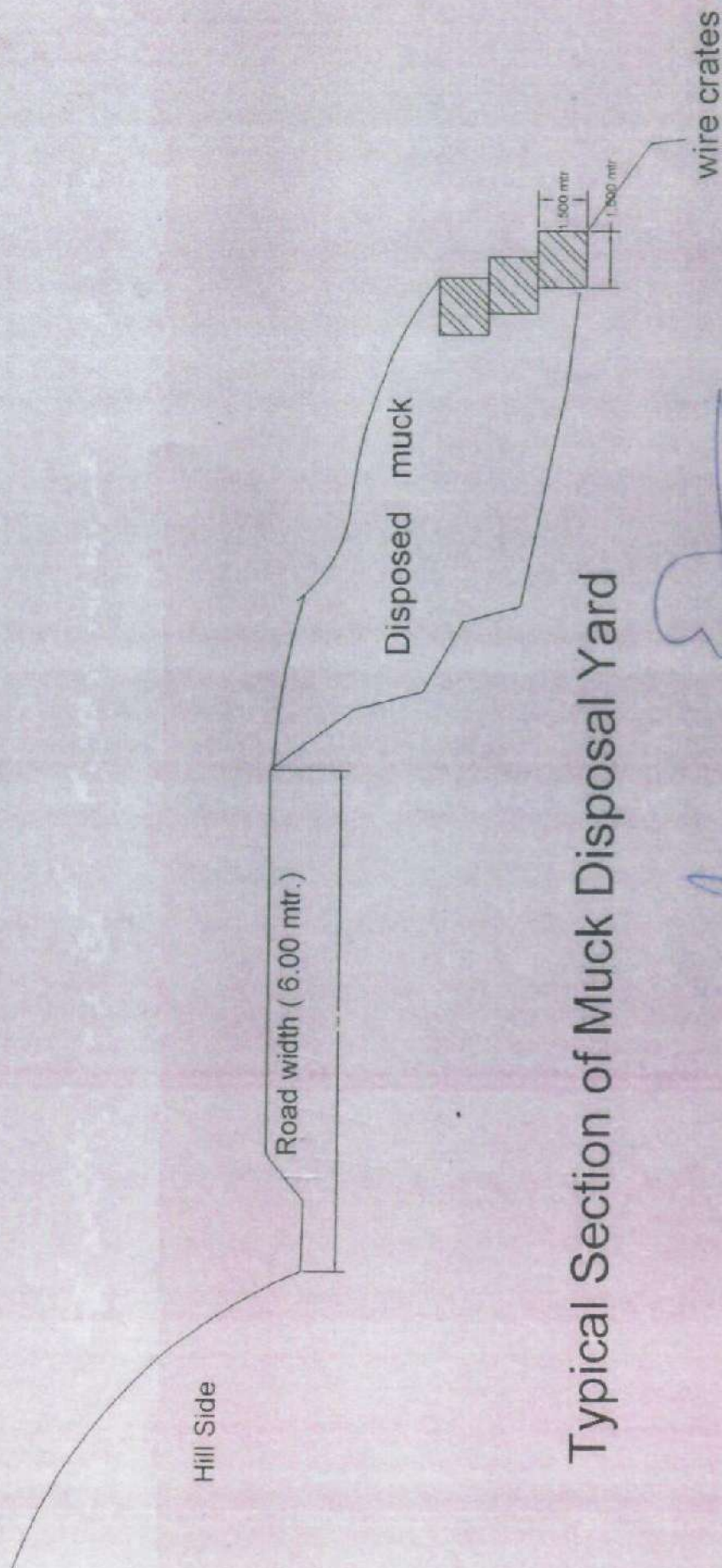


2-19 (VII)



Sd/- Attes Eddy  
PMUGS  
NIPCOB  
NIPCOB  
PMUGS  
PMUGS  
PMUGS

Signature  
Date: 10/10/2019  
Place: Garhwal  
Garhwal  
Garhwal  
Garhwal

Signature  
Range Officer  
Garhwal Range  
Rajaji National Park

Signature  
Range Officer  
Garhwal Range  
Rajaji National Park



परियोजना का नाम :- जनपद पौड़ी गढ़वाल में प्रधानमंत्री ग्रामीण सड़क योजना के अन्तर्गत नौडखाल - माला कोटा मोटर मार्ग से सिरासु मोटर मार्ग (13.000 कि०मी०) के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

