Ltrs 80.8	compressor	and power	Total= r pack 80.83	281.00
Add 5% for Lubricant			Total= G.total=	121.25 2546.15 2827.15

Item of work No L B H					
	Quty	Unit	Rate		Amount
SINKING OF 200 X150mm TUBE WELL :-					
Lobuor for drilling a perfectly vertical bore hole of 200X150mm dia for a specified depth below ground level through consolidated and unconsolidated rock with sophisticated drilling rig.					
(i)Drilling of 200mm dia bore 0 mtr to 75 mtr & above Lowering of the following 200mm dia G.I/ PVC pipes with or without slotted pipes as per the necessity	70.00	mtr	684.46 Rs.	Rs.	47911.97
(i)Lowering of 200mm dia PVC pipe 0 to 60 mtr & above	36.00	mtr	159.06 Rs	Be	5726.18
Cleaning and developing the tube wells with their own compressor continuosly worked till clear & adequate discharge is obtained from the tube well.	1.00	00	5828.29		5828.29
Total Drilling and Lowering cost GST 18%				Rs.	59466.44
				Re	
Cost of 200mm dia PVC casing pipe of reputed manufacture approve by 36.00	36.00	mtr	1650.00		59400.00
				Rs.	
GST 18% on Casing Pipe				Rs.	10692.00
Grand Total: '				Re	140262.40

The state of the s

Lynn X

100000

2000000

ANALYSIS OF RATES

SINKING OF 200 MM X 150MM SIZE PRODUCTION WELL THROUGH D.T.H OR COMBINATION DRILLING RIGS IN HARD ROCK AREAS WITH PVC /GI CASING PIPES (page 219)

Rate

SI No	Description	Quantity	Unit
hold hold hold hold hold hold han as a sa can be han as a can be han a can be han be can be c	Lobuor for drilling a perfectly vertical bore hole of specified diameter for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rigo accombination drilling rig as required to suit to the site condition as per the direction of the Engineer-in-charge including use of own rig with its accessories, tools and plant and consumable etc. For lowering of 200mm/150mm dia PVC / GI pipes for housing, fitted with socket and with or without well screen as per the necessity for soft, medium hard, and bolder formation GI/PVC casing pipes if required to prevent collapse of over burden including lowering and withdrawing after completing of		

A A. Labour for drilling of 200mm dia bore 00 to 30mtr

rilling of 200mm dia.from 00 to 30n 0.3 Each 2 Each 2 Each
rilling of 200mm dia.fro 0.3 0.3 2
-

B B. Labour for drilling of 150mm dia bore 30 to 150mtr

ത്തെര

	343.50	298.50	1566.00	2208.00		59005.90	61956.20	458.00	348.00	806.00	2346.97	102668.52	684.46
mtr	458.00	398.00	348.00	Total=		80.83	Total=	458.00	348.00	Total= 8	G.Total= 220.31+75 8	A+B+C+D	Per mtr
om 30 to 150	Each	Each	Each		nd power pack	Ltrs		Each	Each		1200.91+750+100.75+220.31+75 X 8 8		
150mm dia.fr	0.75	0.75	4.0		compressora	730		1	-	806.00	1200.91+7		
Labour Charge Considering 10 hours required for drilling of 150mm dia.from 30 to 150mtr	a.Kig Driller	c. Khallasi /Mate	Rate nor motor	mare her merer	Fuel & Lubricant for 0 to 150Mtr of Drilling HSD Requirement for 14 hours of drilling for both compressor and power pack	Add 5% for Lubricant	Hire charge of the DTH /Combination Rig Operation & Maintenance Cost	Driller	Jadian	For I Hour	Surcharge	The state of the s	vare per meter
					0		Q						

New All

The state of the s

6466.40 323.32 6789.72 7157.72 159.06 159.06 57.25 49.75 261.00 368.00 4849.80 242.49 5092.29 5828.29 114.50 99.50 522.00 736.00 458.00 398.00 348.00 Total= Total= G.total G.total per mtr 458.00 398.00 348.00 80.83 Total= C.total= Total= 80.83 Fuel & Lubricant for 0 to 45Mtr of And Above Lowering
HSD Requirement for 1 hours of drilling for both compressor and power pack

80 Ltrs Considering 2 hours required for Cleaning and developing the tube wells a.Rig Driller 0.25 Each b.Asst driller 0.25 Each c. Khallasi /Mate 1.5 Each Rate per meter Fuel & Lubricant developing HSD Requirement for 2 hours of drilling for both compressor and power pack 60 Ltrs Each Each Each A. Labour for Lowering of 200mm dia PVC/GI Casing pipe Labour Charge
Considering 1 hours required for lowering casing pipe
a.Rig Driller
b.Asst driller
c. Khallasi /Mate
0.75 45 mtr position including cutting threading pipe and slotted pipe and supplying and fixing all jointing materials, tools and plant etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign materials from the above. their own compressor continuosly worked till clear & adequate discharge is obtained from Cleaning and developing the tube wells with the tube well including supply and use of all necessary equipment and labour as per the direction of the Engineer-in-charge.

A. Labour for developing of tube well Add 5% for Lubricant Add 5% for Lubricant Detail for 45mtr Rate per meter Rate per meter Labour Charge 8 m

000

00

00

000

00

Lowering of the following size G.1/ PVC pipes with or without slotted pipes as per the necessity from ground level up to 30mtr. depth and fitted and fixed up in perfectly vertical

00

700

000

00



OPELIP

ODISHA PVTG EMPOWERMENT & LIVELIHOODS IMPROVEMENT PROGRAMME (ST & SC Development Department)
Govt, of Odisha



TDCCOL Building, 2nd Floor, Bhoi Nagar, Bhubaneswar, Tel; (91) 674 – 2542709 -fax; 2541772, Email; support d opelip org Programme Management Unit

File:314/2020 01-02-2021 Tele-fax:

Date:

Letter No.

From

Programme Director, OPELIP Shri. P Arthanari, IFS

To

The Special Officers, 17 MPAs

Regarding tentative model estimate for Gravity fed Drinking water supply project. Sub:

Sir,

water supply projects have been proposed to be initiated under different components of A maximum 10% deviation may be allowed keeping in view of extra lead, manual head load and structural requirement as per the site condition while executing the aforementioned With reference to the subject cited above, I am to intimate that the gravity fed drinking Confidence building measures/CCD/SCA to TSS. In this regard, estimate, model plan/drawing, tentative lead and Analysis of Rate have been enclosed for Gravity Fed drinking water project. In this case, the pipe rate pertaining to EPM rate may be given preference to the Market price. projects.

00

You are therefore intimated to inform the person concerned to follow the above instructions strictly.

Enclosure: As above

Yours faithfully,

Programme Director

				For 63mm M 40mm Distrib		For 50mm M 32mm Distril		Beneficiary Contribution
Sl. No.	Particulars	U	nit	Unit cost (Rs.)	Amount (Rs.)	Unit cost (Rs.)	Amount (Rs.)	Amount (Rs.)
	Earth work in excavation of foundation in hard soil with initial lead and lift.	866	cum	158.93				137,671.38
	Filling in foundation & plinth with excavated materials including well watering and ramming as per the direction of the Engineer-in-Charge	866	cum	88.29				76,484.10
3	Cost of pipes and fittings (Annexure-	1)						
	63mm HDPE Pipes PE 80, PN 8.0	1250	Rmt	120.31	150391.00	1		
	40mm HDPE Pipes PE 80, PN 8.0	675	Rmt	48.86	32983.07			80
	50mm HDPE Pipes PE 80, PN 8.0	1250	Rmt			75.43	94282.00	
	32mm HDPE Pipes PE 80, PN 8.0	675	Rmt			31.10	20995.74	
	Special Fittings			LS	18337.41	LS	11527.77	
4	Cost of Plumber			LS	37537.50	LS	37537.50	Control -
5	Cost of Collection Chamber	1	No	11000.00	11000.00	11000.00	11000.00	
6	Cost of Filtration Chamber	1	No	45000.00	45000.00	45000.00	45000.00	
7	Cost of 5000ltr Water Tank	5000	Ltr.	7.50	37500.00	7.50	37500.00	
8	Cost of Distribution tank base	1	No	20000.00	20000.00	20000.00	20000.00	
9	Cost of standpost (Annexure-II)	30	Nos.	1200.00	36000.00	1200.00	36000.00	
10	Transportation Cost			LS	6000.00	LS	6000.00	
11	Displayboard and contigency			LS	2000.00	LS	2000.00	
12	Add 1% Cess			LS	3967.49	LS	3218.43	
				G.Total	400716.46	G.Total	325061.44	214,155.48
			-				00 4000 00	

Or Say

400000.00

Programme Director PMU, OPELIP ST & SC Dev. Deptt. Govt. of Odisha

325000.00



214,000.00

ABSTRACT OF ESTIMATE FOR GRAVITY BASED HOUSE HOLD DRINKING WATER SUPPLY

		1 %		For 63mm M 40mm Distr	Main Line & ibution Line	For 50mm ! 32mm Distr		Beneficiary contribution
Sl. No.	Particulars	ι	Init	Unit cost (Rs.)	Amount (Rs.)	Unit cost (Rs.)	Amount (Rs.)	Amount (Rs.)
1	Earth work in excavation of foundation in hard soil with initial lead and lift.	563	cum	158.93				89,397.00
2	Filling in foundation & plinth with excavated materials including well watering and ramming as per the direction of the Engineer-in-Charge	563	cum	88.29				
1	Cost of pipes and fittings (Annexure	-1)						49,665.00
	63mm HDPE Pipes PE 80, PN 8.0		Rmt	186.32	167689.80			
	40mm HDPE Pipes PE 80, PN 8.0	350	Rmt	76.46	26762.40			
	50mm HDPE Pipes PE 80, PN 8.0	900	Rmt			119.77	107793.00	
	32mm HDPE Pipes PE 80, PN 8.0	350	Rmt			49.09	17180.80	-
	Special Fittings			LS	19445.22	LS	12497.38	
2	Cost of Plumber			LS	25000.00	LS	25000.00	
3	Cost of Collection Chamber	1	No	11000.00	11000.00	11000.00	11000.00	
4	Cost of Filtration Chamber	1	No	45000.00	45000.00	45000.00	45000.00	
5	Cost of 5000ltr Water Tank	5000	Ltr.	7.50	37500.00	7.50	37500.00	
6	Cost of Distribution tank base	1	No	20000.00	20000.00	20000.00	20000.00	
7	Cost of standpost (Annexure-II)	30	Nos.	1200.00	36000.00	1200.00	36000.00	
8	Transportation Cost			LS	6000.00	LS	6000.00	
9	Displayboard and contigency			LS	2000.00	· LS	2000.00	
10	Add 1% Cess			LS	3963.97	LS	3199.71	
				G.Total	400361.39	G.Total	323170.89	139,062.00
				Or Say	400000.00		323000.00	139000.00

Programme Director
PMU, OPELIP
ST & SC Dev. Deptt.
Govt. of Odisha

Kent

0	Ţ
	ė
	=
	2
	9
	2
	n
k	K

Annexure-I	kure-I			
SI No	Item	EPM rate	add 18% GST	Total
	1 63mm HDPE Pipes PE 80, PN 8.0	101.96	18.35	120.31
	2 40mm HDPE Pipes PE 80, PN 8.0	41.41	7.45	48.86
	3 50mm HDPE Pipes PE 80, PN 8.0	63.92	11.51	75.43
	4 32mm HDPE Pipes PE 80, PN 8.0	26.36	4.74	31.10

SI No	Item	Market rate	Market rate add 18% GST	Total
	1 63mm HDPE Pipes PE 80, PN 8.0	157.90	28.42	186.32
	2 40mm HDPE Pipes PE 80, PN 8.0	64.8	11.66	76.46
	3 50mm HDPE Pipes PE 80, PN 8.0	101.5	18.27	119.77
	4 32mm HDPE Pipes PE 80, PN 8.0	41.6	7.49	49.09



		NO	STRUCTI	ON OF	COLL	ECTI	CONSTRUCTION OF COLLECTION CHAMBER	3ER				
	No.		7		×		Q	-	Total	Ur	Unit	Amount
Earthwork excavation in hard soil within initial lead and lift including rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.30 Mt. in depth etc. complete for 100 Cum.	kin hard aking cloo .30 Mt in	soil ls to dep	within ir maximun th etc. con	itial le 1 5 cm t nplete fo	ad and to 7 cm or 100	and Cum.	ncluding laying in					
	1 ×	×	1.60	×	m x 1.60 m	E	0.95 = Net Qnty = @ Rs.	11 11 95	2.43 Cum 2.43 Cum 158.93 Cum Rs.	Cum	Rs.	387.00
2] Sand filling in foundation & Plinth, including watering and hand ramming etc. complete (For 100 Cum)	ion & Pli	nth,	including	waterin	g and l	and r	amming					
	-	*	1.60	× H	1.60	E	0.10 = Net Qnty = @ Rs.	11 11 93	0.26 Cum 0.26 Cum 454.93 Cum	Cum	Rs.	116.00
3] Cement Concrete (1:4:8) using 40 mm size hbg metal including all cost, carriage, royalty etc. complete.	:8) using omplete.	40	mm size	hbg mel	tal incl	uding	all cost,					
	-	×	1.60	×	тх 1.60 ш	E	0.10 = Net Qnty = @ Rs.	11 11 23	0.26 Cum 0.26 Cum 3530.52 Cum	Cum	Rs.	904.00
4] RRHG Stone masonary with cement mortar (1:6) in foundation and plinth including all cost, conveyance & royalty etc. complete.	y with cer	nent roy	mortar (1:6) in formplete.	oundat	ion ar	nd plinth					
	7 7	× ×	1.60	× × E E	0.30	EE	1.000 = 1.000 = Net Qnty = @ Rs.	11 11 11 19	0.960 Cum 0.600 Cum 1.56 Cum 2908.60 Cum	Cum	Rs.	4537.00
 R.C.C (1:1.5:3) using 12mm size cbg chips including all cost, conveyance & royalty etc. complete. 	2mm siza	s cbg	chips inc	luding a	ll cost,	conve	syance &					
	1	×	1.60	w w	1.60	н	0.125	11.	0.320	Cum		

1728.00 6001.33 Cum Rs. Cum Cum 0.288 = Net Qnty = @ Rs. 7] Cement Concrete (1:2:4) using 12mm size cbg chips including all cost, @0.90 Qntl./Cum conveyance & royalty etc. complete.

000

1954.00

6105.46 Cum Rs.

@ Rs.

6] Proving, straighting, cutting, bending, binding of MS Tor bar including tying the grill and placing in proper position including cost of 18 to 20 gauge binding wires and Tor Rod with all labours etc all complete.

Cum

0.32

Net Qnty =

1 x 1.00 mx 1.00 m 0.050 = 0.050 Cum Net Qnty = **0.05** Cum @ Rs. 5398.07 Cum Rs.

270.00

8] 20 mm thick cement plaster with CM (1:4) on stone mansonry including all cost etc. complete.

