

(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.	3201	Press
B.P. No.		Mis.
Dated	28-11	C876 195.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
28th November 1876. No. 3,201*

No. 529. Read the following letter from J O'SHAUGHNESSY, Esq, District Engineer, Nellore, to Major-General G W WALKER, R E, Secretary to Government, Public Works Department, dated Nellore, 9th November 1876,
No 136 —

I HAVE the honor to forward a revised estimate for the Salt Road from the Great Northern Road near Bodilingalapadu to the Salt platform at Tada duly counter-signed by the Collector. This work was sanctioned by Government in the Revenue Department on the 11th January 1871, No 73, its construction was first under-

1 Detailed Estimate
1 General Abstract Estimate
5 Abstract Estimates
1 Specification
1 Comparative Statement
6 Plans

taken by the Revenue Department and carried out to the extent of Rupees 2,100, when transferred for completion to this Department by G O, dated 3rd December 1875,
No 3,428

2. The original estimate amounted to Rupees 5,000 The revised estimate amounts to Rupees 5,940, or Rupees 940 in excess of the estimate originally sanctioned

3 The cause of the excess is fully explained in the accompanying comparative statement, it is principally due—

1st, to excess in earthwork, sectioning, and turfing executed by the Revenue Department, and the excess appears to have been caused in keeping what had been done in repair,

2nd, to the cost of two small culverts which are now found necessary, but which were not provided for in the original estimate, and,

3rd, to meet a slight excess in the cost of the masonry works originally sanctioned, caused by the proposed use of laterite instead of stone rubble

A sum of Rupees 4,000 was applied for on account of this work in the list of incomplete works submitted to you on the 27th April last It was not then known that the Revenue Department had already expended 2,100 Rupees upon it, and in the revised list forwarded to you with my letter No. 134, of the 8th instant, I have applied for only Rupees 2,900 for expenditure in the current year The balance of the estimate, Rupees 940, is entered in the Budget for 1877-78

I may mention that the work is in progress, and I request an allotment of the funds (Rupees 2,900) required for the current year's expenditure as soon as possible

No 530. ORDER THEREON, 28th November 1876, No 3,201.

CIVIL WORKS, No. 40-A

(a) *Heads of Service* — Imperial
Fund — Ordinary
Class — Original Works
Main-head — Other Services
Sub-head — Salt Department
Section — III, Miscellaneous
Name of Work — Salt Road from Bodilingalapadu to Tada Platform
Amount — Rupees 5,940
To be carried out by the Public Works Department

THE revised estimate amounting to Rs 5,940 is sanctioned under the explanations afforded. The expenditure on the work up to the end of the last official year was Rupees 2,100, and Rupees 2,900 are asked for during the current year, leaving Rs 940 to be provided next year The District Engineer should submit proposals for re-appropriating the funds required during the current year from the money already at his

Proceedings of the Madras Government, Public Works Department,
28th November 1876. No 3,201.

disposal for Salt Works. Of the Rupees 7,500 available in the Budget circulated with G O, No 1,022, dated 24th April 1876, Rupees 2,000* only have been spent up to the end of September Under these circumstances it is not considered advisable, even if money were available, to add to the funds at the District Engineer's disposal.

* Item 2.

2. This sanction has been registered as Imperial No 104 W of 1876-77.

(True Extract)

Major-General, R E.,
Secretary to Government.

The length of the Road including a branch Road is 1 mile 473 yds. This Road takes off from the 43 mile of Trunk Road and leads to the 2 salt platforms of Bodalingapad. The original Estimate was framed in the latter part of 1870, and the Earth work and turfing, was done 2 years ago by the Salt Department. The necessity of a revised Estimate arises partly from an excess quantity of Earth work done and high rate paid for the same by the salt Department, and partly from 2 additional channels that are now found necessary to be constructed across irrigation channels. The height of the embanked road varies from $\frac{1}{2}$ to 1 yard; the top width of the Road is 6 yds ~~and~~ of which 4 yds are to be metalled with latende metal 6" thick, and covered with 3" of gravel, the slopes of the embankment are 2 to 1 & turfed with common turf.

