M.R.O. 1—77,606—8-5-37.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3524 Press Mis.

94-36

Dated 5 — 11 — 1866.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department
5th November 1866.

No. 97. Read the following Proceedings of the Madras Government in the Revenue Department :—

Sanctioning estimates, amounting to Rupees 4,120, for repairing certain roads in the Pulney and Dindigul Táluqs, in the Madura District. } (Here enter 31st October 1866, No. 2,948.)

No. 98. ORDER THEREON, 5th November 1866, No. 3,527.

CIVIL WORKS, No. 22.

Communicated to the Superintending Engineer of the 8th Division.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 8th Division.

Proceedings of the Madras Government, Revenue Department,
31st October 1866.

No. 723. Read the following letter from the Collector of Madura, to the Secretary to Government, Revenue Department, Fort Saint George, dated Dindigul, 24th October 1866, No. 1,822:—

1. I have the honor to report that I have been round the Palany Talook, and find the crops in that talook are more backward than in Dindigul. Before the end of September, there had been no rain in most parts of the talook for nine months. However, rain has since fallen abundantly, and the ryots are busily employed in ploughing and sowing their lands, but as the harvest will be late, and as the neighbouring districts are drained of grain, food is likely to remain very dear till after January.

2. There is generally, throughout the talook, sufficient employment for the laboring classes in the different villages; the only place where it is desirable to offer employment to such classes is in the neighbourhood of Palany town, where the laboring classes are rather numerous, and fortunately the means of giving useful work to women and children is at hand at that place.

3. A large bridge is in course of construction over the Shanmooganaddy, one and a half mile from Palany, which is nearly finished, the arches have all been finished, it only remains to put up the parapet walls and to plaster the bridge; but nothing has been provided towards forming the approaches and road-way, so that the bridge is almost useless. I was detained on the bank owing to a flood in the river. I saw a family of Americans in the same state, and a large number of bandies waiting to take grain into Palany. I have, therefore, had an estimate prepared, amounting to Rupees 1,120, for embanking the road-way on each side of the bridge, and which is just the work required for the working classes on the spot. I have set this work going, and large numbers of cooly women and children are being employed on it, and I request the estimate* for the same, herewith, submitted, may be sanctioned.

* Marked A.

4. I also request sanction for the estimates,† herewith enclosed, for repairs to the roads mentioned in paragraph 7 of my letter No. 1,707, dated 9th instant.

† Three, marked B. C. D.

5. As water has been received in them, I have not undertaken repairs to the tanks mentioned in paragraph 8 of the above alluded to letter, and am of opinion that the 3,000 Rupees proposed outlay on roads is sufficient aid for the talook of Dindigul.

No. 724. ORDER THEREON, 31st October 1866, No. 2,948.

Miscellaneous.

The Government sanction the four Estimates submitted, aggregating Rupees 4,120.

(True Extract.)

Secretary to Government.

To the Collector of Madura.
,, the Board of Revenue.
,, the Public Works Department. w/4 enclosures.

Exd. S. T. Augustin.

Communication

Current repairs

Detailed Estimate No. of 1866/67

District Madura Taluq Dindigal.

Works

Repairing Road No 13 leading from Dindigal to Nattam

Commencing from junction with Road leading to Archimopoly North of Dindigal Town

Description of Soil	Nature of Soil	Point from whence the Measurement Commences: Miles	yards	Measurement: Lks	13	45	Contents: Earth Cyds at 12 as	Gravel in soil at 2 as	Gravel at 2½ as	Gravel at 8 as	Gravel at 10 as	Particulars of Work.
		1	380	2140	-	-						Goods
			480	100	5	1/8					62½	Gravelling Road
			680	200	8¼	1½	2475					Raising Road to 2nd Tunnel under construction
				-	5	1/8					125	Gravelling do
			760	80	7½	1	200	400				Raising road soil partly Earth & partly gravel
			888	128	6⅜	¼	68	136				Cutting side trenches & Raising road
			944	56	7½	1	140	280				Raising Road to 2nd Tunnel under construction
			1108	164	7 11/16	⅞	349	700 11/32				Raising Road to Tunnel required
			1111	2½	-	-						Constructing a Tunnel of 1 Vent 4½×2 ft. as per Spe. A.
			1201	90	7 7/16	1¼		885 15/16				Raising Road Gravelly soil to Metle stone
			1249	48	7½	1		360				do do do
			1313	64	6¾	½		216				do do do
			1367	54	2	¾		81				Cutting side trenches & Levelling Road
			1427	60	6¾	½		202½				Raising Road Gravelly soil
							3282					Total Cyds of earth
								3241 11/32/16				Total Cyds of gravel
											187½	do do
				300								Lks yards of levelling, tamping, Rolling &c. over Gravel
				944								" do do do over earth

5

Communication

Current Repairs

Abstract Estimate No of 1866/67

District Madura Taluq Dindigal

Works

Repairing Road No 13 leading from Dindigal to Nattam. Commencing from junction with Road leading to Trichinopoly North of Dindigal Town.