×

1.00 mx 1.000 = 4.000 Sqm

Net Qnty = 4.00 Sqm

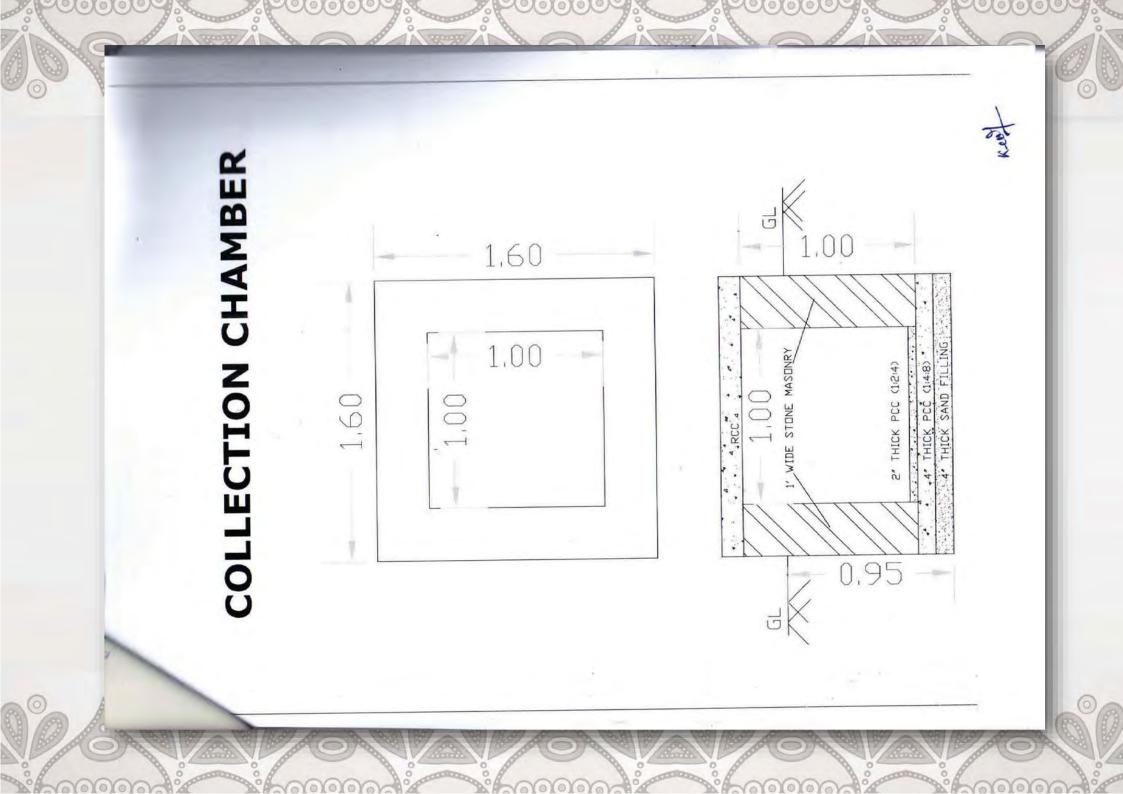
@ Rs. 196.00 Sqm Rs. 784.00

SUB TOTAL Rs. 10680.0

SUB TOTAL Rs. 10680.00
GRAND TOTAL Rs. 11000.00
Rupees Eleven Thousand Only

000

Keep



Farthwork excavation in hard soil within initial lead and lift including laying in rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in Percenting 3.30 ML in depth etc. complete for 100 Cum. Sado	Earthwork excavation in hard soil within init rough dressing & breaking clods to maximum layers not exceeding 0.30 Mt. in depth etc. complete (For 100 Cum) 1 x 3.60 2] Sand filling in foundation & Plinth, including waetc. complete (For 100 Cum) 1 x 3.60 1 x 3.60 2] Cement Concrete (1:4:8) using 40 mm size hbg carriage, royalty etc. complete. 2 x 3.60 1 x 3.60 2 x 3.60 2 x 3.00 2 x 3.00 2 x 3.00 2 x 3.00 3] RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 3] RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 3] Proving , straighting, cutting, bending, binding of bying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labourse	iftial lead and iftial lead and plete for 100 m.x. 3.60	I lift in and la m m m m m m m m m m m m m m m m m m	ncluding aying in 0.95 = Net Qnty = @ Rs, mming 0.10 = Net Qnty = @ Rs. Il cost,	1.7	1-1	it Amount
ng ng ng ng = 12.31 Cum @ Rs. 158.93 Cum Rs. 19 ng = 1.30 Cum ORs. 454.93 Cum Rs. 59 rt = 1.30 Cum ORs. 3530.52 Cum Rs. 45 nty = 1.400 Cum = 1.800 Cum nty = 5.04 Cum nty = 5.04 Cum nty = 1.62 Cum	rough dressing & breaking clods to maximum: layers not exceeding 0.30 Mt. in depth etc. comp layers not exceeding 0.30 Mt. in depth etc. comp letc. complete (For 100 Cum) 1 x 3.60 1 m and down including all cost, carriage & royalty etc. complete. 1 x 3.60 1 x 3.60 1 x 3.60 1 m Partition wall 2 x 3.60 1 x 3.60 1 m Broving , straighting, cutting, bending, binding of thing the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	itial lead and 15 cm to 7 cn plete for 100 mx 3.60 lm foundation of the formulation of the foundation of the	Cum. m m m m m m m m m m m m m m m m m m	aying in 0.95 = Net Qnty = @ Rs, mming 0.10 = Net Qnty = @ Rs. Il cost,			
nng ln Quby = 12.31 Cum Quby = 12.31 Cum Quby = 12.31 Cum Rs. ng = 1.30 Cum Quty = 1.30 Cum Quty = 1.30 Cum Quty = 1.30 Cum Rs. 454.93 Cum Rs. 454.93 Cum = 1.30 Cum nty = 1.60 Cum = 1.080 Cum nty = 5.04 Cum nty = 5.04 Cum nty = 1.62 Cum nty = 1.62 Cum Ty = 1.62 Cum Rs. 4345.50 Cum Ty = 1.62 Cum	rough dressing & breaking clods to maximum layers not exceeding 0.30 Mt. in depth etc. completes of the complete (For 100 Cum) 1	m x 3.60	m m m m m m m m m m m m m m m m m m m	aying in 0.95 Net Qnty = (
Onty = 12.31 Cum Onty = 12.31 Cum ORS. 158.93 Cum Rs. Index 1.30 Cum ORS. 454.93 Cum ORS. 454.93 Cum Index 1.30 Cum Index 1.30 Cum Index 3530.52 Cum Index 3530.53 Cum Index 3	layers not exceeding 0.30 Mt. in depth etc. complete (For 100 Cum) 1 x 3.60 2 x 3.00 1 x 3.60 1 x 3.60 2 x 3.00 1 x 3.60 1 x 3.60 2 x 3.00 2 x 3.00 2 x 3.00 2 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00	m x 3.60	Cum. m m m m m m m m m m m m m m	aying in 0.95 Net Qnty = (a) Rs. umming 0.10 = (a) Rs. Il cost,			
© RS. 158.93 Cum © RS. 158.93 Cum Rs. ng = 1.30 Cum Onty = 1.30 Cum Onty = 1.30 Cum Onty = 1.30 Cum = 1.30 Cum onty = 1.30 Cum = 1.30 Cum nty = 1.40 Cum = 1.800 Cum = 1.800 Cum = 1.800 Cum = 1.620 Cum nty = 1.62 Cum	2] Sand filling in foundation & Plinth, including waet. complete (For 100 Cum) 1 x 3.60 2 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 1 x 3.60 2 x 3.60 2 x 3.60 3 x 3.60 3 x 3.60 3 x 3.60 4 x 3.60 2 x 3.60 2 x 3.60 3 x 3.60 3 x 3.60 3 x 3.60 4 x 3.60 2 x 3.60 3 x 3.60 4 x 3.60 2 x 3.60 3 x 3.60 4 x 3.60 2 x 3.60 3 x 3.60 4 x 3.60 5 x 3.60 6 x x 3.60 7 x 3.60 7 x 3.60 8 x x 3.60 8 x x x x x x x x x x x x x x x x x x	mx 3.60 mx 3.60 mx 3.60 mx 3.60 mx 3.60	m m m m m m m m m m m m m m m m m m m	0.95 = Net Qnty = @ Rs, tmming 0.10 = Net Qnty = @ Rs. II cost, 0.10 = 0.10 =			
Only = 12.31 Cum Only = 12.31 Cum Only = 12.31 Cum Only = 12.31 Cum Rs. 130 Cum Only = 1.30 Cum Only = 1.40 Cum Only = 1.60 Cum Only = 1.62 Cum	etc. complete (For 100 Cum) 1 x 3.60 1 x 3.60 1 carriage, royalty etc. complete. 1 x 3.60 2 x 3.00 2 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 3 x 3.00 3 x 3.00 4 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 3 x 3.00 4 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 3 x 3.00 4 x 3.00 5 x 3.00 7 x 3.00 7 x 3.00 8 x 3.00 7 x 3.00 8 x 3.00 8 x 3.00 7 x 3.00 8 x 3.00 8 x 3.00 1 x 3.60 1 x 3.60 1 x 3.60 2 x 3.00 3 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 4 x 3.00 1 x 3.00 1 x 3.00 1 x 3.00 2 x 3.00 3 x 3.00 3 x 3.00 3 x 3.00 4 x 3.00 1 x 3.00 1 x 3.00 1 x 3.00 2 x 3.00 1 x 3.00 1 x 3.00 2 x 3.00 3 x 3.00 1 x 3.00	m x 3.60 m x 3.60 m x 3.60 m x 3.60	m m m m m m m m m m m m m m m m m m m	0.95 Net Quty =			
Quby = 12.31 Cum	Sand filling in foundation & Plinth, including waetc. complete (For 100 Cum) 1 x 3.60 2 x 3.00 1 x 3.60 2 x 3.00 1 x 3.60 2 x 3.00 2 x 3.00 2 x 3.00 1 x 3.60 2 x 3.00 1 x 3.60 2 x 3.60 2 x 3.60 2 x 3.60 3 x 3.60 2 x 3.60 3 x 3.60 2 x 3.60 3 x 3.60 3 x 3.60 4 x 3.60 6 x x 3.60 7 x x 3.60 7 x x 3.60 7 x x 3.60 8 x x x x x x x x x x x x x x x x x x	m x 3.60 m x 3.60 m x 3.60 m x 3.60	m m m m m m m m m m m m m m m m m m m	@ Rs, @ Rs, mming 0.10 = Net Qnty = @ Rs. Il cost, 0.10 =			
@ Rs. 158.93 Cum Rs.	Sand filling in foundation & Plinth, including waetc. complete (For 100 Cum) 1 x 3.60 2 x 3.00 1 x 3.60 2 x 3.00 2 x 3.00 1 x 3.60 2 x 3.00 3 x 3.00 2 x 3.00 3 x 3.00	m x 3.60 m x 3.60 m x 3.60 m x 3.60	m m m m m m m m m m m m m m m m m m m	@ RS, mming = 0.10 = Net Qnty = @ RS. Il cost, 0.10 = 0.10 =			
ng = 1.30 Cum Onty = 1.30 Cum @ Rs. 454.93 Cum Rs. 17. = 1.30 Cum phty = 1.30 Cum phty = 1.30 Cum = 1.30 Cum nty = 1.400 Cum nty = 5.04 Cum nty = 5.04 Cum nty = 1.62 Cum ty = 1.62 Cum	etc. complete (For 100 Cum) 1 x 3.60 1 x 3.00 1 x 3.0	m x 3.60 m x 3.60 m x 3.60 m x 3.60	m m m m m m m m m m m m m m m m m m m	0.10 = 0.10 = 0 Rs.			
= 1.30 Cum Rs. @ Rs. 454.93 Cum Rs. = 1.30 Cum Rs. = 1.30 Cum Rs. = 1.30 Cum Rs. = 1.480 Cum Rs. = 1.480 Cum Rs. = 1.620 Cum Rs.	Cement Concrete (1:4:8) using 40 mm size hbg carriage, royalty etc. complete. 1 x 3.60 r 1 x 3.60 r 1 x 3.60 r 2 x 3.60 n 2 x 3.00 n 1 x 3.60 m 2 x 3.00 m Partition wall 2 x 3.00 m RCC M20 grade (1:1%:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting, cutting, bending, binding of bying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	m x 3.60 m x 3.60 m x 3.60	m m m on and	0.10 = Net Qnty = @ Rs. cost,			
@ Rs. 454.93 Cum Rs. = 1.30 Cum Phy = 1.30 Cum Phy = 1.30 Cum Ps. = 2.160 Cum Ps. = 2.160 Cum Ps. = 1.800 Cum Ps. = 1.800 Cum Ps. = 1.620 Cum Ps. Ps. Ps. Ps. Ps. 6001.33 Cum Ps. Ps.	Cement Concrete (1:4:8) using 40 mm size hbg carriage, royalty etc. complete. 1 x 3.60 r RRHG Stone masonary with cement mortar (1:6) including all cost, conveyance & royalty etc. comp 2 x 3.60 n 2 x 3.00 n Partition wall 2 x 3.00 m RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting,cutting, bending, binding of thing the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	n x 3.60 metal inch	m m on and	Net Qnty = @ Rs. cost,			
@ Rs. 454.93 Cum Rs. = 1.30 Cum Ps. = 1.30 Cum Ps. = 2.160 Cum Ps. = 1.800 Cum Ps. = 1.800 Cum Ps. = 1.800 Cum Ps. = 1.620 Cum Ps.	Cement Concrete (1:4:8) using 40 mm size hbg carriage, royalty etc. complete. X 3.60	og metal inclum 3.60	m m on and	@ Rs. Il cost, 0.10 =			
= 1.30 Cum @ Rs. 3530.52 Cum Rs. h = 2.160 Cum = 1.800 Cum = 1.800 Cum = 1.080 Cum mty = 5.04 Cum @ Rs. 2908.60 Cum Rs. = 1.620 Cum mty = 1.62 Cum = 1.620 Cum Ty = 1.62 Cum Ty = 1.62 Cum = 1.620 Cum Fs. 4345.50 Cum = 1.620 Cum Fs. 4345.50 Cum	RRHG Stone masonary with cement mortar (1:6) including all cost, conveyance & royalty etc. comp 2 x 3.60 n 2 x 3.00 n Partition wall 2 x 3.00 n m RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	m x 3.60	m on and m 1				
= 1.30 Cum @ Rs. 3530.52 Cum Rs. h = 2.160 Cum = 1.800 Cum = 1.080 Cum nty = 5.04 Cum mty = 5.04 Cum = 1.620 Cum Rs. 2908.60 Cum Rs. = 1.620 Cum rty = 1.62 Cum rty = 1.62 Cum rty = 1.62 Cum rty = 1.62 Cum Rs. 4345.50 Cum Fs. 4345.50 Cum Rs. 788. 6001.33 Cum Rs. 9	RRHG Stone masonary with cement mortar (1:6) including all cost, conveyance & royalty etc. comp 2 x 3.60 n 2 x 3.00 n Partition wall 2 x 3.00 n related (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	mx 3.60	m on and m 1				
my = 1.30 Cum Rs. = 2.160 Cum = 1.800 Cum = 1.800 Cum nty = 5.04 Cum Rs. = 1.620 Cum Rs. = 1.620 Cum rty = 1.62 Cum rty = 1.620 Cum	RRHG Stone masonary with cement mortar (1:6) including all cost, conveyance & royalty etc. comp 2 x 3.60 n 2 x 3.00 n 2 x 3.00 n n Partition wall 2 x 3.00 n n RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting, cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e) in foundation	on and m 1			Cum	
## 2.160 Cum = 2.160 Cum = 1.800 Cum = 1.080 Cum = 5.04 Cum = 5.04 Cum = 1.620 Cum = 1	RRHG Stone masonary with cement mortar (1:6) including all cost, conveyance & royalty etc. comp 2 x 3.60 n 2 x 3.00 n 2 x 3.00 n m Partition wall 2 x 3.00 n m RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting,cutting, bending, binding of thing the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e) in foundation	on and m	Net Qnty =		Cum	
= 2.160 Cum = 1.800 Cum nty = 5.04 Cum 8 Rs. 2908.60 Cum Rs. = 1.620 Cum nty = 1.62 Cum Ty = 1.62 Cum = 1.620 Cum Ty = 1.62 Cum = 1.620 Cum Fs. 4345.50 Cum Ty = 1.620 Cum Ty = 1.620 Cum Ty = 1.620 Cum Ty = 1.620 Cum	netter Stone masonary with cement mortar (1:6) including all cost, conveyance & royalty etc. comp 2 x 3.60 n 2 x 3.00 n 2 x 3.00 n n Partition wall 2 x 3.00 n n including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting, cutting, bending, binding of thing the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	in foundation	in and in 1	@ Rs.	3530.52	Cum	
= 2.160 Cum = 1.800 Cum = 1.080 Cum ity = 5.04 Cum @ Rs. 2908.60 Cum Rs. = 1.620 Cum ity = 1.62 Cum = 1.620 Cum = 1.62 Cum = 1.620 Cum = 1.620 Cum = 1.620 Cum Fs. 4345.50 Cum = 1.620 Cum Fs. 4345.50 Cum = 1.620 Cum Fs. 4345.50 Cum	2 x 3.60 n 2 x 3.00 n Partition wall 2 x 3.00 n RCC M20 grade (1:1½:3) using 20 mm and down including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	plete.		plinth			
= 1.800 Cum = 1.080 Cum nty = 5.04 Cum 8 Rs. 2908.60 Cum Rs. = 1.620 Cum nty = 1.62 Cum Rs. 4345.50 Cum = 1.620 Cum Ty = 1.620 Cum = 1.620 Cum Fy =	Partition wall 2 x 3.00 m RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving , straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e			= 0000		Cim	
= 1.080 Cum nty = 5.04 Cum 8 Rs. 2908.60 Cum Rs. = 1.620 Cum nty = 1.62 Cum 8 Rs. 4345.50 Cum Ey = 1.620 Cum Ty = 1.620 Cum Fy = 1.620 Cum F	RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving, straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e			= 0000		Cum	
mty = 5.04 Cum © Rs. 2908.60 Cum Rs. = 1.620 Cum ity = 1.62 Cum Rs. 4345.50 Cum = 1.620 Cum = 1.620 Cum y = 1.620 Cum Fy = 1.620 Cum	RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving, straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e			= 009"		Cum	
### 2908.60 Cum Rs. = 1.620 Cum ### 4345.50 Cum	RCC M20 grade (1:1½:3) using 20 mm and dowr including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving, straighting,cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e		~	Net Qnty =		Unit.	
= 1.620 Cum ty = 1.62 Cum Rs. 4345.50 Cum = 1.620 Cum = 1.620 Cum y = 1.62 Cum y = 1.62 Cum y = 1.62 Cum y = 1.62 Cum	including all cost, carriage & royalty etc.complete. 1 x 3.60 m Proving, straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e			@ Be	2000 60	inna a	
= 1.620 Cum 1y = 1.62 Cum Rs. 4345.50 Cum = 1.620 Cum y = 1.62 Cum y = 1.62 Cum y = 1.62 Cum	Proving , straighting,cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	n graded bla	ck cbg	chips	7308.60	cum Rs.	
ity = 1.62 Cum Rs. = 1.620 Cum Rs. = 1.620 Cum ty = 1.62 Cum Fy = 1.62 Cum	Proving, straighting.cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	3.60				mn	
FS. 4345.50 Cum Rs. = 1.620 Cum ty = 1.62 Cum ry = 1.62 Cum ry = 1.62 Cum	Proving, straighting,cutting, bending, binding of tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e		Z	+	1.62	mm	
= 1.620 Cum by = 1.62 Cum	tying the grill and placing in proper position inc gauge binding wires and Tor Rod with all labours e	of MC Tor b	Town Town	0	4345.50 C	um Rs.	
= 1.620 Cum by = 1.62 Cum r Rs. 6001.33 Cum Rs.		cluding cost etc all comple	of 18 t	o 20			
ty = 1.62 Cum	@1.00 Qntl./Cum			i			
W = 1.62 Cum			N	Out Oute		nm	
KS. 6001.33 Cum Rs.			7	er Quty =	1.62 C	mm	
	Cement Concrete (1:2:4) using 12mm size cbg c conveyance & royalty etc. complete	chips includi	ng all o	cost,	6001.33 C		9722.00