1 Range Office
23 September 1876

M. A. M.
Range Officer

PL -

Dist Engr's Office
Vellore
10th October 1876

M. Whately
District Engineer
Vellore

P.W.D.
13/11/76
No. 8187

(7)
Enclosures in Collectors
No. 2900 dated 1st October
1876 to the Salt & Sugar
Collector.

D. P. W. NELLORE

Taluq (Gudur)

Village Lada

Southern Range.

Provincial

New Works

Civil Buildings

Service

Department.

Abstract Estimate No of 1876-77

Work—Constructing a Road Dam of 400 ft on the Road
from Podilungumpad to Lada Salt Pans

Quantity	Particulars	Rate			Per	Amount			Total		
		RS	A.	P.		RS	A.	P.	RS	A.	P.
161.25	Cement of Concrete	"	1	9	Good	17	10	2			
844 5/8	of Laterite stones in Chunnam	"	3	"	"	158	5	6			
21.33	Qty of Rough stone apron	1	11	6	Cr2.	36	10	7			
2	Qty of Pointing	2	0	"	1/2 pps	4	0	0			
28 5/8	Qty of Metallurgy	1	6	6	"	40	1	3			
14.2	Qty of Graveling	1	3	3	"	17	1	4			
	Excavating foundations and filling in					7	0	0			
	Superintendence					14	3	2			
	Total Estimate Rs								295	0	0

Remarks

The estimate provides for a Road Dam of 400 ft. The body wall to be 4 ft deep and 1/2 ft wide with gradients 1 in 40. The caps 4 x 3/4 x 3/4. The whole to be built of quarry dressed Laterite stone in Chunnam, resting on a bed of concrete 6" thick. There will be a rough stone apron 12 x 6 1/2 x 10.

S. P. Rao
23 September 1876

S. P. Rao
District Engineer
Nellore

District Engineer's Office
Nellore
10 October 1876

District Engineer
Nellore

P.W.D
13776
No. 8187

Abstract Estimate
No. of 1876-77
Amount of Rs 95-00
Work Constructing a Road
Dam 20 yds on the Road
from Boddingumpad to Salt Pans.
Soda Salt Pans.

D. P. W. NELLORE.
Provincial
Civil Buildings
Service
Department
Soda
Range.
Talug.
Range.
New Works

Total Rupees

Brought forward

D. P. W. NELLORE,

Talug Gudur.

Village Sava

New Works

Civil Buildings

Service

Department

Abstract Estimate No

of 1876-77.

Work Constructing a Road Dam of 20 yds on the Road from
Boddingumpad to Salt Pans.

Quantity	Particulars	Rate			Per	Amount			Total		
		RS	A	P		RS	A	P	RS	A	P
86.25	Cost of Concrete	1	9	00	foot	9	6	11			
462	Cost of Lateral stones in chunam	3	0	0	"	86	10	0			
11 33	Cost of Rough stone apron	11	6	00	Cyd	19	7	7			
1 25	Cost of Painting	2	0	0	Sq	2	8	0			
15 11	Cost of Installing	1	6	6	Cyd	21	3	11			
7.55	Cost of Graveling	1	3	3	"	9	1	4			
	Excavating foundation and filling in					4	0	0			
	Superintendence & sundries					7	10	3			
Total Estimate of Rupees									160	0	0

Remarks

The estimate provides for a Road Dam of 20 yds. The
body wall 4 ft deep and 1 1/2 ft wide with gradient 1 in 2 1/2;
the caps 6 x 3/4 x 3/4. The whole to be built of quarry dressed
Lateral stone in chunam, resting on a bed of concrete
10 thick. There will be a rough stone apron (6 x 4 1/2 x 10).