Quantity	Description of Works.	Rate	Amount	Total
1	2	3	4	5
		.. 1 6	303	
3232	Cy^{ds} of earth at	.. 2 ..	407 11 6	
3261 12/16	do of Gravelly soil at	.. 10 ..	117 3 ..	
187 1/2	do do at	.. 4 ..	7 8 ..	
300	Lc^{l} yds of levelling, rolling & Gravel per 10 Lc^{l} yards at	- 2 -	11 12 9	
994	do do earth per 10 Lc^{l} yds at			
	Sundries		12 12 9	
	Total Estimate Rupees		860	

Overseer's office
2nd Dec 1866
Dindigal

S. Mathias
Supervisor & P. W.

A. Lumsden
Capt

A.C. Valiyan C.E.
Asst to Executive Engineer

Q.mb Road
Dindigal Salem

Coaring Stones to Units — 18 | 6 | 3/4 | 81 ✓
Cut Stone in Cunnam Cubic feet — | | | 81 ✓
Being Equal to Cubic yards — | | | 3. ✓

Road

Work

Detailed Estimate No. of 1866.67

District Madura Taluq Dindigul

Work Retaining a portion of the Road from Dindigul to Palkanatham -

Number	Breadth	Height	Length	Contents	Particulars of work
					Commencing with the function of Road to Vadakanidoor
17	6 3/8	1/4	"	50 52/32	A Summel of 1 x 5/8 ft. required
16	6 3/4	1/2	"	729	to be constructed beyond 680
34	7 1/8	3/4	"	1784 13/16	yards in length from the finish
17	6 3/4	1/2	"	226 1/8	of Road
33	6 3/8	1/4	"	211 31/32	Raising Commencing from 1494
33	6 3/8	1/4	2 11 31/32	"	yards West of Cart Line
34	6 15/16	5/8	10 14 31/64	"	Raising
17	6 3/8	1/4	"	266 5/32	Do.
17	6 3/8	1/4	"	106 25/32	Do.
00	6 15/16	5/8	"	173 33/64	Do.
D	7 1/8	3/4	"	534 3/8	Do.
18			1226 9/16	5564 7/16	
				534 3/8	

Summel of 1 x 5/8 ft.

2	3	258	Foundation to side walls
2	3	96	Do. to Wing do.
1½	3	22½	Retaining walls
2½	1½	67½	Flooring platform

Revd. New 3836/66.

2d Range

Dindigul Taluq

D

4450/66

Union Sew Works

Detailed & Abstract Estimate for Constructing Tunnel on Road from Dindigul to Anthuvil

Amount of Estimate Rs. Union

Returned this Bridge Plan & Section Work among 6 066 in the attached Estimates would be under Revenue sanctions for the Bridge is required

H Cleaver Cole

Minor Sew Works

Roads

Detailed Estimate No. of 1866/67

District Madura Taluq Dindigul

Work

Constructing Tunnel on Road No. 13 from Dindigul to Anthuvil

Particulars of work	Measurement			Contents
	Nos.	Ins.	Ins.	
	2	3	4	5
1				
2nd Sunday No. Tunnel at one time 4 ft. x 2 feet				
Foundation to Side walls	56	2	3½	252 ✓
Do. to Wing walls	16	2	3½	112 ✓
Retaining walls	8	1½	3½	42 ✓
Flooring bitumen	15	4	1½	90 ✓
Side walls above	36	1½	2	108 ✓
Wing walls above	16	1½	3	72 ✓
Flooring sides walls to limit of Coursing	36	1½	¾	40½ ✓
Stones	18	7½	¼	33¾ ✓
Flooring above Do.				750¼ ✓
Rough Stone in Chunam Cubic ft. Being Equal to Cubic yds.				27 21/27 ✓
Blocking Course	15	1½	¾	16⅞ ✓
Parapets	14	1¼	1½	26¼ ✓
Brick in Chunam Cubic feet Being Equal to Cubic yds.				43⅞ ✓
				1 16/27 ✓

42	1½	1 7/8	118 1/8	Side walls above
16	1½	2 3/8	63	Wing walls do
42	¾	¾	23 5/8	Filling sides over Covering Stone
	6ft	—	648 ¾	Total Rough Stone in Chunam
or	6c	3f	24 ¾/27	
12	1½	1½	27	Parapets Brick in chunam
	6c	3f	1	
18	6	1/8	13½	Concrete over Covering Stone
	6c	3f	13½/27	
21	4½	¾	70 7/8	Covering Stone
	6c	3f	2 16 7/8/27	

13

Abstract Estimate No of 1866-67

District Madura Taluq Dindigal

Work Repairing a portion of the Road from Dindigal to Pulkanooth.