GRAND TOTAL RS. 45000.00 Rupees Forty Five Thousand Only Rs. 44825.00 SUB TOTAL

2352.00 1500.00

12.000 Sqm 12.00 Sqm 196.00 Sqm Rs. LS

@ Rs.

9] Cost of locally available filteration materials

1.000 = Net Qnty =

m x

3.00

4 ×

2429.00

0.450 Cum 0.45 Cum 5398.07 Cum Rs.

0,050 = Net Qnty =

H

3.00

w m

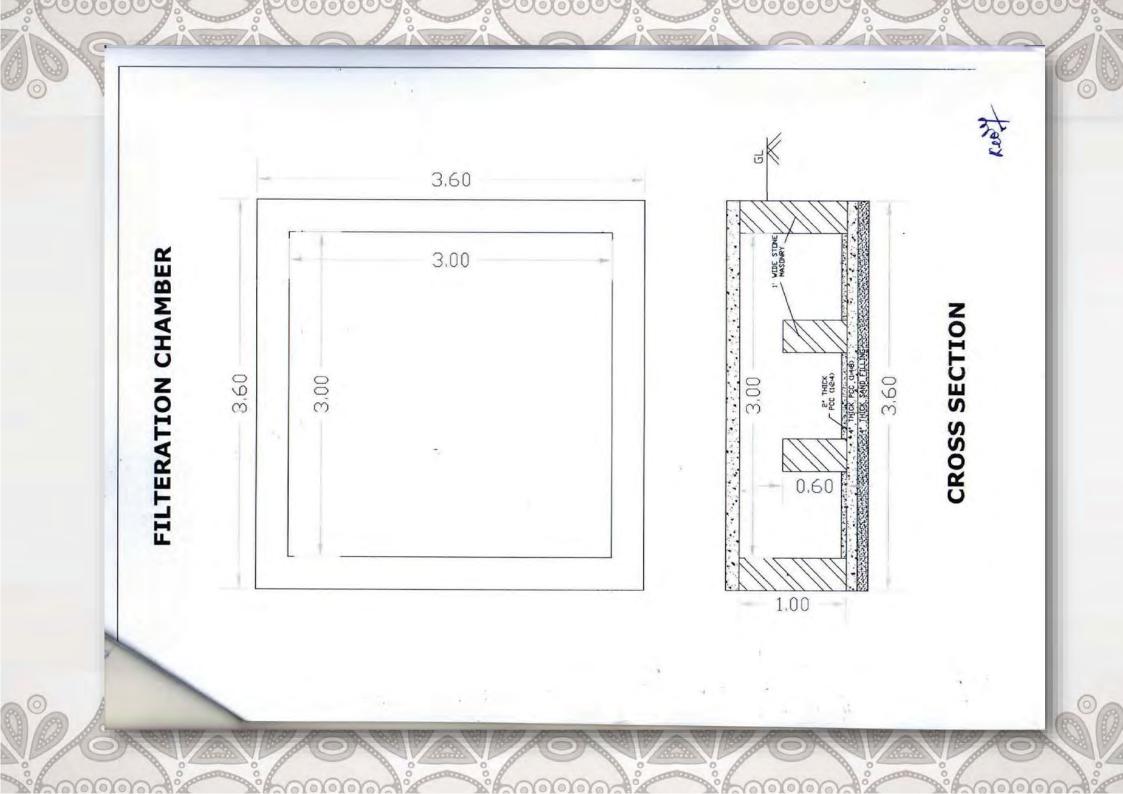
. 3.00

1 x

@ Rs.

8] 20 mm thick cement plaster with CM (1:4) on stone mansonry including all cost etc. complete.

The state of the s



Earthwork excavation in hard soll within initial lead and lift including rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.30 Mt. in depth etc. complete for 100 Cum. 4		11	2	NST	CONSTRUCTION OF DISTRIBUTION LANK BASE	NOF L	ISTRI	BULL	ON LAN	K BA)E			
= 0.81 Cum b.8s. 158.93 Cum Rs. = 0.27 Cum b.8s. 454.93 Cum Rs. = 0.27 Cum c. 27 Cum b.8s. 454.93 Cum Rs. = 0.27 Cum = 2.03 Cum ity = 2.30 Cum b.8s. 3530.52 Cum Rs.	-		No.		1		W		D		Total	n	nit	Amount
= 0.81 Cum 0.81 Cum 0.82 158.93 Cum Rs. = 0.27 Cum 0.27 Cum 0.28 454.93 Cum 0.27 Cum 0.27 Cum 0.27 Cum 0.27 Cum 0.28 454.93 Cum Rs.	-	Earthwork excavation ir rough dressing & breakii layers not exceeding 0.30	n hard ng cloc) Mt. in	soil ls to	within i maximui th etc. co	nitial le m 5 cm mplete f	ad and to 7 cm or 100 (lift ir and I Cum.	cluding aying in					
ty = 0.81 Cum = 0.27 Cum ty = 0.27 Cum ty = 0.27 Cum Rs. 454.93 Cum Rs. = 0.27 Cum = 2.03 Cum ity = 2.30 Cum ity = 2.30 Cum Rs.			4	×	1.50	m x		Ħ	0,30	Ü	0.81	Cum		
= 0.27 Cum b Rs. 454.93 Cum Rs. = 0.27 Cum = 0.27 Cum = 2.03 Cum ty = 2.30 Cum b Rs. 3530.52 Cum Rs.							-74		Net Qu	ity = 0 Rs.	0.81	Cum Cum	Rs.	129.00
= 0.27 Cum b Rs. 454.93 Cum Rs. = 0.27 Cum = 0.27 Cum = 2.03 Cum ty = 2.30 Cum e 2.30 Cum b Rs. 3530.52 Cum Rs.		Sand filling in foundation etc. complete (For 100 C	n & Pli Jum)	nth, i	including	waterir	Ig and I	nand r	amming					
= 0.27 Cum = 2.03 Cum ty = 2.30 Cum 9 Rs. 3530.52 Cum Rs.			4	×	1,50	E			0.10 Net Qr	anty =	0.27 0.27 454.9	Cum Cum	Rs.	123.00
mx 0.45 m 0.10 = 0.27 Cum mx 1.500 m 0.900 = 2.03 Cum Net Qnty = 2.30 Cum @ Rs. 3530.52 Cum Rs.	-	Cement Concrete (1:4:8 carriage, royalty etc. con:	using uplete.	9 40	mm size	hbg me	etal incl	uding	all cost,					
mx 1.500 m 0.900 = 2.03 Cum Net Qnty = 2.30 Cum @ Rs. 3530.52 Cum Rs.			4	×	1.50	иx			0.10	-11	0.27	Cum	2	
Net Qnty = 2.30 Cum @ Rs. 3530.52 Cum Rs.			-	×	1.50	mx	1.500	m	0.900	н	2.03	Cum	_	
									Net Q	a Rs.	2.30	Cum 2 Cum	Rs.	8103.00
		cost, conveyance, royancy and an incompres) min (-					0		1		į	

Rupees Twenty Thousand Only Rs. 19962.00 Rs. 20000.00 811.00 6.600 Cum 6.60 Cum 122.82 Cum Rs. GRAND TOTAL SUB TOTAL 5] Fly Ash .brick masonary in c.m.(1:6) including watering and curing with cost,conveyance, royality and all labour, T&P etc.complete. @ Rs.

10796.00

2.700 Cum 2.70 Cum 3998.57 Cum Rs.

000

The same of

		Ö	UNSTR	JCTION	OF SI	AND	CONSTRUCTION OF STANDPOST					
		-	-		W		0		Total	Ur	it	Unit Amount
	NO.		1			1	1	-				
Earthwork excavation in hard soil within initial lead and lift including rough dressing & breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.30 Mt. in depth etc. complete for 100 Cum.	n hard ng cloo	soil and stone	within in naximum n etc. con	nitial lea 1 5 cm to nplete for	d and 7 cm r 100 C	and Is	cluding aying in					
	-	×	x 1.00	×	m x 1.00 m	E	0.20	II.	0.20	Cum		
	í			~			Net (a Rs.	Jnty = 0.20 Cum @ Rs. 158.93 Cum Rs. 32.00	Cum 3 Cum	Rs.	32.00

2] Sand filling in foundation & Plinth, including watering and hand ramming etc. complete (For 100 Cum)

 $1 \times 1.00 \text{ m} \times 1.00 \text{ m} = 0.10$

00 m 0.10 = 0.10 Cum Net Qnty = 0.10 Cum @ Rs. 454.93 Cum Rs. 45.00

Cement Concrete (1:4:8) using 40 mm size hbg metal including all cost, 3

carriage, royalty etc. complete.

1 x 1.00 mx 1.00 m 0.10 = 0.10 Cum 1 x 4.00 mx 0.125 m 0.125 = 0.06 Cum Net Qnty = 0.16 Cum @ Rs. 3530.52 Cum Rs.

@ Rs. 3530.52 Cum Rs. 574.00

Cement Concrete (1:2:4) using 12 mm size hbg metal including all cost, carriage, royalty etc. complete.

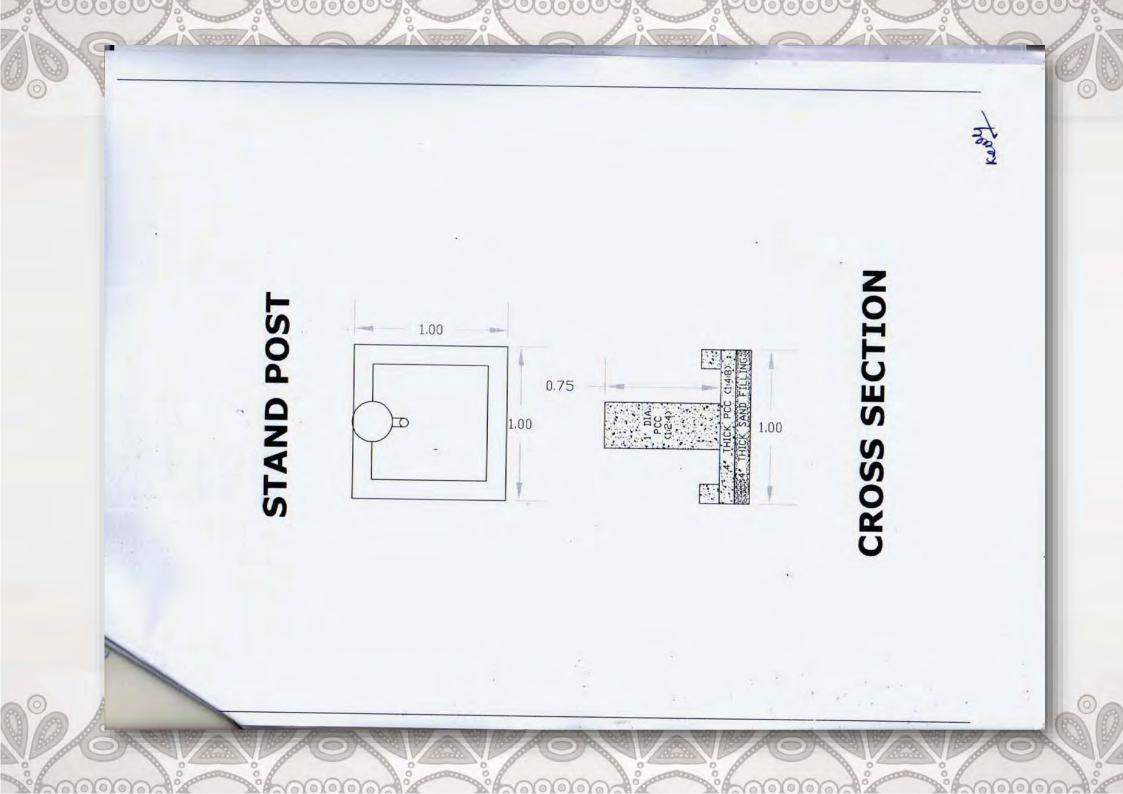
1 x 1.00 m x 1.00 m 0.05 = 0.050 Cum 1 x 3.142857 m x 0.02 m 0.750 = 0.053 Cum Net Onty = 0.10 Cum