Range Officer
23 September 1876

U. A. M. Sub
Engineer
Range Officer

District Engineer's Office
Nellore
10 October 1876

W. H. M. Sub
District Engineer
Nellore

P.W.D.
13th Nov 76
No. 8187

Abstract Estimate
No. of 1876-77
Amount of Rs 160-00
Work Constructing a Road
Dam 90 yds on the Road
from Basalingumpad to
Lada Pass

D. P. W. NELLORE.
Taluk Gudur
Provincial
Civil Buildings
Service.
Department.
New Works
Southern Range.

Total Rupees

Bought for ward.

D. P. W. NELLORE.

Taluk Gudur

Provincial

Civil Buildings

Abstract Estimate No

Service

Department

Village Lada

New Works

of 1876-77

Work Constructing a Road Dam of 10 yds on the Road

from Basalingumpad to Lada Salt Pans.

Quantity.	Particulars	Rate			Per	Amount			Total		
		RS	A	P		RS	A	P	RS	A	P
48.75	Cft of concrete	-	1	9	1 cft	5	5	4	✓		
261	of quarry dressed	-	3	-		48	15	0	✓		
6.33	Cy of Rough stone apron	1	11	6	1 Cy	10	14	0	✓		
.75	Sqrs of Pointing	2	-	-	1 sq	1	8	0	✓		
8.5	Cy of Metalling	1	6	6	1 Cy	11	15	3	✓		
4.2	Cy of Gravelling	1	3	3	-	5	0	10	✓		
	Excavating foundation					2	8	0	✓		
	and filling in										
	Superintendence and sundries					3	13	7			
	Total Estimate Rs								90	00	✓
	Balance of the same description								90	00	✓
	Grand Total of Rupees								180	00	✓

Remarks

The estimate provides for a Road Dam of 10 yds. The body
wall to be 4 1/2 feet deep and 2 1/2 feet wide and the caps
4 x 3/4 x 3/4. The whole to be built of quarry dressed latite stone
in Chumam resting on a bed of concrete 6" thick. There will
be a rough stone apron (38 x 4 1/2 x 1-0)

1 Range Officer
23 September 1876
Dist Engrs Office
Nellore
10 October 1876

Sub Engrs
Range Officer
District Engineer
Nellore

P.W.D.
13MV76
No. 8187

D. P. W. NELLORE.
Provincial
Civil Buildings
Service.
Department.
Abstract Estimate
No. of 1876-77
Amount
Work

Total Rupees

D. P. W. NELLORE.

Taluk Gudur
Provincial

Gurind

Southern Range.

Village Saron

New Works

Civil Buildings Service Department

Abstract Estimate No of 1876-77

Work Constructing a Tunnel of 1 Vent 2 feet span on the Road from Bodilungumpand to Sada Salt Pans

Quantity	Particulars	Rate	Per	Amount	Total
		RS. A P		RS. A P	RS. A P
141	Cement of Concrete	1 9	1 foot	15 6 9	
205.6	of Laterite stone in Chumam	3 0	"	38 8 6	
214	of cut Laterite in Chumam	4 0	"	53 8 0	
1.5	of Painting	2 0 0	1 sq ft	3 0 0	
.83	of Installing	1 6 6	1 sq ft	1 2 8	
.83	of Graveling	1 3 3	"	1 0 0	
	Excavating foundations & filling in			5 0 0	
	Superintendence & Sundries			7 6 1	
				Total	125 0 0
	For two others of the same				250 0 0
				Total Rupees	375 0 0

Remarks

The Tunnel to be of 1 Vent and 2 ft span.
The foundations of side and retaining walls to be 2 feet thick and 2 ft deep, resting on the 90 of concrete 1 foot thick. The side walls above foundation level to be 1 1/2 feet in thickness and 2 ft in height. The vent to be covered with slabs of Laterite of 3/2 x 1-0 x 3/4. The flooring to be 1 foot in thickness and to rest on concrete of 1 ft thick. The parapets to be 1-3 in breadth and 1 ft in height. The foundations and superstructure to be quarry dressed rubble and cut laterite in Chumam respectively.