मलवा निस्तारण व्यय वहन प्रमाण पत्र

मक डिस्पोजल हेतु वनीकरण एवं अभियांत्रिकी कार्यों में जो भी व्यय होगा उसे <sup>उभेच्छा</sup> ~~समय-विकास~~ विभाग द्वारा वन विभाग की मांग के अनुसार उपलब्ध करा दिया जायेगा।

कनिष्ठ अभियन्ता  
सिचाई खण्ड,  
पी०एम०जी०एस०वाई०, कोटद्वार,  
पौड़ी गढ़वाल

*self attested  
Joginder*

PIU  
NPCC  
PMGSY, DUGADDA  
PAURI GARHWAL (U.K.)

सहायक अभियन्ता  
सिचाई खण्ड,  
पी०एम०जी०एस०वाई०, कोटद्वार,  
पौड़ी गढ़वाल

अधिसूची अभियन्ता  
सिचाई खण्ड,  
पी०एम०जी०एस०वाई०, कोटद्वार,  
पौड़ी गढ़वाल

वन क्षेत्र अधिकारी  
Gohari Range  
Rajaji National Park

वसुधाजीव प्रतिपालक  
(वी० जी० प्र०)  
राजाजी टाइगर रिजर्व

राजाजी टाइगर रिजर्व  
वसुधाजीव प्रतिपालक

प्रभागीय वनाधिकारी

निदेशक  
राजाजी टाइगर रिजर्व  
उत्तराखण्ड, देहरादून

वन्य जीव प्रतिपालक  
राजाजी टाइगर रिजर्व,  
देहरादून।

# **Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (Stage-I)**

**Motor Road under PMGSY Works, Dugadda**

**Name of Block: Yamkeshwar (Pauri Garhwal)**

**Muck Dumping Area Civil land**

Length: 13.000 KM

IWUCK Dumping Area Civil Land											
S. No.	Location of wire-Crate			Type of Land	No.	Size of catchment of wire-crate		Area (sqm)	Area (Hect)		
	X-section's	Latitude	Longitude			Length (m)	Wirth (m)				
1	Chainage	0.015	km	30°5'21.86"	78°24'44.89"	Civil Land	1	40.00	38.46	1538.40	0.154
2	Chainage	0.225	km	30°5'26.74"	78°24'46.69"	Civil Land	1	45.00	37.00	1665.00	0.167
3	Chainage	1.650	km	30°5'38.42"	78°25'14.06"	Civil Land	1	44.00	31.00	1364.00	0.136
4	Chainage	2.275	km	30°5'36.69"	78°25'18.05"	Civil Land	1	41.50	39.00	1618.50	0.162
5	Chainage	3.450	km	30°5'31.03"	78°25'25.16"	Civil Land	1	42.60	38.00	1618.80	0.162
6	Chainage	4.800	km	30°5'15.03"	78°25'1.88"	Civil Land	1	35.00	34.00	1190.00	0.119
7	Chainage	5.225	km	30°5'17.79"	78°25'13.49"	Civil Land	1	40.00	35.00	1400.00	0.140
8	Chainage	5.500	km	30°5'17.65"	78°25'23.50"	Civil Land	1	45.00	36.12	1625.40	0.163
9	Chainage	6.275	km	30°5'15.13"	78°25'19.02"	Civil Land	1	46.00	32.64	1501.44	0.150
10	Chainage	11.800	km	30°5'25.66"	78°26'2.13"	Civil Land	1	48.00	37.20	1785.60	0.179
Total								427.10	358.42	15307.14	1.531

*Shabbir*  
T.E.

*gm*  
(AE)

*guc*

**Executive Engineer  
PMGSY Works  
Irrigation Department  
Kotdwar (Pauri Garhwal)**



# Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (Stage-I)

Motor Road under PMGSY Works, Dugadda

Name of Block: Yamkeshwar (Pauri Garhwal)