Net Qnty = 0.10 Cum @ Rs. 5398.07 Cum Rs. 556.00 Rs. 1207.00

SUB TOTAL

GRAND TOTAL Rs. 1200.00
Rupees One Thousand Two Hundred Only





No. Items	Quarry	y Lead in KM	Lead Cost	Royalty	Total Carriag e &	Basic Cost of	Total Cost
1 2	1				Royalty	Matorial	(8+6)
1 Sand (Filling)	7.	+		9	1		-
2 Sand (Montan)	rocal	15	237.67	35.00	273 67	0	
3 ppur ct	Local	. 25	325.67			53.33	
A 40	Local	22	149.67	1		56.19	416.86
4 40 mm size metal (hbg)		F	222 64			245.41	525.08
5 40 mm size metal (cbg)		25	237.67	130.00	_	580,00	947.67
6 12 mm size chips (hbg)		67	325.67	130.00	455.67	724.76	1180 42
7 12 mm size chins (cha)	+	15	237.67	130.00	367.67	889 52	1257 10
8 20 mm size ching (ht.	+	25	325.67	130.00	455.67	10000	172/17
9 20 mm size ching (ch.)	1	20	281.67	130.00		1003.81	1519.48
10 10 mm circ 1: Cop	Local	25	325.67	130.00		61.070	1287.86
11 10 mill size chips (hbg)	() Local	20	281.67	130.00	10000	1046.67	1502.34
12 1 TO IMM Size chips (cbg)	Local	25	325 67	-	411.67	897.14	1308.81
12 4.70 mm size chips (cbg)		35	25.07		455.67	1095.24	1550.91
Grade-I Metal (45 to 90	-	C7	325.67	130.00	455.67	713.33	1169.00
mm)	Local	25	325.67	130.00	455.67	638 10	1000
14 Grade-II Metal (45 to 63 mm)	3 Local	25	375.67				1093.77
15 25 mm size metal (cho)	+		10.030	130.00	455.67	106.67	1162.34
Stone (non-granite) (15 to	Local	25	325.67	130.00	455.67	764.76	1220 42
30 cm)	Local	25	325.67	13000	100 / 1		1220.43
17 Moorum	Local	u	1000		193.07	185.71	641.38
18 Cement per Otl.	Local	0	149.67	35.00	184.67	47.62	222 20
19 Steel per Otl.	rocal	75	20.68	:	70.68	596.66	67.767
20 Brick Khon	Local	75	70.68	4			00/.34
BOILCA MILOS	Local	10	466.15	1	"		5270.68
21 Brick 1.0 Cum (350 Nos)		-	100.13	4		294.47	760.62
22 Brick 1.0 Cum (400 Nos)		+	400.15	+ +		1003.53 1	1469.68
23 C.B.Brick fly ash	-	+	400.15	4	466.15 1	1090.72	1556.87
	Foral		545 30		100		10000

Certified that the lead stated above is shortest and correct to the best or

ate p	LABO	LABOUR RATES
300 300 346 346 396 396 396 396 396 396 396 396 396 39		Dota
346		nate per day
346.		30000
346		2000
398		348,00
, 458		398.00
458		0.020
		458.00

ANALYSIS OF RATES

00000

	Man Mulia	cuin.	Man Mulia - 21.50 Nos	@ Bc				
	Woman Mulia OHC + Contractors profit		21.50 Nos.	@ Rs.	308.00 / each			6622.00
						Total	= RS.	13244.00 / % Cum
	For foundation add 20 % extra	20 % extr	is .	4		Total	= Rs.	2648.80
								158.93 / cum
02]		dation & I ge-8, SI -	Plinth, including water [15]	ring and hand	Sand filling in foundation & Plinth, including watering and hand ramming etc. complete (For 100 Cum) A/R, Page-8, SI - (15)			
	Sand			@ Rs.	56.19 /cum		= Rs	561900
	Woman Mulia OHC + Contractors profit	rofit	12.36 Nos. 0%	@ Rs.	308.00 / each		= Rs. = Rs.	3806.88
	Carriage & royalty of sand	f sand	100	Cum @ Rs.	360.67 / Cum		Rs.	36067.00
						Total	= Rs	45492.88 / % Cum
2).	o2). Filling in foundation & plinth with excavated materials including well watering and ramming as per the direction of the Engineer-in-Charge	& plinth ne Engin	with excavated ma eer-in-Charge	terials includ	ling well watering a	say nd ramming as	KS.	454.93 / Cum
	For 100 Cum Basic rate as per S/R 2014 2/3 rd of average rate of excavation (item No.1 Total	2014 e of exca	vation (item No.1 T	otal			Rs.	132,44 / Cum 88.29 / Cum
03]	RRHG Stone masona conveyance & royalty	ıry with o	RRHG Stone masonary with cement mortar (1:6) in found: conveyance & royalty etc. complete. A/R, Paee-75, St (3)	1 foundation a	RRHG Stone masonary with cement mortar (1:6) in foundation and plinth including all cost, conveyance & royalty etc. complete. A/R. Page-75, SI - (3)	cost,		
	Stone		1.00 Cum	@ Re	245.41 / C.im			
	Sand	ı	0.34 Cum	@ Rs.	56.19 / Cum		RS.	19.41
	Cement		0.8151 Qntl.	@ Rs.	596.66 / Qntl,		Re	48634
	Mason Spl.		0.35 Nos.	@ Rs.	458.00 / Each		Rs.	160.30
	Mulia		1.41 Nos.	(a) Rs.	398.00 / Each		Rs.	561.18
	OHC + Contractors profit	ofit	0%0	W KS.	308.00 / Each		Rs.	976.36
	Carriage & Royalty	lty					KS.	0.00
	Stone		1.00 cum	@ Rs.	279.67 /cum		Rs.	279.67
	Sand		0.34 cum	@ Rs.	360.67 /cum		Rs.	122,63
	1		0.0131 QRU.	@ Ks.	70.68 /Qtl		Rs.	57.61
_	or Conc ete.	rete (1:4:8) using 40 A/R, Page-43, SI - (4)	g 40 mm size hbg me (4)	tal including a	II cost, carriage, royalt	y etc.	# KS	2908.60 / Cum
				@ Rs.	580.00 / Cum		Rs.	556.80
	Coment		0	@ Rs.	56.19 / Cum		Rs.	26.97
	Mason		0.18 Nos	@ RS.	596.66 / Qutl.		Rs.	1026.26
	Mulia	i	3.90 Nos.	@ Rs.	308.00 / Each		RS.	1201 20
	OHC + Contractors profit	ofit	%0.				Rs.	0.00
	Marriage& Koyalty							
	Sand		0.96 cum	@ Rs.	367.67 /cum		Rs.	352.96
	Cement		1.72 Cum	@ Rs.	360.67 /cum		Rs.	173.12
			1.72 Vot.	(a KS.	70.68 /Qtl	Total	Rs.	121.57
Φ.	B. Cememt Concrete (1:4:8) using 40 mm size cbg metal including all cost, conveyance, royalty etc. complete. A/R pane.43 St. (4)	4:8) usin	g 40 mm size cbg metal includi	tal including	El .	1 Deal	= KS.	3530.52 / Cum
	Metal		_	(a) Si (b)	724 76 1Cm		4	
	Sand		0.48 Cum	@ Rs.	56.19 / Cum		Rs.	76.97
	Cement	6	1.72 Qnd.	@ Rs.	596.66 / Qntl.		Rs.	1026.26
	Mason	j.	0.18 Nos.	@ Rs.	398.00 / Each		Rs.	71.64
	Mulia	2	3.90 Nos.	@ Rs.	308.00 / Each		Re	120120
	OHC + Contractors profit	fir	%0				Rs.	0.00
	Carriage& Royalty							2000
	Sand		0.96 cum	@ Rs.	455.67 /cum		Rs.	437.44
	Cement		0.46 cum	(W KS.	360.67 /cum		Rs.	173.12
			-0.7	0	0000			

ത്തെര

@@@@@

New A



/ Cum Rs. 5	56.19 / Cum Rs. 26.97	Rs. 13	Rs.	120	Rs. 0.00	8s 352 06	n Rs.	Rs.	Total = Rs. 3	f. conveyance, royalty		/Cum	/ Ont.	/ Each	/ Each Rs. 12		e d		Rs	10tal = Rs 4134.36 /cum	conveyance & royalty		1	Rs.	/ Qnti. Rs. 1	/ Each	Rs, 141		455.67 /cum . Rs. 410.10	Rs.	Rs. 228.30	. 539	Total = Rs 5651.19 / Cum	1940,56 291.08 Rs. 0.00	in	Total Rs.				Rs. 8	109:00 / Cum Rs. 55.70	Rs.	Rs.	348.00 / Each Rs. 174.00	al = Rs. 9	say Rs. 98.63 / Sqm	/ Cum Rs 8133.21	Rs.	169.60 / Cum Rs. 116.85
@ Rs. 58	(a) KS.	@ Rs.		0% en rs. 508		@ Rs. 367	@ Rs.	@ Rs. 70	with a seal facility of the seal	smetal including all cost	@ Rs. 724		@ Rs.		@ Rs.				(d) KS. 70,		chips including all cost, o		10	@ Ks. 56.19			is b		@ Rs. 455.6			extra Labour over GF		15% extra Labour over FF 0%	15% extra Labour over FF		onveyance,	Details of 10 Sqmt)	196	@ Rs. 65.00			@ Rs. 398.00				19	@ Rs. 108.00 / Mt.	
0.96 Cum	0.70		3 90 Nos	SON DOOR		0.96 cum	0.48 cum	2.29 QE	using 40 mm ciza ch	A/R, Page-43, SI - (3)	0.96 Cum	0.48 Cum			3.90 Nos.	%0	0.96 cum	0.48 cum	nh Cris	-	1:2:4) using 12mm size cbg A/R. Page-44, St. (7)	000 000	0.90 Cum	3.23 Onel		4.60 Nos.	%0		0.90 cum	3.23 Onel	2.52 VIIII.	Add 15% 0%		Add 15%	Add 15%		g & shuttering for RCC v sting including all cost, c A/R, Page-53, SI- (10)	ase, mass concrete (0.267 Cum	12.600 Cum 0.3284 Cum.		to be used once	0.50 Nos.	0%0 00%		ime.)	0.413 Cum	0.6890 Cum	מיממבת מחווו
Metal Sand	at a		Multa	OHC + Contractors profit	Carriage& Royalty	Metal	Cament	Active III	B. Cement Concrete (1:3:6) using 40 mm size shaward in 1919.	etc. complete. A/R, Pag				Mason	Contractors of	Carriage& Royalty	Metal	Cement			cement concrete (1:2:4) using 12mm size cbg chips including all cost, conveyance & royalty etc. complete. A/R, Page-44, S1 - (7)		Sand	nt		Mulia	rofit	Carriage& Royalty	Sand	Cement		For 1st Floor OHC + Contractors profit	For 2nd Floor	OHC + Contractors profit	For 3rd Floor	OHC + Contractors profit	Rigid and smooth centering & shuttering for RCC works and dismetaling them after casting including all cost, conveyance, royalte etc. complete. A/R, Page-53, S1-(10)	A) ACC Joundation & Jooting base, mass concrete (Details of 10 Sqmt)	Neger B. U. of	Carriage of wood .	Tables of the Co.	Laking 1/10 of the Materials to be used once	Semiskilled Mulia	OHC + Contractors profit		B) RCC Lintel (Data for 7.80 Sqmt.)	38mm nonsal planks	Carriage of wood	



Rs. 1051.81 Rs. 497.50 Rs. 0.00 Rs. 0.00 = Rs. 1984.31 / 7.8 Sqm	Rs. 254.40 /	Rs Rs	= Rs 366.33 / sqm Rs 73.27 = Rs 439.60 / sqm		Rs. 4293.07 Rs. 1641.60 Rs. 864.00 Rs. 77.34	Rs. 6876.01 Rs. 687.60 Rs. 1094.50 Rs. 0.00 Rs. 0.00 Rs. 2739.10 / 4.2 Sam		Rs 130.43 = Rs 782.60 / sqm	156.52				1514 151 109 109 95	= Rs. 3565.79 / 9.0 Sqm					Rs. 18787.12	Rs. 10886.40 Rs. 417.22	35	10
Total	say	1001	Total			Total	say	Total	F	Total				Total	Total		Total					
398.00 / Each 348.00 / Each	x 20%	x 20%	x 20%	Sqmt)	19693.00 / Cum 108.00 / Cum 108.00 / Mt. 169.60 / Cum	398.00 / Each 348.00 / Each		x 20%	x 20%	x 20%		19693.00 / Cum 19693.00 / Cum 169.60 / Cum 108.00 / Mt.	398.00 / Each 348.00 / Each		x 20%	x 20%	x 20%	Sqmt)	19693.0 / Cum	108.00 / Mt. 169.60 / Cum	398.00 / Each	
@ Rs. @ Rs.	1d Floor 254.40	305.28	J66.33	Data for 4.20.	© Rs. © Rs. © Rs.	@ Rs.	d Floor	652.17	oor 782,60	939.12	a (Upto 4.30)	© Rs. © Rs. © Rs.	@ Rs.		396.20	475.44	570.53	ata for 23.90	@ Rs.	@ Rs.	@ Rs.	
to be used once 1.25 Nos. 1.25 Nos.	Add 20% extra over Ground Floor Le. 254.4	Add 20% extra over 1st Floor 1.e. 30	Add 20% extra over 2nd Floor i.e. 36	and brassmer etc. (0.218 Cum 15.200 Cum 8.000 Mt. 0.4560 Cum	2.75 Nos.	Add 20% extra over Ground Floor	i.e,	Add 20% extra over 1st Floor i.e. 78	Add 20% extra over 2nd Floor i.e. 93	balconies and chha	0.112 Cum 0.340 Cum 1.142 Cum 56.000 Mt.		%0	Add 20% extra over Ground Floor i.e. 396.21	Add 20% extra over 1st Floor 1.e. 47	Add 20% extra over 2nd Floor i.e. 570.53	nttached pillaster (D	0.954 Cum	100.80 Mt. 2.46 Cum	be used once 13.50 Nos.	
Materials - profit	Add	Add	Add	ns, girder	lanks	Materials t	Add		Add	Add 2	b, landing,	ntling .	Materials to	aront	Add 2	Add 2	Add 2	ncluding	anks		faterials to	
Taking 1/10 of the Materials to be used once Carpainter - 1.25 Nos Semiskilled Mulia - 1.25 Nos OHC + Contractors profit	For 1st Floor	For 2nd Floor	For 3rd Floor	C) RCC beams, columns, girder and brassmer etc. (Data for 4.20 Sqmt)	38mm non sal planks 120mm dia bulla 80mm dia sal bulla Carriage of wood	Taking 1/10 of the Materials to be used once Carpainter 2.75 Nos. Semiskilled Mulia 2.75 Nos OHC + Contractors profit	For 1st Floor		For 2nd Floor	For 3rd Floor	D) RCC floor, roof, slab, landing, balconies and chhaja (Upto 4.30) Details of 9 Sqmt.	Nonsal wood scantling Planks 38 mm Carriage of wood 120 mm dia sal bullah	Taking 1/10 of the Materials to be used once Carpainter 2.75 Nos. Semiskilled Mulia 2.75 Nos.	One + contractors pront	For 1st Floor	For 2nd Floor	For 3rd Floor	E) RCC walls and fins including attached pillaster (Data for 23.90 Sqmt)	38mm nonsal planks	120mm dia bulla Carriage of wood	Taking 1/10 of the Materials to be used once Carpainter 13.50 Nos.	
												4										