Quantities	Description of charges	Rate	Amount	Total
1226 9½/18	6c 3f of hard gravel — at	" 2 3	172 7 9	
554 7/18	— Do of Red Earth — at	" 1 9	608 9 9	
534 3/8	— Do — of Coomy Soil — at	" 1 6	50 1 7	
2168	Sc yds of Levelling, tamping rolling &c per 10 6c 3f —	" 2 "	27 1 7	858 4 8
	Superintendence & Sundries			11 11 4
	Total Estimate Rupees			870 " "
	Tunnel of 1 × 5/8 3f			
24 ¾/27	6c 3f Rough stone in chunam	3 " "	72 1 4	
1	— Do — Brick in chunam —	4 " "	4 " "	
13½/27	— Do — Concrete — at	2 8 "	1 4 "	
2 16 7/8/27	Do Curbstone — at	12 " "	31 8 "	108 13 4
	Excavating formd &c & filling approaches			15 " "
	Sundries			6 2 8
	Total Estimate Rupees			130 " "
	Grand Total Estd Rupees			1000 " "

2nd Range Office
Dindigul 24th Octr 1866

V. Rogers C.E.
Asst to Ex Engineer

P. H. Lewis
Collr

No. 3836/66

Received 7 Oct 1866

Communicated to Superintending Engineer

Returned with remarks

Approved for Rs 1000

Communication — Current repairs

Detailed Estimate No. of 1866–67

District Madura Taluq Dindigul

Work Repairing Road from Dindigul to Trichinopoly commencing from its junction with the Road leading to the Taluq kutchery at Dindigul.

Description of Soil	Nature of Soil	Point from whence the measurement commences: Miles	Yards	Measurement: L	B	H	Contents: Earth at 1½ as	Gravelly Soil @ 2 as	Gravel at 3 as	Gravel at 4 as	Gravel at 7 as	Particulars of work
			116	116	5	3/8			72½			Gravelling Road
			324	208	1	3/8			26			Filling in ruts with gravel
			444	120	3	3/8			45			Do Do
			494	50	6 6/8	3/16	59 13/16					Raising Road
				"	5	3/8			31¼			Gravelling Do
			942	448	2	3/8			112			Filling ruts Do
			1182	240	1½	3/8			45			Do to junction with the Carcor Road
		1	142	720	1	3/8			90			Do ruts with gravel
			202	60	6½	1/4	97½					Raising road to Summit
				"	5	1/8				37½		Gravelling Do

		262	60	6 1/2	1/4	97 1/2					Raising road to Tunnel
			-	5	1/8				37 1/2		Gravelling Do
		422	160	3	1/8			60			Filling in ruts
		698	276	2	1/8				69		Do to Tunnel
		738	40	6 1/2	1/4	65					Raising Road
			-	5	1/8				25		Gravelling Do
		898	160	3/4	1/2	60					Cutting inner side trenches on the East Side
			-	3	1/8				60		Filling in ruts
		1222	324	3	1/8				121 1/2		Filling in ruts to Bridge
		1230	8	5	1/8				5		Gravelling over Do
		1400	170	1/4	1/2	21 1/4					Repairing Side Slopes
			-	1	1/8				21 1/4		Filling in ruts
		1500	100	2	1/8				25		Do Do
		1552	52	2	1/2	52					Levelling Road
			-	5	1/8				32 1/2		Gravelling
		1714	162	-	-						Goods
	2	34	80	6 3/4	3/8	202 1/2					Raising Road
			-	5	1/8				50		Gravelling Do
		524	490	4	1/8					245	Filling in ruts & Gravelling
		544	20	7	1/2	70					Raising road to 2d Mile Stone from Dindigul
			-	5	1/8					12 1/2	Gravelling Do
		592	48	8	1		384				Raising to Tunnel required Gravelly Soil
			-	5	1/8					30	Gravelling Do
											Constructing a Tunnel of 1 Feet 4 1/2 × 4 feet