1 Range Officer
23 September 08

Sub Engineer
District Engineer

P.W.E
1877
N 8187

Abstract Estimate
No. of 187
Amount
Work

Provincial
Civil Buildings

Service.
Department.

New Works

Gudur Taluk
Southern Range.

D. P. W. NELLORE.

Total Rupees

D. P. W. NELLORE.

Taluk Gudur

Provincial

Civil Buildings

Service

Department

New Works

Abstract Estimate No

of 1876-77

Work County a Tunnel of 2 vents 3 ft span on the Road from
Podilengumpad to Tada Salt Pans

Bodhinigam 10000												
Quantity.	Particulars	Rate			Per	Amount			Total			
		RS	A	P		RS	A	P	RS	A	P	
441 3	Cft of Concrete	"	1	9	Self	48	4	3				
790	" of Laterite stone in Chunam	"	3	"	"	148	2	"				
554.5	" of cut Laterite in Chunam	"	4	"	"	138	10	"				
6.5	Sqrs of Pointing	2	"	"	Self	13	"	"				
145	Cy of Metallings	1	6	6	Cy	2	7	4				
1.45	" of Graveling	1	3	3	"	2	1	8				
	Excavating foundations and piling in					11	"	"				
	Superintendence & Sundries					16	6	9				
	Total Estimate Rupees.									380	"	"

Remarks

The Tunnel to be of 2 vents 3 ft span ~
The foundations to Pier and Abutments to be 2 ft broad and 3 ft
high, resting on concrete, 1 ft thick. Abutments and Pier
a lower foundation level being 1 1/2 ft thickness to a height of
3 ft. The vents will be covered with slabs of Laterite of 4 1/2 x 10 x 3/4
The flooring to be one foot thick and to rest on concrete of 9" thickness
The parapets to be 1-3 in breadth and 1 foot in height. The wings
at the junction of the abutments to be 1 1/2 feet in breadth and
3-9 in height they will slope to 1:3 at the end. The foundations
and superstructure to be of quarry dressed rubble
and

8187

Enclosure of letter
No. 261
D. P. W. NELLORE.
Talug. Southern Range.
Civil Buildings
Service.
Department.
Abstract Estimate
No. of 1876-77
Amount of Rs. 380-0-0
Work Constructing a dam on the
road from Boobangumbar
to Chaga dalt panna

Total Rupees

D. P. W. Nellore Revised Southern Range
Talug (Gudur) Village Tada Original Work
Provincial Communications Imperial Service. D. Salt Dept.
Abstract Estimate No. of 1876-77 III Miscellaneous
Work Improving the approach to the platform
at Tada.

Quantity	Particulars	Rate Per	Amount	Total
11075	Sqds of clearing jungle	" 1 1/2 Sqds	86	84
15764	Cds of Earthwork	" 1 " Cd	939	52
15764	Do Levelling & Re-dressing	" " 2 Do	164	34
9302	Sqds of surfacing slopes	" " 4 Sqds	193	128
1434 5/8	Cds of Metalling	1 66 Cd	2017	119
717 5/12	Do of Travelling	1 33 Do	863	23
Masonry work				

1	Tunnel of 2 Vents 3' apart	380 " "	each	380 " "
1	Do of one Vent 2 do	125 " "	do	125 " "
2	Do do do	125 " "	do	250 " "
2	Road Dams of 10 yards	90 " "	do	180 " "
1	Do do of 20 yards	160 " "	do	160 " "
1	Do of 40 do	295 " "	do	295 " "

Superintendence & Sundries 285 4 6

Total Estimate Rupees 5940 " "

Southern Range Office
2nd September 1876

(Signed) J. A. Fox Sub Engr
(Signed) H. L.