-



Fo Fo						Total say	RS 1	13609.82 /23.9 569.45 / Sqm
Fo	For 1st Floor Add 20	Add 20% extra over Ground Pioor I.e. 569.45	ound Floor 569.45	×	20%	Total	Rs Rs	113.89 683.34 / sqm
Fo	For 2nd Floor Add 20	Add 20% extra over 1st Floor l.e. 68	t Floor 683.34	×	20%	Total	RS RS	136.67 820.01 / sqm
	For 3rd Floor Add 20	Add 20% extra over 2nd Floor 1.e. 82	d Floor 820.01	*	20%	Total	Rs	164.00 984.01 / sqm
2 8	R.C.C. (1:1.5:3) using 12mm size cbg chips including all cost, conveyance & royalty etc. omplete. A/R, Page-49, SI - (2)	ize chg chips incl	luding all cost, con	iveyance & rc	yalty etc.			
r. U		0.90 Cum	@ Rs.	1063.81 / Cum	Cum		Rs.	957.43
Sa	Sand	0		26.19 / (/ Cum		Rs.	25.29
ů :	Cement	4.29 Qntl.	@ Rs.	296.66 / Qutl.	Qntl.		Rs.	270.64
2 2	Mason	4.60 Nos.	@ Rs.	308.00 / Each	Each		Rs.	1416.80
0	OHC + Contractors profit		%0				Rs.	00:00
3 0	Chins	0.90 cum	@ Rs.	455.67 /c	/cnm		Rs.	410.10
S	Sand	0.45 cum	@ Rs.	360.67 /cun	/cum		Rs.	162.30
ŭ	Cement	4.29 Unti.	- Mary	00.07	172	Total	= Rs.	6105.46 / Cum
F	For 1st Floor OHC + Contractors profit	Add 15	15% extra Labour 0%		1687.44	Total	RS.	253.12 0.00 6358.57 / Cum
E O	For 2nd Floor OHC + Contractors profit	Add 15	15% extra Labour over GF 0%	ver GF	1940.56	Total	Rs.	291.08 0.00 6649.66 / Cum
H O	For 2nd Floor OHC + Contractors profit	- Add 15	15% extra Labour over GF 0%	ver GF	2231.64	Total	RS.	334,75 0.00 6984.40 / Cum
2	RCC M20 grade (1:1½:3) using 20 mm and down graded black cbg chips including all cost,	ng 20 mm and do	own graded black	cbg chips incl	uding all cost			
3 =	carriage & royalty etc.complete. (for 15 Cum) A/R, Page-50, SI	-	6	1 62 200			Be	8478.03
U	Chips (20 mm)	8.10 Cum	@ Rs.	109574 /	Cum		Rs.	5914.30
2 0	Cand (10 mm)	6.75 Cum			/Cum		Rs.	379,28
0	Cement	- 0			- Orl		Rs.	31085.99
2	Masson 2nd	1.50 Nos.	@ Rs.	-	Each		Rs.	597.00
2	Mulia	20.00 Nos.	@ Rs.	308.00 /	Each		Rs.	299.28
	Mate Concrete Mixture	U.OG NOS.	@ Rs.		/Hrs		Rs.	000
. 9	Generator	Hrs.	@ Rs.	240.00 / Hrs.	Hrs.		Rs.	0.00
0	OHC + Contractors profit	5	%0				RS.	0.00
-	Carriage& Royalty		@ Dc	455.67 Journ	nan-		Rs.	3690.93
-	Chips (20 mm)	5.40 cum	(9 RS.	455.67 /cum	cum		Rs.	2460.62
, ,	Sand	6.75 cum	@ Rs.	360.67	/cnm		Rs.	2434.52
	Cement .	52.10 Qd	@ Rs.	70.68 /Qtl	/Qrl	Total	RS.	3682.53 65182.47 / 15 Cum
						say	Rs.	4345.50 / Cum
- 0	For 1st Floor OHC + Contractors profit	Add 12	15% extra Labour over GF 0%	over GF	470.42		Rs.	0.00
-	For 2nd Floor	Add 1	15% extra Labour over FF	over FF	540.98	10101	2	81.15
-	OHC + Contractors profit		%0			Total	= Rs	4497.21 / Cum
	For 3rd Floor	Add 1	15% extra Labour over GF	over GF	622.13		Rs.	93.32
	The second secon							

@@@@@

500000

No.

4493.44 / Cum	4838.63 / Cum		7907.07 / Cum		9625.88 / cum	10744.93 / Cum		0207 40 /Cum	8307.49 / Cum		10202.48 / Cum	11436.85 / Cum		9562.83 / Cum	-	1201017 / Cum			7911.29 / Cum	8695.01 / Cum	9631.95 / Cum	10752.22 / Cum		10867.17 / Cum		-				707.41 /Sam			1040.00 /Sqm			1486.54 / Cum		2335.26 / Cum				1090.72	15.73	400.96	160.30	417.90	911,68	000	466.15	100.99	47.50	3611.93 / Cum	3644.93 / Cum		0.00
Rs	8		Rs	Rs	Ks			Do	2	Ks		Rs		Rs	Re				Rs	Rs	Rs	Rs		Rs			Rs		/Som	Rs	Rs	Rs	Rs			Rs	KS	Rs				Rs.	Rs.	Rs.	Rs.	Rs.	RS.	60	Rs.	Rs.	Rs.	Rs.	RS.		Rs.
																												1 0 com)	271.59363					(mps 0.	347.639846																	Total =	Total =		
33	3		=	=	=	=		11	36	= 2	= :	6		1	3	35	==		=	=	?	8		11	=	=	=	um or	Rs	=	=	=		m or 1	Rs	= 2	32	==										-							
98.63	98.63		254.40	305.28	366.33	439.60		296.20	230.20	4/3.44	5/0.53	684.63		652.17	782 60	939 12	1126.94		396.20	475.44	570.53	684.63		652.17	782.60	939.12	1126.94	for 0.0625 cum or 1.0 som)	=	396.20	475.44	570.53	684.63	Sqm for 0.08 cum or 1.0 sqm)	п	569.45	955.34	984.01	diam's and	ming on		/ Cum	/ Cum	/ Ontl.	/ Each	/ Each	/ Each		/cnm	/cnm	/orl			1489.88	
× whe	Sqm)	Sqm.)	×	×	×	×	,	odm)	4 :	×	×	×	Som	×	×	. *	× ×	Sqm)	×	×	×	×	Samil	×	×	×	×	Som	1	×	×	×	×)	×	×	× ×	The state of the state of the	Discussion		1090.72	56.19	296.66	458.00	398.00	308.00		466.15	360.67 /cum	70.68 /Qtl			ver GF	
172	וא נא	14	14	14	14	+14		10	01	10	07	10		000	00	0	. 60	6	6	6	6	6	10		10	10	10	-	0.0625	111	11	Ξ:	I	2	80.0	7 0	7 0	7 72	0	a company		@ Rs.	@ Rs.	@ Rs.	@ Rs.	@ KS.			@ Rs.	@ Rs.	@ Rs.			15% extra Labour over GF	
) +	for +(for	+	+	1+	+		ior + f		+ -	+	+	for)+	+	+	+	for	+	Į.	+)+	for	+	+	+	. J +	Jo.	×	+)+	ų,	+		×	+	+ -	+ +	22 44	9		Cum	Cum	Ontl.	Nos.	Nos.	NOS. 09%	2	cum	cum	P.O			15% ex	%0
(4345.50	Add C / S cost for (4345.50	Add C / S cost for	4345.50	4416.06	4497.21	4590.53	21.01	(Add C / S cost for	4416.06	440724	177644	4590.53	(Add C / S cost for	4345.50	4416.06	4497.21	4590.53	d C / S cost for	4345.50	4416.06	4497.21	4590.53	(Add C / S cost for	4345.50	4416.06	4497.21	4590.53	Add C / S cost for	4345.50	271.59	276.00	281.08	16.987	(Add C / S cost for	4345.50	347.64	92.000	367.24	. C. C	complete.		1.00 Cum	0.28 Cum			1,05			1.00	0.28	0.67			Add	
_	(Ad	(Ad	اب	-	_	_		DV)		٠	-	_	(Ad	_			_	(Add	_	_	٠	J	CAG	_			_	(Ad	2000	_	ب	٠,	_		0 0				- Hair	lty etc.			ν.	i								7		i	Ħ
Ground Floor	B) For Plinth Band Ground Floor	C) For Lintel Band	Ground Floor	1st Floor	Znd Floor	3rd Floor	D) Par Danfelah	Ground Floor	1st Floor	2nd Floor	Jud Floor	Srd Floor	E) For Beam	Ground Floor	1st Floor	2nd Floor	3rd Floor	F) For Stair Case	Ground Floor	1st Floor	2nd Floor	3rd Floor	G) For Column	Ground Floor	1st Floor	2nd Floor	3rd Floor	H) For Chhaia / Sam	i.e for 1.0 sqm RCC	Ground Floor	1st Floor	2nd Floor	3rd rioor	I) For Fins / Sqm	Le for 1.0 sqm RCC	Ground Floor	2nd Floor	3rd Floor	D Duiele menoment and the Co. 11 Co	cost, conveyance, royalty etc. complete.	A/R, Page-71, SI - (3)	Bricks	Sand	Cement	Mason Spl.	Mason	OHC + Contractors profit	Carriage& Royalty	Bricks	Sand	Cement	For Ciner Crusting add	and a more and	For 1st Floor	OHC + Contractors profit

BAN

For 3rd Floor For 3rd Floor For 4sh Drick masonary in cm. (1.6) Including watering and carding with coext. contractors provide For 4sh Drick masonary in cm. (1.6) Including watering and carding with coext. conveyance, repairly and all balour; TaP excenning and carding with coext. conveyance, repairly and all balour; TaP excenning and carding with coext. Conveyance, repairly and all balour; TaP excenning and carding with coext. Conveyance, repairly and all balour; TaP excenning and carding with coext. Conveyance, repairly and all balour; TaP excenning and carding all coext. Conveyance & rays type of part				220				Total	Rs.	4125.41	/ Cum
Fry Ash Larick masonary in c.m.(1:6) including watering and curring with cost, covaring covaring, expaility and all labour, T&F etc.complete. [238.11x8cm] 1.00 C.m.		For 3rd Floor OHC+Contractors profit	Add	15% exti 0%	ra Labour ove	er SF	1970.37	Total		295.55 0.00 4420.97 /	/ Cum
Cab Brick 1.00 Cam @ Rs 55.19 Cam Rs 138.01 Cam Cas Brick Ca	150	Fly Ash .brick masonary in c cost,conveyance, royality ar	c.m.(1:6) inc	luding wa	tering and complete.	uring with					
Comment		l one	1.00 0	E	@ Rs.	1398.13 /	Cum		Rs.	1398.13	
Comment		TIXOCILI	0.28	mı	@ Rs.	56.19 /	Cum		Rs.	15.73	
Mason Spl. 105 Nos. 6 Rs. 398.00 / Each Rs. 48.00 / Each Mason Spl. 105 Nos. 6 Rs. 398.00 / Each Rs. 48.00 / Each Mason Off-Cachtactors profit 0.29 c.um 6 Rs. 308.00 / Each Rs. 398.00 / Each R		nt		Qutl.	@ Rs.	296.66 /	Qutl.		Rs.	400.96	
Mulson - 105 Nors		Mason Spl.	0.35 N	os.	@ Rs.	458.00 /	Each		Ks.	160.30	
Order Corriger& Royalty Corriger& Royalty Corriger& Royalty Li00 cam @ Rs. 545.39 / cam Rs. Stand February Rs. Stand February Stand Stan		Mason -	1.05 N	.so	@ Rs.	398.00 /	Each		RS.	417.90	
Curriage& Royalty 1.00 cum 0 Rs 545.39 / cum Rs 545.30 / cum		Mulia	2.96 N		@ Rs.	308.00 /	Each		RS.	000	
Sand		OHC + Contractors profit		%0					KS.	0.00	
Compact		Carriage& Koyany	1.00	ш	@ Rs.	545.39 /	cum		Rs.	545.39	
For Super Structure add		Sand	0.28		@ Rs.	360.67 /	cum		Rs.	100.99	
12 mm thick CP with CM (1:6) Including all cost, conveyance & royalty etc all complete. AR Page-103.Si-(4) 0.0015 Cum @ Rs. 56.19 / Cum Rs. 56.19		Cement	0.67	T	@ Rs.	70.68 /	Qtl	Total		47.50 3998.57 / Cum	- C
12 mm thick CP with CM (1:6) including all cost. conveyance & royalty etc all complete. A.P. Page-103.Si-(4) 0.015 Cum		For Super Structure add						Total		33.00 4031.57 / Cum	C
12 min thick CP with CM (1:6) including all cost, conveyance & royalty et all complete. Rs. Sand								Ing		1011001	,
Comment	[90	12 mm thick CP with CM (1:	:6) including	all cost, co	nveyance & r	oyalty etc a	Il complete.				
Carriage& Royalty Carriage& Royalt Carriage& Royalty Carriage & Royalty Carriage		Sand	0.015	nm	@ Rs.	56.19	, Cum		Rs.	0.84	
Mason 0.140 Nos. @ Rs. 398.00 / Each Rs. Mulia 0.120 Nos. @ Rs. 398.00 / Each Rs. Carriage& Royalty 0.015 Cam @ Rs. 70.68 /Qtl Total = Rs. Rs. For 1st Floor Add 3% extra Labour over GF 95.46 Rs. Rs. OHC + Contractors profit 0.09% extra Labour over FF 95.46 Rs. OHC + Contractors profit 0.09% extra Labour over FF 95.46 Rs. OHC + Contractors profit 0.09% extra Labour over FF 95.46 Rs. OHC + Contractors profit 0.09% extra Labour over FF 95.46 Rs. OHC + Contractors profit 0.09% extra Labour over FF 96.37 Total = Rs Rs. OHC + Contractors profit 0.09% extra Labour over FF 96.30 / Cam 0.004 OHC + Contractors profit 0.0044		Cament		Onti.	@ Rs.	596.66	ontl.		Rs.	21.36	
See Royalty		Mason	-	os.	@ Rs.	398.00 /	Each Each		Rs.	55.72	
Carriage& Royalty O.015 Cum @ Rs. 360.67 / cum Rs.		Mulia	0.120	.50	@ Rs.	308.00 /	/ Each		Rs.	36.96	
Carriage& Royalty 0.015 Cum @ Rs. 360.67 / cum Rs. Sand Cement 0.0358 Qtl @ Rs. 70.68 / Qtl Total = Rs. For 1st Floor Add 3% extra Labour over GF 95.46 Total = Rs For 2nd Floor Add 3% extra Labour over FF 95.46 Total = Rs For 2nd Floor Add 3% extra Labour over FF 95.46 Total = Rs OHC + Contractors profit 0% Total = Rs Rs. OHC + Contractors profit 0% Extra Labour over FF 95.46 Rs. OHC + Contractors profit 0.015 Cum @ Rs. 56.19 / Cum Rs. Cament 0.010 Nos. @ Rs. 398.00 / Each Rs. Mulai 0.010 Nos. @ Rs. 360.67 / Cum Rs. Carriage& Royalty 0.015 Cum @ Rs. 360.67 / cum Total Rs. For 1st Floor Add 3% extra Labour over GF 92.68 Total Rs. For 2nd Floor Add </td <td></td> <td>OHC + Contractors profit</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Rs.</td> <td>00'0</td> <td></td>		OHC + Contractors profit							Rs.	00'0	
Sand		Carriage& Royalty	200.00		4 1	100			0	E.41	
For 1st Floor		Sand	0.015	um	@ Rs.	360.67	/cum		Rs.	2.53	
For 1st Floor Add 3% extra Labour over GF 92.68 F.S.		Cement	00000	D.	E III	ann)	3	Total			/ Sqm
For 2nd Floor		For 1st Floor	Add	3% ex	tra Labour ov	ver GF	92.68			2.78	
Por 2nd Floor		OHC + Contractors profit		%0				Total		125.60	Som
For 2nd Floor			25.45	700	To bearing	22	95.46	10191		2.86	5
For 3rd Floor		For 2nd Floor	Add	3% ex	tra Labour ov	ver FF	95.46		Rs	0000	
For 3rd Floor Add 3% extra Labour over SF 98.32 Rs.		One + condactors prom		200				Total		128.47 / Sqm	Sc
12 mm thick Cement Plaster with C.M (1:4) including all cost, conveyance & royalty etc all complete. A/R, Page-103. SI - (6) Sand O.015 Cum @ Rs. 56.19 / Cum Rs. Sand	`	For 3rd Floor	Add	3% ex	tra Labour ov	ver SF	98.32			2.95	
12 mm thick Cement Plaster with C.M (1:4) Including all cost, conveyance & royalty etc all complete. A/R, Page-103, SI - (6) A/R, Page-103, SI		OHC + Contractors profit		%0				Total		131.42 / Sqm	S
RS. 0.015 Cum	Ξ	12 mm thick Cement Plasts complete. A/R, Page-10	o3, SI - (6)	1:4) includ	ling all cost, c	conveyance	& royalty etc	all			
nt - 0.0644 Qntl.		Sand	0.015	Jum.	@ Rs.	56.19	/ Cum		Rs.	0.84	
Contractors profit 0.140 Nos.		Cement	0.0644	Ontl.	@ Rs.	296.66	/ Qntl.		Rs.	38.45	
Contractors profit 0.120 Nos. @ Rs. 308.00 / Each Rs. S. Gontractors profit 0.0644 Qntl. @ Rs. 70.68 / cum Rs. Total = Rs. Contractors profit 0.0644 Qntl. @ Rs. 70.68 / cum Total = Rs. Contractors profit 0.0644 Qntl. @ Rs. 70.68 / cum Total = Rs. Contractors profit 0.0644 Qntl. @ Rs. 70.68 / cum Total = Rs. Contractors profit 0.064 Qntl. Rs. Contractors profit 0.06 extra Labour over FF 95.46 Rs. Contractors profit 0.06 extra Labour over SF 98.32 Rs. Contractors profit 0.06 extra Labour over SF 98.32 Rs. Rs. Contractors profit 0.06 extra Labour over SF 98.32 Rs. Contractors profit 0.06 extra Labour over SF 98.		Mason	0,140	Nos.	@ Rs.	398.00	/ Each		. Rs.	55.72	
Contractors profit 0%		Mulia	0.120	Vos.	@ Rs.	308.00	/ Each		Rs.	36.96	
Rs.		OHC + Contractors profit		%0					Ks.	0.00	
No.		Carriage& Royalty	2100		@ Re	360.67	/cam		Rs.	5.41	
Add 3% extra Labour over GF 92.68 Add 3% extra Labour over FF 95.46 Add 3% extra Labour over FF 98.32 Add 3% extra Labour over SF 98.32 Total = Rs. Total = Rs.		Sand	0.0644	Ontl.	@ Rs.	70.68	/cnm		Rs.		
Add 3% extra Labour over GF 92.68 Rs. 7048 Rs. 7041 = Rs Add 3% extra Labour over FF 95.46 Total = Rs Add 3% extra Labour over SF 98.32 Add 3% extra Labour over SF 98.32 Total = Rs Rs.								Total	= Rs.	141.91	/ Sqm
Add 3% extra Labour over FF 95.46 Rs. O% Total = Rs Add 3% extra Labour over SF 98.32 Rs. O% Total = Bs		For 1st Floor OHC + Contractors profit	Add	3% e>	ttra Labour o	ver GF	92.68	Tates		0.00 144.69 / Sam	3
Add 3% extra Labour over FF 95.46 Rs. 7 Total = Rs Add 3% extra Labour over SF 98.32 Rs. 7 Total = Rs			3			***	200	10131		286	-
Add 3% extra Labour over SF 98.32 Rs. 0% Total - Be		For 2nd Floor OHC + Contractors profit	Add	3% es 0%	ctra Labour o	iver FF	95.46	Total	Rs.	0.00	/ Som
Add 3% extra Labour over 3r 20.52 RS. 0% Total - Be				100	the Labour	DO AGE	98.32	1		2.95	
- 12		For 3rd Floor OHC + Contractors profit	Add	%0	cua raponi o	Je iak	3000C	Total	= Rs	0.00 150.50 / Sqm	8