Length: 13.000 KM

## TOTAL CARRYING CAPACITY OF DUMPING YARD

S. No.	Location of wire-Crate			Type of Land	No.	Size of catchment of wire-crate			Quantity (cum)	Unit
	X-section's	Latitude	Longitude			Length (m)	Width (m)	Height (m)		
1	Chainage 0.015 km	30°5'21.86"	78°24'44.89"	Civil Land	2/3	40.00	38.46	2.30	3538.32	Cum
					2/3	40.00	38.46	2.20	3384.48	Cum
2	Chainage 0.225 km	30°5'26.74"	78°24'46.69"	Civil Land	2/3	45.00	37.00	2.10	3496.50	Cum
					2/3	45.00	37.00	2.20	3663.00	Cum
3	Chainage 1.650 km	30°5'38.42"	78°25'14.06"	Civil Land	2/3	44.00	31.00	2.50	3410.00	Cum
					2/3	44.00	31.00	2.60	3546.40	Cum
4	Chainage 2.275 km	30°5'36.69"	78°25'18.05"	Civil Land	2/3	41.50	39.00	2.40	3884.40	Cum
					2/3	41.50	39.00	2.40	3884.40	Cum
5	Chainage 3.450 km	30°5'31.03"	78°25'25.16"	Civil Land	2/3	42.60	38.00	2.70	4370.76	Cum
					2/3	42.60	38.00	2.50	4047.00	Cum
6	Chainage 4.800 km	30°5'15.03"	78°25'1.88"	Civil Land	2/3	35.00	34.00	3.00	3570.00	Cum
					2/3	35.00	34.00	3.20	3808.00	Cum
7	Chainage 5.225 km	30°5'17.79"	78°25'13.49"	Civil Land	2/3	40.00	35.00	2.90	4060.00	Cum
					2/3	40.00	35.00	2.80	3920.00	Cum
8	Chainage 5.500 km	30°5'17.65"	78°25'23.50"	Civil Land	2/3	45.00	36.12	2.50	4063.50	Cum
					2/3	45.00	36.12	3.00	4876.20	Cum
9	Chainage 6.275 km	30°5'15.13"	78°25'19.02"	Civil Land	2/3	46.00	32.64	3.20	4804.61	Cum
					2/3	46.00	32.64	2.40	3603.46	Cum
10	Chainage 11.800 km	30°5'25.66"	78°26'2.13"	Civil Land	2/3	48.00	37.20	2.80	4999.68	Cum
					2/3	48.00	37.20	2.50	4464.00	Cum
Total						854.20	716.84	23.90	37225.26	Cum

Carrying Capacity of Dumping Yard = 37225.26 Cum

Total Quantity of material to be disposed to the dumping yard = 37223.00 Cum

Hence Safe.

2.26 Cum

*Signature*

*Signature*

Executive Engineer  
PMGSY Works  
Irrigation Department  
Kotdwar (Pauri Garhwal)

**Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (Stage-I)**

**Motor Road under NPCC Limited**

**Name of Block: Dugadda (Pauri Garhwal)**

**Muck Received From Hill Side Cutting**

S.No.	Description of work	Quantity	Unit
1	Material received form hill side cutting	165750	Cum
	Add 25% for Swell Factor for soil.	41437.5	Cum
	<b>Total</b>	<b>207187.50</b>	Cum
	Disposal and use of Material		
2	R.R Stone Masonary Laid in 1:5	33000	Cum
3	R.R Stone Masonary Laid in Dry	33150	Cum
4	Hand packed stone Filling	31078.13	Cum
5	Bolder apron	15527	Cum
6	construction of Parapet	16575	Cum
7	Construction of Scupper	30275	Cum
8	material to be used along road side	10359.38	Cum
	<b>Total used</b>	<b>169964.5</b>	Cum

quantity Muck to be disposed at dumping places ( i.e 37223.00 cum  
Material received - material used )

**TOTAL**

**37223 Cum**

  
J.E.

  
**Executive Engineer**  
**PMGSY Works**  
**Irrigation Department**  
**Kotdwara (Pauri Garhwal)**

  
(AE)



Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (5+00 - 10+00)