Appendix A

		692	100	7 1/2	3/4		562 1/2				Raising road Gravelly Soil
			-	5	1/8					62 1/2	Gravelling
		832	140	1	1/2		70				Cutting inner trenches Levelling road Gravelly Soil
		912	80	4	1/8		40				Filling in ruts Gravelly Soil
		1008	96	6 1/2	1/4		156				Raising road to Tunnel
		1108	100	6	3/16		112 1/2				Do & levelling road Gravelly Soil
		1348	240	1	1/8		30				Filling in ruts gravelly Soil
		1548	200	3	1/8		75				Do Do Do
		1708	160	2	1/8		40				Do Do Do
	3	22	74	1	3/4	55 1/2					Widening trench on East Side Repairing Slopes
			-	4	1/8			37			Filling in ruts
		102	80	1	1/2	40					Repairing Slopes of Road
			-	3	1/8			30			Filling in ruts
		182	80	6 1/2	1/4	130					Raising Road
			-	5	1/8				50		Gravelling Do
		242	60	2	1/2	60					Cutting trenches and levelling Road
			-	5	1/8				37 1/2		Gravelling
		326	84	6 1/4	1/8	65 5/8					Raising road
			-	5	1/8				52 1/2		Gravelling Do
		486	160	7 1/2	3/4	500	400				Cutting a deep trench on the East side and
											Raising road. Earths and Gravelly Soil
		546	60	2	1 1/4	50	100				Do Do Do
		926	380	3/4	1	285					Repairing Side Slopes of road in places
			-	2	1/8				95		Filling in ruts
		986	60	1/2	1	30					Repairing Slopes

| | | |

Estimate for making up road Filling approaches and gravelling over the Bridge of Shunnoogunaday River

Length	Breadth	Height	Cyds	Particulars			
25	9	2	450	Filling between Eastern wings			
32	11¾	2½	940	Do Do			
8	14	4	448	Filling hollows			
6	12½	3	225	Raising Do			
8	13¼	3½	371	Raising hollows			
18	10 5/8	1¾	332 12/16	Raising Road			
14	10¼	1½	215½	Raising Road			
36	9½	1	342	Raising to wall			
42	9½	1	399	Raising Do on Bringey			
				Do Field			
15	9 7/8	1¼	185 3/32	Raising old road to Tamarind Tree			
50	8 3/4	½	218¾	Raising road towards Swamp			
115	5	1¼	718¾	Road over the Bridge towards Swamp			
28	9	2½	630	Filling between west wings and hollow			
20	9 7/8	1¼	246 7/8	Raising road west of Do			
28	9½	1	266	Raising road Do			
48	9	½	216	Cutting levelling and Sloping rear of stone			
44	9 7/8	¾	301 7/8	Arches Raising to turned			
4 yards	widening			Tunnel ½ × ½ yds Do will be constructed from the surplus materials of the Bridge			
48	8¾	½	297½	Raising road to Granite stone			
60	8⅜	¼	125 5/8	Raise road to be levelled for Carts	324	13	6
				Cyds of which { 3465 Cyds ½ earth at ½/-	433	3	5
			6930	{ 3465 23/32 ½ earth at 2/-	362	14	4
				Do of Gravel at 8/-	1190	½	21
				Sundries	9	1	1
645	6	3/16	725 3/8		1200	-	-

Overseers office
Seeley
17th October 1866

Approved [illegible] C.E. Approved [illegible]
Executive Engineer Seeley Overseer

Rec. 3 Sept/68
Claud's District
1st Gang
Dudjaul Gang

B

4453/68

Communication

Detailed and Estimated Cost of Rebuilding
Estimate for Repairing
Abutments Piers Dudjaul
Bridge
Trichinopoly

Estimate Oct 1866

23

Rec: 3836/60

Dubuy Dalug

1

" 4450/61

Estimate for material Required for Rods
& Sprockets and Granulling
over the Bridge of Shum
moogauady River

No. 3524

From Executive Engineer
Kurnool Division
5th November 1866

To The Superintending Engineer
Cuddapah Circle

Sir,

I have the honor to forward herewith
Estimates amounting to Rs. 4,120 for repairing certain roads in the Pulivendla & Jandigul Talugs in the Madura Dist.

I have the honor to be
Sir
Your most obedient Servant
Executive Engineer

No. 3527 - 5th Nov. 1866

Cuddapah Dept
Pro. No. 1625 Revenue
No: M. 605
Rev Dept.

Read 31 Oct
Rec'd 20 Nov 66

No 2948

E. L

Sanctioning estimates amounting to Rs. 4,120 for repairing certain roads in the Pulivendla & Jandigul Talugs in the Madura Dist.

Written
No. 3527 - 5th Nov. 1866

A97-98.