对

OHC + Contractors profit Carriage& Royalty Sand	- 0.160 Nos.	0.043 Qntl. 0.160 Nos.	@ Rs.	398.00 / Fach		Rs.	1.01
Carriage& Royalty Sand		Nos.	@ Rs.	308.00 / Each		Rs.	63.68
Salid		0.10				. Rs.	0.00
Cement	0.018 cum 0.043 Qntl.		@ Rs. @ Rs.	360.67 /cum 70.68 /Qtl		Rs.	6,49
For 1st Floor OHC + Contractors profit	Add	3% extra La 0%	extra Labour over GF	r GF 137.60	Total	" Rs.	173.80 / Sqm 4.13
For 2nd Floor OHC + Contractors profit	Add	3% extra Labour over FF 0%	bour ove	r FF 141.73	Total	= RS	0.00 177.93 / Sqm 4.25
For 3rd Floor OHC + Contractors profit	Add	3% extra Labour over SF 0%	bour over	rSF 145.98	Total	RS. RS.	182.18 / Sqm 4.38 0.00
20 mm thick CP with CM (1:6) including all cost, conveyance & royalty etc. complete for	with CM (1:6) including	all cost, conveya	nce & roy	alty etc. complete for	Total	RS =	186.56 / Sqm
Sand A N. Fag	(e-103, SI - (8)						
Cement	0.057	-	@ Rs.	56.19 / Cum		Rs.	1.18
Mason	Z			398.00 / Fach		Rs.	34.01
OHC + Contractors profit	0,240 Nos.	%0		308.00 / Each		Rs.	63.68
Carriage& Royalty		200				Rs.	0.00
Sand	0.021 cum 0.057 Qtl		@ Rs.	360.67 /cum 70.68 /Qtl		Rs.	7.57
For 1st Floor	Add	3% extra Labour over GF	our over (3F 137.60	Total .	= Rs.	184.39 / Sqm
one + contractors profit		%0				Rs.	4.13
For 2nd Floor OHC + Contractors profit	Add	3% extra Labour over FF 0%	our over F	TF 141.73	Total	= Rs	188.52 / Sqm 4.25
For 3rd Floor	Add	3% avers [abo			Total	" Rs	0.00 192.77 / Sam
OHC + Contractors profit		0%	ur over S	F 145.98		0	-
					Total	= Rs	197.15 / Sqm
20 mm thick cement plaster with CM (1:4) on stone mansonry including all cost etc. complete. A/R, Page-106, SI - (17)	er with CM (1:4) 6. SI - (17)	on stone manso	nry inclu	ding all cost etc.			
101	0			56.19 / Cum		9	•
Mason	0.0744 Qn	tl. @		596.66 / Qntl.		RS.	1.18
Mulia	0.240 Nos.	@ @	Rs. 39	398.00 / Each		Rs.	63.68
OHC + Contractors profit		0%0		308.00 / Each		Rs.	73.92
Sand	1000					Rs.	0.00
Cement	0.074 Qntl.	@ Rs.		360.67 /cum 70.68 /Qtl		Rs.	7.57
	2				Total	= RS.	196.00 / Sam
6 mm thick Cement Plaster with C.M (1:4) on ceiling including all cost, conveyance & royalty etc. complete. A/R, Page-109, SI - (2.5)	with C.M (1:4) or 9. SI - (26)	n ceiling includir	ng all cost	; conveyance & royal	ž.		
Sand	0.0075 Cum	@ Re	ŭ	10 10			
Cement	0.0271 Qntl.			796 66 / Cum		Rs.	0.42
Mason	0.140 Nos,			398.00 / Each		Rs.	16,17
1 Contraction and Co.	0.120 Nos.			308.00 / Each		Rs.	55.72
Carriage & Royalty	0	%0				Rs.	36.96
Gement	0.0075 Cum 0.0271 Qntl.	@ Rs. @ Rs.		360.67 /cum 70.68 /cum		Rs.	2,71
I .					Total	= Rs. 1	113.89 / Sqm
For 1st Floor OHC + Contractors profit	Add 3	3% extra Labour over GF 0%	over GF	36.96			1.11
For 2nd Floor OHC + Contractors profit	Add 3%	3% extra Labour over FF 0%	over FF	38.07	Total		0.00 115.00 / Sqm 1.14
						Rs.	0.00

क्र

	0.0				1	
		0,0		Total	RS RS	0.00 117.32 / Sqm
2.5cm thick grading concrete over roof slab with CC (1:2:2) using 4.7 mm size chips including all cost, conveyance royalty etc. A.P. Dang, 100, cd. (202)	crete over roof slab with	n CC (1:2:2) us e.	sing 4.7 mm size chips			
Chips- 4.70mm	0.017 Cum	@ Rs.	713,33 / Cum		Be	11.00
Sand	0.017 Cum	@ Rs.			Rs.	0.95
Mason spl.	0.1208 Que.	® Ks.			Rs.	72.08
Mulia	0.360 Nos.	@ Re	308 00 / Each		Rs.	45.80
OHC + Contractors profit	%0		רמרוו		Rs.	0.00
Chins	2100					
Sand	0.017 cum	@ Rs.	455.67 /cum		Rs.	7.66
Cement	0.1208 Ontl.	@ Rs	360.67 /cum		Rs.	6.10
			n3/ onn/	Total	= Rs.	8.54 263.98 / Sqm
For 1st Floor OHC + Contractors profit	Add 5% e	5% extra Labour over GF	wer GF 156.68			7.83
For 2nd Floor	Add 50%			Total	= RS	0.00 271.81 / Sqm
OHC + Contractors profit		0% extra Labour over FF	Ver FF 164,51		Rs.	8.23
For 3rd Floor	Add 5% e9	5% extra Labour over SF	ver SF 172.74	Total	= Rs	280.04 / Sqm
one + conductors pront	%0			Total	= Rs	0.00 288.68 / Sam
ick A.S. Hooring 7 etc. complete.	with CC (1:2:4) using 12 mm A/R, Page-84, SI - (2)	size chips in	cluding all cost, convey.			
	0.023 Cum	@ Rs.	1063.81 / Cum		De	24.47
Sand	0.012 Cum	@ Rs.			Rs.	24.47
Cement	0.0858 Qntl,	@ Rs.	596.66 / Qutl.		Rs.	51.19
Mulia	0.130 Nos.	@ Rs.	458.00 / Each		Rs.	59.54
OHC + Contractors profit	0%0	(e no.	308.00 / Each		Rs.	110.88
Carriage& Royalty					N3:	0.00
Sand	0.023 cum	@ Rs.	455.67 /cum		Rs.	10.48
Cement	0.086 Qntl.	@ Rs.	360.67 /cum 70.68 /OH		Rs.	4.33
			200	Total	= Rs.	267.63 / Sqm
For 1st Floor	Add 5% ext	5% extra Labour over GF	er GF 170.42			852
One + Contractors profit	9			Total	Rs.	0.00 276.15 / Sam
OHC + Contractors profit	Add 5% ext	5% extra Labour over FF 0%	er FF 178.94			8.95
For 3rd Floor				Total	= Rs	285.10 / Sqm
OHC + Contractors profit		5% extra Labour over SF	er SF 187.89			
				Total	= Rs	0.00 294.49 / Sqm
Proving, straighting cutting, bending, binding of MS Tor bar including tying the grill and placing in proper-position including cost of 18 to 20 gauge binding wires and Tor Rod with all labours errall complete.	g, bending, binding of lading cost of 18 to 20 g	MS Tor bar in	ncluding tying the grill: wires and Tor Rod with	and h all		
(For 1 MT) A/R, Page-52, SI - 9(A)	1-9(A)					
HYSD Bar	10.500 Qtl	@ Rs.	5200.00 / Each		Rs.	54600.00
Black Smith Spl.	3.000 Nos.	@ Rs.	458.00 / Each	-	Rs.	1374.00
Mare	8.000 Nos.	@ Rs.	308.00 / Each		Rs.	2464.00
Binding Wire	8.000 Kas	@ Rs.	348.00 / Each		Rs.	153.12
OHC + Contractors profit	0.000 00%	W KS.	85.00 / Each		Rs.	680.00
Carriage& Royalty					Rs.	0.00
HYSD Bar	10.500 Qtl	@ Rs.	70.68 /Qtl		Rs.	742.16
				Total say		60013.28 / MT 6001.33 / OH
						TO COLUMN

-000000

200000

-00000

and the

2000000

Rs. 0.00		9	Rs. 0.00 Rs 6064.24 / Qtl.		Rs. 51.01		15	Rs. 434.01 / 9.30 Sar		Rs 47.90 / Sqm	1.27	Rs 49.18 / Sqm		Rs 50.49 / Sqm			Rs. 82.31		22	Rs. 540.31 / 9.30Son	58.10		Rs. 0.00 Rs 59.57 / Sam		Rs. 0.00	1.57	Rs. 0.00 Rs 62.66 / Sqm				Rs. 572.50		Rs. 0.00	Rs. 116.99 / Sqm		Rs. 0.00 Rs 119 93 / Sam	3.03	0.00			s 126.07 / Sqm				
1		Total = Rs	Rs.		8	R	2 4	Total = R		Total = R	0	Total = R	0	Total = R			×	R	~ 1	Total = R			Total = R		Total - D		Total = R			6	X X	2		say R		Total = R			Total = Rs		Total = R	=	Rs	24 6	KS
	419.07		440.02	iding all costs etc	/Ltr	458.00 / Each	308.00 / Each		41.18		42.42		43.69		ig all costs etc		/Ltr	/ Each	458.00 / Each			49.25		50.72		52.25			t including all	1	458.00 / Each	308.00 / Each			66'26		100.93		103 96	7,504		ming including a			
	5% extra Labour over FF		5% extra Labour over SF 0%	dde primer inclu			@ Rs. 308.00		oour over GF		oour over FF		oour over SF		primer includin		@Rs. 118.00 / Ltr		@ Rs. 458.00			our over GF		Jour over FF		our over SF			/ood/Iron work	De 121 07					our over GF		our over FF		Ay rough CF	out oake on		over a coat of pri)	~	1
%0	5% extra Lal	%0	5% extra Lal 0%	nith any approved red ox A/R. Page-93, SI - (1)			Onc	0.50	3% extra Labour over GF	0.70	3% extra Labour over FF		3% extra Labour over SF	0.70	approved wood	A/R, Page-93, SI-(1)			000	0,40		3% extra Labour over GF	0%0	3% extra Labour over FF	%0	3% extra Labour over SF	%0	1	on new/old W	g			%0		3% extra Labour over GF	%0	3% extra Labour over FF	%0	3% extra Lahour over SF	%0		on Iron work	116.99	119.93	166.73
	Add	3	Add	vork with any a	0.5022 Lit	0.50 No	0.50 Nos.		Add		Add		Add		work with any	1) A/R, Page	0.6975 Lit	0.50 Nos.	0.50 Nos.			Add		Add		Add			approved paint plete.	age-93, Sl - (3)	1.25 Nos.	1.10 Nos.	-		Add		Add		Add	navy.		approved paint	-	47.90 +	
OHC + Contractors profit	For 2nd Floor	OHC + Contractors profit	For 3rd Floor OHC + Contractors profit	Priming one coat to steel work with any approved red oxide primer including all costs etc complete. (Data for 9.30 Sqm) A/R, Page-93, SI - (1)	Primer -	r Spl.	Mulia Contractors made	one + contractors pront	For 1st Floor	and company blam	For 2nd Floor OHC + Contractors profit		For 3rd Floor	and comments and	Priming one coat to wood work with any approved wood primer including all costs etc	complete. (Data for 9.30 Sqm)	Primer	Painter Spl.	Mulia Contractions and the	One + condactors pront		For 1st Floor	One + contractors pront	For 2nd Floor	OHC + Contractors profit	For 3rd Floor	OHC + Contractors profit		Painting two coat with any approved paint on new/old Wood/Iron work including all cost.carriage.royalty etc complete.	(Data for 9.30 Sqm) A/R, Page-93, SI - (3)	Painter Spl.	Mulia	OHC + Contractors profit		For 1st Floor	OHC + Contractors profit	For 2nd Floor	OHC + Contractors profit	For 3rd Floor	OHC + Contractors profit		Painting two coat with any approved paint on Iron work over a coat of priming including all cost. carriage rovalty etc omplete.	Ground Floor (4	1st Floor (4	
	-	-		7											15]														8													16			

物



OPELIP

ODISHA PVTG EMPOWERMENT & LIVELIHOODS IMPROVEMENT PROGRAMME (ST & SC Development Department)
Govt. of Odisha

Letter No.