**Motor Road under PMGSY Works, Dugadda**

**Length: 13.000 KM**

**Name of Block: Yamkeshwar (Pauri Garhwal)**

### Detail of measurements Civil I. and

Detail of measurements Civil I. nd											
1	Excavation in foundation for retaining & breast wall in all type of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer in charge										
S. No.	Location of wire-Crate			No						Qty	unit
							L	B	D		
1	Chainage	0.015	km	1	x	1	40.00	1.50	0.50	30.00	cum
2	Chainage	0.225	km	1	x	1	45.00	1.50	0.50	33.75	cum
3	Chainage	1.650	km	1	x	1	44.00	1.50	0.50	33.00	cum
4	Chainage	2.275	km	1	x	1	41.50	1.50	0.50	31.13	cum
5	Chainage	3.450	km	1	x	1	42.60	1.50	0.50	31.95	cum
6	Chainage	4.800	km	1	x	1	35.00	1.50	0.50	26.25	cum
7	Chainage	5.225	km	1	x	1	40.00	1.50	0.50	30.00	cum
8	Chainage	5.500	km	1	x	1	45.00	1.50	0.50	33.75	cum
9	Chainage	6.275	km	1	x	1	46.00	1.50	0.50	34.50	cum
10	Chainage	11.800	km	1	x	1	48.00	1.50	0.50	36.00	cum
Total										320.33	cum
2	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not mess than 250 kg each (As per PWD Uttarakhand Specification) for Civil Land										
Sl. No.	Item of Work X- Section's			No						Qty	unit
							L	B	D		
1	Chainage	0.015	km	1	x	1	26.00	1.50	1.50	58.50	cum
	2nd			1	x	1	26.00	1.50	1.50	58.50	cum
	3rd			1	x	1	26.00	1.50	1.50	58.50	cum
2	Chainage	0.225	km	1	x	1	29.00	1.50	1.50	65.25	cum
	2nd			1	x	1	29.00	1.50	1.50	65.25	cum
	3rd			1	x	1	29.00	1.50	1.50	65.25	cum
3	Chainage	1.650	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
4	Chainage	2.275	km	1	x	1	41.50	1.50	1.50	93.38	cum
	2nd			1	x	1	41.50	1.50	1.50	93.38	cum
	3rd			1	x	1	41.50	1.50	1.50	93.38	cum
5	Chainage	3.450	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
6	Chainage	4.800	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
7	Chainage	5.225	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
8	Chainage	5.500	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
9	Chainage	6.275	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
10	Chainage	11.800	km	1	x	1	36.50	1.50	1.50	82.13	cum
	2nd			1	x	1	36.50	1.50	1.50	82.13	cum
	3rd			1	x	1	36.50	1.50	1.50	82.13	cum
Total										2376.00	cum



**Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (Stage-I)**

**Name of Block: Yamkeshwar (Pauri Garhwal)**

**Length: 13.000 KM**

**Bill of Quantities of Civil Soyam Land**

Sl. No.	Item of Work	Unit	Qty	rate	Amount
1	Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer -in- charge	Cum	320.33	222.3	71208.25
2	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each. (As per PWD Uttarakhand Specification)	Cum	2376.00	1368.3	3251081
<b>Total</b>					<b>3322289</b>
<b>Say</b>					<b>33.22</b>
					<b>Lacs</b>

*[Signature]*  
J.E.

*[Signature]*  
(ATE)

*[Signature]*  
**Executive Engineer  
PMGSY Works  
Irrigation Department  
Kotdwar (Pauri Garhwal)**

**Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (Stage-I)**

**Name of Block: Yamkeshwar (Pauri Garhwal)**

**Length: 13.000 KM**

**DSR REPORT Year: 2015-16**

**SUMMARY OF RATE**

Sl. No.	Chapter Name	Description of Items	Unit	rate
1	Miss-2	1-2 Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer -in- charge	Cum	222.3
2	Mord-58	14-2 Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each. (As per PWD Uttarakhand Specification)	Cum	1368.3

*Handed*  
J.E.

*gm*  
(HE)

*ba*

**Executive Engineer  
PMGSY Works  
Irrigation Department  
Kotdwara (Pauri, Garhwal)**



# Muck Disposal Plan

Name of Work: Construction of Naudkhal Mala Kota to Sirasu MOTOR ROAD (Stage-I)

Name of Block: Dugadda (Pauri Garhwal)