Programme Management Unit TDCCOL Building, 2nd Floor, Bhoi Nagar, Bhubaneswar, Tel: (91) 674 – 2542709 Tele-fax: 2541772, Email: <u>support@ropelip.org</u>

File:314/2020

Date: 05-02-2021

From

Shri. P Arthanari, IFS Programme Director, OPELIP

To

The Special Officers, 17 MPAs

Regarding tentative model estimate of Solar based HH Drinking water supply project from existing bore well/tube well. Sub:

Sir,

initiated under different components like Confidence building measures/CCD/SCA to TSS. In this regard, tentative estimate for solar based HH drinking water project in bore well/tube given preference to the Market price. A maximum 10% deviation may be allowed keeping in view of extra lead, manual head load and structural requirement as per the site condition With reference to the subject cited above, I am to intimate that the solar based house hold drinking water supply projects in existing bore well/tube well have been proposed to be well as source has been enclosed. In this case, the pipe rate pertaining to EPM rate may be while executing the aforementioned projects.

00

You are therefore intimated to inform the person concerned to follow the above instructions strictly.

Enclosure: As above

Yours faithfully,

Programme Director

TETATIVE ESTIMATE FOR HOUSE HOLD DRINKING WATER FROM EXISTING BORE WELL

SI. No	Items of work	unit	Qnty	Qnty Rate(Rs.)	Amount(Rs.)
1	Foundation works (foundation excavation, column footing & column erection, plinth beam & fixing foundation bolts) for Erection of G.I. Structure	FS	-	10000.00	10,000.00
2	Supply of G.I. Structure for holding 2000 lit PVC tank and solar panels, controller (about 450kg)	1 Set	1	45000.00	45,000.00
3	Solar Pannel-325 watt (Poly Pannel)	No.	3	100000.00	30,000.00
4	Solar Motor - 1 HP D.C (MNRE approved) with Controller	No.	1	45000.00	45,000.00
2	Plumbing Materials (40 mm dia wire rope to hold the D.C motor, Pipe and other fittings)	1 set	1	18000.00	18,000.00
9	Pipe and other fittings (From main source to Syntax) with 63 mm HDPE pipe- around 60 mt.@Rs.120.31/mt	LS	1	10000	10,000.00
7	Supplying 2000 lit PVC tank (ISI Mark)	Lit	2000	7.00	14,000.00
8	1" HDPE pipe 300 mtr-Out let and distribution Cost for 25 Nos of stand Post	Mt	300	27.39	8,217.00
6	Construction of stand post for outlet	No.	25	1200.00	30,000.00
10	Fitting cost for distribution	FS	1	5000.00	5,000.00
11	Barbed Wire, Earthing and lighting arrestor	1 Set	1	18000.00	18,000.00
12	Labour charges for Fitting, fixing of the structure	LS	1	100000.00	10,000.00
13	Transportation charges L.S.	TS	1	5000.00	5,000.00
14	Contingency 1%				2,482.17
	Total				250,699.17
	or Sav- Two lakh fifty thousand Rupees only				250000.00







OPELIP

ODISHA PVTG EMPOWERMENT & LIVELIHOODS IMPROVEMENT PROGRAMME (ST & SC Development Department)

Govt. of Odisha



Programme Management Unit TDCCOL Building, 2nd Floor, Bhoi Nagar, Bhubaneswar, Tel: (91) 674–2542709 Tele-fax: 2541772, Email: support@opelp.org

O COMPANY

Date: 05.02. 2021

366

Letter No.

Programme Director, OPELIP

Shri. P Arthanari, IFS

From

The Special Officers, 17 MPAs

To

File:314/2020

Regarding tentative model estimate Water Purification pilot project.

Sub:

Sir,

00

pilot projects have been proposed to be initiated under Community Infrastructure component

under AWP & B 2020-21. In this regard, tentative estimate for solar based water purification

pilot project in bore well/tube well as source has been enclosed. In this case, the pipe rate

With reference to the subject cited above, I am to intimate that the water purification

00

pertaining to EPM rate may be given preference to the Market price. A maximum 10%

deviation may be allowed keeping in view of extra lead, manual head load and structural

requirement as per the site condition while executing the aforementioned projects.

You are therefore intimated to inform the person concerned to follow the above

instructions strictly.

Enclosure: As above

Yours faithfully,

00

Programme Director

TENTATIVE ESTIMATE-SOLAR BASED WATER PURIFICATION PILOT PROJECT

Name of the work: Construction of RO Water Purifier System/Plant 250 Liter Per hour Stainless Steel Automatic in bore well/Tube well as source.

00

Raw water tank=> Raw water Pump=>Dual Media Filter=> Activated Carbon Filter (ACF)=> Anti Scalant Dosing System (Tank&Pump)=> Micron Cartridge Filter=>High Pressure Pump=> Reveres Osmosis Membrance

200	Module 1 Todate Hatel Storage Lann					
SI	Description Items	Unit	Qnty	Rate(Rs.)		Amount(Rs.)
-	Solar Pannel-325 watt (Poly Pannel)	No.	3	10000.00 Rs	Rs	30000000
N	Solar Motor - 1 HP D.C (MNRE approved) with Controller	No.	1	45000.00 Rs	Rs	45000.00
m	Pipe and other fittings (From main source to Pilot unit) with 63 mm HDPE pipe- around 60 mt.@Rs.120.31/mt	TS	1	10000.00 Rs	Rs	10000.00
4	Plumbing Materials (40 mm dia wire rope to hold the D.C motor, Pipe and other fittings)	1 set	1	18000.00 Rs	Rs	18000.00
9	Construction of Room with RCC roof (8'x8') for holding 2000 lit PVC- Raw water tank and solar panels, controller	No.	1	70000.00 Rs	Rs	70000.00
1	7 Supplying 2000 lit PVC Raw water tank(ISI mark)	lit	2000	7.00 Rs	Rs	14000.00
00	Purification Unit(Supplying and instalation of 250 LPH Commercial RO Water Purifier System/Plant 250 Liter Per Phour Stainless Steel Automatic).	1 Set	1	110000.00 Rs	Rs	110000.00
6	9 Supplying 2000 lit PVC Purified water tank(ISI mark)	lit	2000	7.00 Rs	Rs	14000.00
10	Construction of Platform 1 nos for Syntax Tank for purified water	No.	1	10000.00 Rs	Rs	10000.00
11	11 Construction of stand post for outlet	No.	30	1200.00 Rs	Rs	36000.00
12	1" HDPE pipe 300 mtr-Out let and distribution Cost for 30 Nos of stand Post	Mt	300	27.39 Rs	Rs	8217.00
13	13 Fitting cost for distribution	LS			Rs	2000:00
14	Barbed Wire, Earthing and lighting arrestor & often Contamy	1 Set	П	18000.00 Rs	Rs	18000,00
15	Maintenance for 5 Years	Each Year	ıx	2500.00 Rs	Rs	12500.00
					Rs	400717.00
			or	Say	Rs	400000000
18	18 Beneficiary Contribution				Rs	90200.00
						490200.00
16	16 Work Contigency		1%		Rs	4902.00
17	17 Labour Cess		1%		Rs	4902.00
					Rs	500004.00
1	Total cost		or	Say	Rs	5000000.00

00

Ja.

Name of the last o

and







01	Abstract	1	10	LDA, Morada	39
02	KKDA, Belgh <mark>ar</mark>	3	11	BDA, Mudulipada	43
03	SDA, Chandr <mark>agiri</mark>	7	12	DKDA, Parsali	47
04	DKDA, Chatikona	15	13	LSDA, Puttasing	51
05	JDA, Gonasik <mark>a</mark>	19	14	PBDA,Rugudakudar	55
06	PBDA, Jamar <mark>dihi</mark>	23	15	LSDA, Serango	59
07	HK&MDA, Jashipur	27	16	CBDA, Sunabeda	63
08	PBDA, Khuntagaon	31	17	TDA, Tumba	67
09	KKDA, Lanjigarh	35			







MPA wise Household Drinking Water Status (FY: 2021-22)

Sl. No.	District	Name of MPA	Physical Target As per AWP&B (R)	Financial Target (Project Support As per AWP&B (R) (Rs. in Lakh)	Physical Achievement (in Nos.)	Financial Achievement (Rs. in Lakh)
1	Malkangiri	BDA, Mudulipada	2	5.00	2	5.00
2	Nuapada	CBDA, Sunabeda	4	13.00	2	5.00
3	Rayagada	DKDA, Chatikona	2	5.00	2	5.00
4	Rayagada	DKDA, Parsali	2	5.00	2	5.00
5	Mayurbhanj	HKMDA, Jashipur	2	5.00	3	5.00
6	Keonjhar	JDA, Gonasika	2	5.00	2	5.00
7	Kandhamal	KKDA, Belghar	2	5.00	2	4.99
8	Kalahandi	MADA Laniinanh	3	7.50	2	5.00
8	Kalahandi	KKDA, Lanjigarh	*1	5.00	1	5.00
9	Mayurbhanj	LDA, Morada	2	5.00	3	5.00
10	Rayagada	LSDA, Putasing	2	5.00	2	5.00
11	Gajapati	LSDA, Serango	2	5.00	2	5.00
12	Anugul	PBDA, Jamardihi	2	5.00	2	5.00
13	Sundergarh	PBDA, Khuntagaon	2	5.00	2	3.90
14	Deogarh	PBDA,Rugudakudar	2	5.00	2	5.00
15	Gajapati	SDA, Chandragiri	4	10.00	6	9.92
16	Ganjam	TDA, Tumba	2	5.00	2	5.00
		 Total	37	100.50	39	88.81

*Water Purification Pilot Project of MPA KKDA, Lanjigarh







DEVELOPMENT AGENCY

Belghar, Kandhmal







	Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
	1	Belghar	Tibabali OUS, Germel	Solar Based HH Drinking Water Supply	249600	4
	2	Guma	Burabandh OUS, Saperi	Solar Based HH Drinking Water Supply	249600	5











MPA	KKDA, Belghar
District Name	Kandhamal
Block Name	Tumudibandh
GP Name	Belghar
VDC & Village	Tibabali OUS, Germel
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	199600
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	14
Year of Implementation	2021-22
Water Source	Chuan
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	2









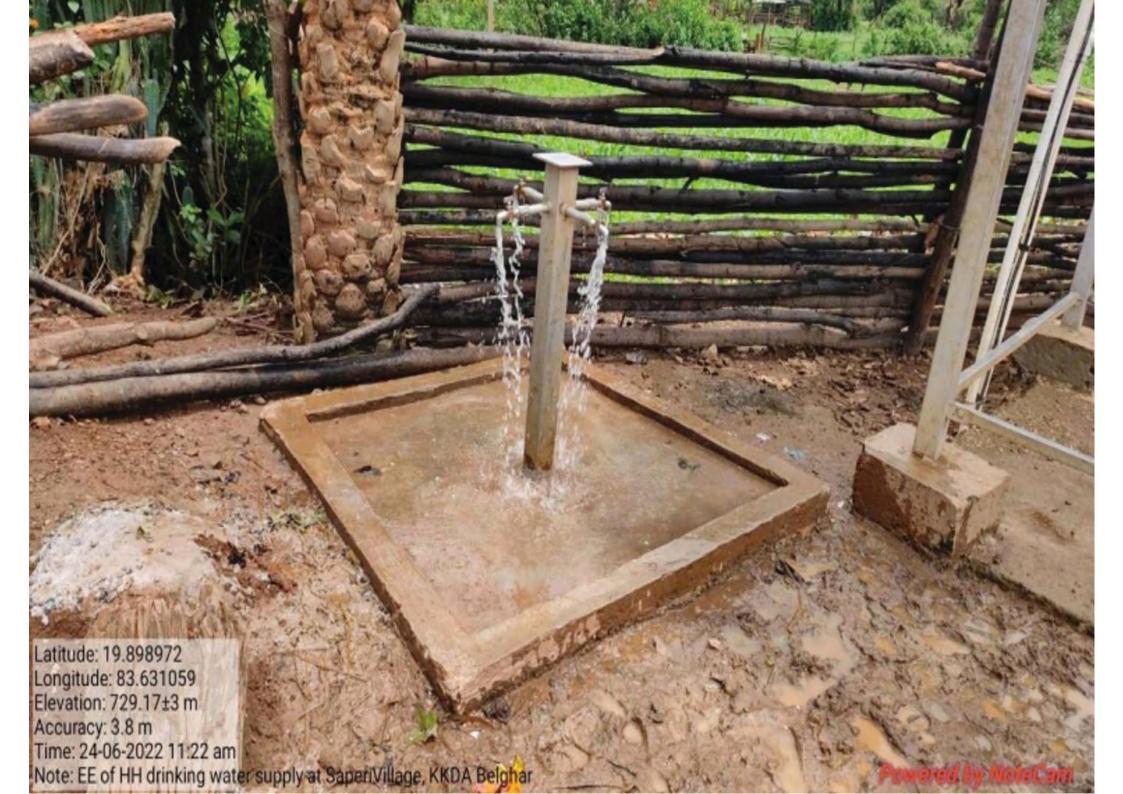




MPA	KKDA, Belghar
District Name	Kandhamal
Block Name	Tumudibandh
GP Name	Guma
VDC & Village	Burabandh OUS, Saperi
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	199600
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	14
Year of Implementation	2021-22
Water Source	Well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	3













DEVELOPMENT AGENCY

Chandragiri, Gajapati



Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Dhadiamba	Jodamba OPELIP VDC, Village: Chakadhar	Restoration of Solar HH Drinking Water Supply	114125	8
2	Dhadiamba	Polabandha OPELIP VDC, Village: Polabandha	Restoration of Solar HH Drinking Water Supply	196875	9
3	Baghamari	Patachanchada OPELIP VDC, Village: Pejapani	Restoration of Solar HH Drinking Water Supply	181250	10
4	Jeeranga	Sagada OPELIP VDC, Village: Sagada	Restoration of Solar HH Drinking Water Supply	250000	11
5	Manikapur	Guburiguda OPELIP VDC, Village: Saurasahi	Restoration of Solar HH Drinking Water Supply	133500	12
6	Badasindhaba	Jamadhia OPELIP VDC, Village: Kandalsahi	Restoration of Solar HH Drinking Water Supply	116500	13
	1 2 3 4 5	1 Dhadiamba 2 Dhadiamba 3 Baghamari 4 Jeeranga 5 Manikapur	1 Dhadiamba Jodamba OPELIP VDC, Village: Chakadhar 2 Dhadiamba Polabandha OPELIP VDC, Village: Polabandha 3 Baghamari Patachanchada OPELIP VDC, Village: Pejapani 4 Jeeranga Sagada OPELIP VDC, Village: Sagada 5 Manikapur Guburiguda OPELIP VDC, Village: Saurasahi 6 Badasindhaha Jamadhia OPELIP VDC, Village:	1 Dhadiamba Jodamba OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 2 Dhadiamba Polabandha OPELIP VDC, Village: Polabandha 3 Baghamari Patachanchada OPELIP VDC, Village: Pejapani Water Supply 4 Jeeranga Sagada OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 5 Manikapur Guburiguda OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 6 Badasindhaha Jamadhia OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply	1 Dhadiamba Jodamba OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 2 Dhadiamba Polabandha OPELIP VDC, Village: Polabandha OPELIP VDC, Village: Polabandha 3 Baghamari Patachanchada OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 4 Jeeranga Sagada OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 5 Manikapur Guburiguda OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply 6 Badasindhaha Jamadhia OPELIP VDC, Village: Restoration of Solar HH Drinking Water Supply Restoration of Solar HH Drinking Water Supply Restoration of Solar HH Drinking Water Supply Restoration of Solar HH Drinking Water Supply









MPA	SDA, Chandragiri
District Name	Gajapati
Block Name	Mohana
GP Name	Dhadiamba
VDC & Village	Jodamba OPELIP VDC, Village: Chakadhar
Activity	Restoration of Solar HH Drinking Water Supply
Finance (Project Support in Rs.)	91300
Beneficiary Contribution (in Rs.)	22825
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	10
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	9









Latitude: 19.349823 Longitude: 84.268282 Elevation: 666.25±7 m Accuracy: 3.2 m Time: 03-13-2022 10:48 Note: Drinking water supple



МРА	SDA, Chandragiri
District Name	Gajapati
Block Name	Mohana
GP Name	Dhadiamba
VDC & Village	Polabandha OPELIP VDC, Village: Polabandha
Activity	Restoration of Solar HH Drinking Water Supply
Finance (Project Support in Rs.)	157500
Beneficiary Contribution (in Rs.)	39375
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	30
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	22













MPA	SDA, Chandragiri
District Name	Gajapati
Block Name	Mohana
GP Name	Baghamari
VDC & Village	Patachanchada OPELIP VDC, Village: Pejapani
Activity	Restoration of Solar HH Drinking Water Supply
Finance (Project Support in Rs.)	145000
Beneficiary Contribution (in Rs.)	36250
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	15
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	15











МРА	SDA, Chandragiri
District Name	Gajapati
Block Name	Mohana
GP Name	Jeeranga
VDC & Village	Sagada OPELIP VDC, Village: Sagada
Activity	Restoration of Solar HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	34
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	11











MPA	SDA, Chandragiri
District Name	Gajapati
Block Name	Mohana
GP Name	Manikapur
VDC & Village	Guburiguda OPELIP VDC, Village: Saurasahi
Activity	Restoration of Solar HH Drinking Water Supply
Finance (Project Support in Rs.)	106800
Beneficiary Contribution (in Rs.)	26700
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	14
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	10













MPA	SDA, Chandragiri
District Name	Gajapati
Block Name	Mohana
GP Name	Badasindhaba
VDC & Village	Jamadhia OPELIP VDC, Village: Kandalsahi
Activity	Restoration of Solar HH Drinking Water Supply
Finance (Project Support in Rs.)	93200
Beneficiary Contribution (in Rs.)	23300
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	16
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	16











Dongria Kandh

DEVELOPMENT AGENCY

Chatikona, Rayagada











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Daliakuji	Paramaguda OUS	Extension of HH Drinking Water Supply	250000	16
2	Munikhol	Merkabandali & Srambi	Extension of HH Drinking Water Supply	250000	17









MPA	DKDA, Chatikona
District Name	Rayagada
Block Name	Bissamcuttack
GP Name	Daliakuji
VDC & Village	Paramaguda OUS
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	13
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	5000
No. of Stand Post	13











MPA	DKDA, Chatikona
District Name	Rayagada
Block Name	Muniguda
GP Name	Munikhol
VDC & Village	Merkabandali & Srambi
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	25
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	3000
No. of Stand Post	25













DEVELOPMENT AGENCY

Gonasika, Keonjhar











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Kuanra	Kanjipani	Solar Based HH Drinking Water Supply	250000	20
2	Baragarh	Hatisila	Solar Based HH Drinking Water Supply	250000	21









MPA	JDA, Gonasika
District Name	Keonjhar
Block Name	Bansapal
GP Name	Kuanra
VDC & Village	Kanjipani
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	30
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	15











MPA	JDA, Gonasika
District Name	Keonjhar
Block Name	Bansapal
GP Name	Baragarh
VDC & Village	Hatisila
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	20
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	15











Paudi Bhuyan

DEVELOPMENT AGENCY

Jamardihi, Anugul











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Nagira	Kadambinipur OUS	Solar Based HH Drinking Water Supply	250000	24
2	Nagira	Rugudidiha OUS	Solar Based HH Drinking Water Supply	250000	25







MPA	PBDA, Jamardihi
District Name	Angul
Block Name	Pallahara
GP Name	Nagira
VDC & Village	Kadambinipur OUS
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	26
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	10













МРА	PBDA, Jamardihi
District Name	Angul
Block Name	Pallahara
GP Name	Nagira
VDC & Village	Rugudidiha OUS
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	25
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	16









Hill khadia & Mankirdia





Jashipur, Mayurbhanj











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Tato	Biunria	Extension of HH Drinking Water Supply	100000	28
2	Gudgudia	Gudgudia	Extension of HH Drinking Water Supply	145000	29
3	Gudgudia	Khejuri	Extension of HH Drinking Water Supply	255000	30









MPA	HK&MDA, Jashipur
District Name	Mayurbhanj
Block Name	Karanjia
GP Name	Tato
VDC & Village	Biunria
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	80000
Beneficiary Contribution (in Rs.)	20000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	25
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	25













MPA	HK&MDA, Jashipur
District Name	Mayurbhanj
Block Name	Jashipur
GP Name	Gudgudia
VDC & Village	Gudgudia
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	115000
Beneficiary Contribution (in Rs.)	30000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	12
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	12











MPA	HK&MDA, Jashipur
District Name	Mayurbhanj
Block Name	Jashipur
GP Name	Gudgudia
VDC & Village	Khejuri
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	205000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	34
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	34









Paudi Bhuyan

DEVELOPMENT AGENCY

Khuntagaon, Sundergarh











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Bhutuda	Kemsila	Extension of HH Drinking Water Supply	250000	32
2	Bhutuda	Raisuan	Bore well	140000	33





MPA	PBDA, Khuntagaon
District Name	Sundargarh
Block Name	Lahunipara
GP Name	Bhutuda
VDC & Village	Kemsila
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	38
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	7









МРА	PBDA, Khuntagaon
District Name	Sundargarh
Block Name	Lahunipara
GP Name	Bhutuda
VDC & Village	Raisuan
Activity	Bore well
Finance (Project Support in Rs.)	140000
Beneficiary Contribution (in Rs.)	
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	35
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	
Storage Tank capacity (Liter)	
No. of Stand Post	









Kutiakandha

DEVELOPMENT AGENCY

Lanjigarh, Kalahandi











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Chhatrapur	Tangankana	Gravity Based HH Drinking Water Supply	250000	36
2	Lanjigarh	Lanjigarh	Solar Based HH Drinking Water Supply	250000	37
3	Chhatrapur	Tangankana	Water Purification Pilot Project & Solar Based HH Drinking Water Supply	500000	38









MPA	KKDA, Lanjigarh
District Name	Kalahandi
Block Name	Lanjigarh
GP Name	Chhatrapur
VDC & Village	Tangankana
Activity	Gravity Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	12
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	5000
No. of Stand Post	12













MPA	KKDA, Lanjigarh
District Name	Kalahandi
Block Name	Lanjigarh
GP Name	Lanjigarh
VDC & Village	Lanjigarh
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	10
Year of Implementation	2021-22
Water Source	Well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	10











MPA	KKDA, Lanjigarh
District Name	Kalahandi
Block Name	Lanjigarh
GP Name	Chhatrapur
VDC & Village	Tangankana
Activity	Water Purification Pilot Project & Solar Based HH
Finance (Project Support in Rs.)	400000
Beneficiary Contribution (in Rs.)	100000
Source	IFAD
Scheme	Community Infrastructure
No. of Benefitted Household	35
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	16



























Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Chikitamtia	Chikitamatia	Extension of HH Drinking Water Supply	198750	41
2	Chikitamtia	Ghadabandha	Extension of HH Drinking Water Supply	116250	42
3	Baghda	Gangasole	Extension of HH Drinking Water Supply	185000	43







MPA	LDA, Morada
District Name	Mayurbhanj
Block Name	Chikitamatia
GP Name	Chikitamtia
VDC & Village	Chikitamatia
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	159000
Beneficiary Contribution (in Rs.)	39750
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	41
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	29













MPA	LDA, Morada
District Name	Mayurbhanj
Block Name	Ghadabandha
GP Name	Chikitamtia
VDC & Village	Ghadabandha
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	93000
Beneficiary Contribution (in Rs.)	23250
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	26
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	26











MPA	LDA, Morada
District Name	Mayurbhanj
Block Name	Gangasoloe
GP Name	Baghda
VDC & Village	Gangasole
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	148000
Beneficiary Contribution (in Rs.)	37000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	43
Year of Implementation	2021-22
Water Source	Tube well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	28











DEVELOPMENT AGENCY

Mudulipada, Malkangiri











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Mudulipada	Pindajangar, Village: Kadaguda	Extension of HH Drinking Water Supply	250000	44
2	Mudulipada	Kichapada	Extension of HH Drinking Water Supply	250000	45









MPA	BDA, Mudulipada
District Name	Malkangiri
Block Name	Khairput
GP Name	Mudulipada
VDC & Village	Pindajangar, Village: Kadaguda
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	20
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	5000
No. of Stand Post	20













MPA	BDA, Mudulipada
District Name	Malkangiri
Block Name	Khairput
GP Name	Mudulipada
VDC & Village	Kichapada
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	20
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	5000
No. of Stand Post	20









Dongria Kandh

DEVELOPMENT AGENCY

Parsali, Rayagada











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Parsali	Bada Denginali, Village: Mayabali	Extension of HH Drinking Water Supply	250000	48
2	Parsali	Chatikona	Extension of HH Drinking Water Supply	250000	49







MPA	DKDA, Parsali
District Name	Rayagada
Block Name	Kalyansingpur
GP Name	Parsali
VDC & Village	Bada Denginali, Village: Mayabali
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	14
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	30









MPA	DKDA, Parsali
District Name	Rayagada
Block Name	Kalyansingpur
GP Name	Parsali
VDC & Village	Chatikona
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	14
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	5000
No. of Stand Post	14















DEVELOPMENT AGENCY

Putasing, Rayagada











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Abada	Regedesing	Extension of HH Drinking Water Supply	250000	52
2	Sagada	Sagada, Village: Gudada	Extension of HH Drinking Water Supply	250000	53







MPA	LSDA, Puttasing
District Name	Rayagada
Block Name	Gunupur
GP Name	Abada
VDC & Village	Regedesing
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	28
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	3000
No. of Stand Post	28











MPA	LSDA, Puttasing
District Name	Rayagada
Block Name	Gunupur
GP Name	Sagada
VDC & Village	Sagada, Village: Gudada
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	32
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	3000
No. of Stand Post	32













DEVELOPMENT AGENCY

Rugudakudar, Deogarh











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Golabandha	Golabandha OGUS	Solar Based HH Drinking Water Supply	250000	56
2	Jalisuan	Jalisuan OGUS	Solar Based HH Drinking Water Supply	250000	57









MPA	PBDA,Rugudakudar
District Name	Deogarh
Block Name	Barkote
GP Name	Golabandha
VDC & Village	Golabandha OGUS
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	5
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	5











MPA	PBDA,Rugudakudar
District Name	Deogarh
Block Name	Barkote
GP Name	Jalisuan
VDC & Village	Jalisuan OGUS
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	10
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	4









Lanjia Soura

DEVELOPMENT AGENCY

Serenga, Gajapati











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Bhubani	Amesing OPELIP VDC	Gravity Based HH Drinking Water Supply	250000	60
2	Ajayagada	Barusing OPELIP VDC	Gravity Based HH Drinking Water Supply	250000	61









MPA	LSDA, Serango
District Name	Gajapati
Block Name	Gumma
GP Name	Bhubani
VDC & Village	Amesing OPELIP VDC
Activity	Gravity Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	44
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	5000
No. of Stand Post	13











MPA	LSDA, Serango
District Name	Gajapati
Block Name	Gumma
GP Name	Ajayagada
VDC & Village	Barusing OPELIP VDC
Activity	Gravity Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	45
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	5000
No. of Stand Post	15













Sunabeda, Nuapara











Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Sunabeda	Kalaguru	Solar Based HH Drinking Water Supply	250000	64
2	Sunabeda	Sarbashakti VDC, Village: Junapani	Solar Based HH Drinking Water Supply	250000	65









MPA	CBDA, Sunabeda
District Name	Nuapada
Block Name	Komna
GP Name	Sunabeda
VDC & Village	Kalaguru
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	12
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	12











MPA	CBDA, Sunabeda
District Name	Nuapada
Block Name	Komna
GP Name	Sunabeda
VDC & Village	Sarbashakti VDC, Village: Junapani
Activity	Solar Based HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	12
Year of Implementation	2021-22
Water Source	Bore well
Type of DWS (Solar, Gravity, etc.)	Solar
Storage Tank capacity (Liter)	2000
No. of Stand Post	12









TUMBA Development Agency













TUMBA, GANJAM

Sl. No.	Name of GP	Name of VDC & Village	Activity	Financial Achievement (In Rs.)	Page No.
1	Ankuli	Maa Duarasuni OPELIP VDC	Extension of HH Drinking Water Supply	250000	68
2	Ankuli	Maa Duarasuni OPELIP VDC	Extension of HH Drinking Water Supply	250000	69









MPA	TDA, Tumba
District Name	Ganjam
Block Name	Patrapur
GP Name	Ankuli
VDC & Village	Maa Duarasuni OPELIP VDC
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	42
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	2000
No. of Stand Post	40











MPA	TDA, Tumba
District Name	Ganjam
Block Name	Patrapur
GP Name	Ankuli
VDC & Village	Maa Duarasuni OPELIP VDC
Activity	Extension of HH Drinking Water Supply
Finance (Project Support in Rs.)	200000
Beneficiary Contribution (in Rs.)	50000
Source	IFAD
Scheme	Drudgery Reduction
No. of Benefitted Household	42
Year of Implementation	2021-22
Water Source	Spring
Type of DWS (Solar, Gravity, etc.)	Gravity
Storage Tank capacity (Liter)	2000
No. of Stand Post	42







OPELIP

Odisha PVTG Empowerment and Livelihoods Improvement Programme

-PROGRAMME MANAGEMENT UNIT -

TDCCOL Building, 2nd Floor, Rupali Square, Bhoi Nagar Sahid Nagar, Bhubaneswar, ODISHA - 751022.

www.opelip.org

- FOLLOW US ON SOCIAL MEDIA-

⑥ OPELIP_Odisha ☑ @OPELIP_odisha