Length: 13.000 KM

## Summary of Results

- 1 The Quantity of material received from hill side cutting i/c soil factor = 207187.50 Cum  
(Sheet attached on page no. Of Muck disposal estimate)
- 2 The quantity of material used in various items = 169964.5 Cum  
(Sheet attached on page no. Of Muck disposal estimate)
- 3 The remaining quantity of muck for dumping 37223.00 Cum  
(Sheet attached on page no. Of Muck disposal estimate)
- 4 Total Numbers of dumping yards needed for the dumping of muck =  
(i) In Civil Soyam Land = 10 Nos  
(ii) In Reserve Land = 0 Nos  
Total = 10 Nos  
(Sheet attached on page no. Of Muck disposal estimate)
- 5 Carrying capacity of dumping yards with proper dimensions & coordinates  
(i) In Civil Soyam Land = 37225.26 Cum  
(ii) In Reserve Land = 0.00 Cum  
Total = 37225.26 Cum  
(Sheet attached on page no. Of Muck disposal estimate)
- 6 Land Ownership Reports  
(Sheet attached on page no. Of Muck disposal estimate)
- 7 Total Amount for Construction of Dumping Yards  
(i) In Civil Soyam Land = 33.22 Lacs  
(ii) In Reserve Land = 0.00 Lacs  
Total = 33.22 Lacs  
(Sheet attached on page no. Of Muck disposal estimate)
- 8 Cost of treatment plan =  
(i) In Civil Soyam Land = Lacs  
(ii) In Reserve Land = Lacs  
Total = 0 Lacs  
(Sheet attached on page no. Of Muck disposal estimate)
- 9 Total Amount in  
(i) In Civil Soyam Land = 33.22 Lacs  
(ii) In Reserve Land = 0.00 Lacs  
Total = 33.22 Lacs  
(Sheet attached on page no. Of Muck disposal estimate)

*Salubero*  
J.E.

*Ym*  
(AE)

*[Signature]*  
Executive Engineer  
PMGSY Works  
Irrigation Department  
Kotdwar (Pauri Garhwal)

परियोजना का नाम :- जनपद पौड़ी गढ़वाल में प्रधानमंत्री ग्रामीण सड़क योजना के अन्तर्गत नौडखाल - माला कोटा मोटर मार्ग से सिरासु मोटर मार्ग (13.000 कि०मी०) के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

सिविल सोयम भूमि में मलवा उत्सर्जन का विवरण  
"अनुसूची" सिविल सोयम भूमि

क्र० सं०	खाला सं०	खेत सं०	कुल रकबा	अर्जित रकबा	भूमिधर का नाम	ग्राम	भूमि की श्रेणी	विवरण
1	15	2689	4.623	0.154	उत्तराखण्ड सरकार	माला	चरागाह	सिविल सोयम
2	25	3025	0.171	0.167	उत्तराखण्ड सरकार	माला	भौटा	सिविल सोयम
3	25	3168	0.525	0.136	उत्तराखण्ड सरकार	माला	भौटा	सिविल सोयम
4	15	3304	6.152	0.162	उत्तराखण्ड सरकार	माला	चरागाह	सिविल सोयम
5	25	4355	0.201	0.162	उत्तराखण्ड सरकार	माला	भौटा	सिविल सोयम
6	15	3386	6.523	0.119	उत्तराखण्ड सरकार	माला	चरागाह	सिविल सोयम
7	70	2688	0.426	0.140	उत्तराखण्ड सरकार	माला	पुरानी प्रति	सिविल सोयम
	15	4061	0.168	0.163	उत्तराखण्ड सरकार	माला	चरागाह	सिविल सोयम
9	15	2691	2.005	0.150	उत्तराखण्ड सरकार	माला	चरागाह	सिविल सोयम
10	3	686	2.006	0.179	उत्तराखण्ड सरकार	सिरासु	चरागाह	सिविल सोयम
			योग	1.531				

नोट :- मलवा उत्सर्जन का विवरण प्रपत्र सं० - 40 में अंकित है।

मलवा निस्तारण हेतु अर्जित सिविल सोयम भूमि :- 1.531 है०  
मोटर मार्ग हेतु अर्जित सिविल सोयम भूमि :- 4.545 है०  
मोटर मार्ग निर्माण हेतु सिविल सोयम वन भूमि :- 6.076 है०

प्रमुखी योजनाधिकारी  
भूमि संरक्षण वन प्रभाग, लैन्सडौन

(संयोजक)   
सि. सं. वि. वि. एम. ए. ए.   
एन. ए. ए. कोटकाट

राजस्व उप निरीक्षक

तहसीलदार  
रामकेश्वर

संयोजक  
एम. ए. ए. कोटकाट

जिलाधिकारी  
गढ़वाल

self attested  
PMGSY, DUGADDA  
PAURI GARHWAL (U.K.)