Dist Engr's Office
Nellore
10th October 1876

(True Copy)
H. Sherris
Dist Engr's Office
Nellore 2

District Engineer
Nellore

W. J. W. S. & Co
Range Office

14th August 1876
23rd September 1876

made and delivered
to the Ward

P.W.D.
13NN76
N~~o~~ 187

1/2 yds of clearing jungle 11095 1/2 86 10 10 11075 1/2 14 86 8 4 1/2 20 1/2 26
 200 of Earth work 12824 1/2 1 501 8 5 15764 1/2 2 10 939 5 2 2939 1/2 137 12 9 1/2

Smelling and Seehomg 15764 1/2 2 164 3 1 15764 1/2 3 4 1/2

1/2 yds of Surfing slopes 9302 1/2 4 193 12 8 7302 1/2 193 12 8 1/2

200 of Metallurgy 13915 1 6 6 956 1 6 1634 1/2 1 6 6 201 1/2 11 9 43 1/2 61 10 3 1/2

200 of Graveling 818 1 3 3 984 1 2 6 717 1/2 1 3 3 863 1/2 2 3 1/2 100 1/2 121 0 3 1/2

This work was undertaken and completed by the Salt Department, the excess was owing to repairs carried out by that Department during monsoons. The actual rate is 11 2/3 per sq. yd.

This work was not provided in the Original Estimate but was found to be necessary, 2/3 the amount has already been spent by the Salt Department, and 1/3 will be required when laying on the metal by this Department.

The Surf work was done by the Salt Dept and was found very necessary but was unaccountably omitted in the original Estimate.

Excess owing chiefly to an excess of length found in remeasuring the road by Mr. Superius or Thorpe.

The Original Estimate provides for 14 ft gravelly over 12 ft metal, but the revised Estimate provides for equal widths of metallurgy & graveling hence decrease.

Masonry works

Tunnel of 2 vents 3' span 1 330 0 330 0 1 380 0 380 0 50 0 0

Tunnel of one vent 2 ft span 1 110 0 110 0 1 125 0 125 0 15 0 0

0 0 0 2 125 0 250 0 2 250 0 0

Road dams of 10 yds 2 73 0 146 0 2 90 0 180 0 34 0 0

0 0 of 20 yds 1 130 0 130 0 1 160 0 160 0 30 0 0

The sanctioned Estimate provides for rubble masonry, but as cut laterite is easily to be had, with a slight excess of rate it is proposed to use the latter from which much better work can be had.

An Irrigation Channel crosses the main & branch Roads, and a small tunnel over each is very desirable.

The excess owing to the masonry being intended to be built of cut laterite.

to the salt Paltforms at Tada

Increase Decrease

Remarks

Quantity
Amount
Quantity
Amount

Road Dam 7. 4098	24000	24000	29500	29500	9367	12120
Superintendent's Office						
Sundries	21589	28546	28546	69119		
	50000	5740	5000	106129	12129	
		940		94000		

Lateral instead of Rubble laterals as provided in the original estimate.

This excess issuing to excess in general cost and is only 5 per cent on estimate.

Southern Range Office
22nd September 1876
Dist Engr's Office
Vellore
10th October 1876

A. A. M. sub Engr

Range Office

W. Humphreys
District Engineer
Vellore

M.

P.W.D
13VV76
N. 8187

Enclosure of the
No. 261 dated 20
September/76 from
the Office of the
Southern Branch
to the D. T. Engineer

21. 11. 76
24. 9. 76

Comparative Statement for improving the appraiser

Description of work	As per Estimate			As per Revised Estimate	
	Quantity	Rate	Amount	Quantity	Rate

P.W.D

General & Engineering Department

シ
名

•

11

五

11

5.

1

2.

1

7.

1

37

1.

1

357

•

2

3/6/71

1

11

Along bank of the channel

Figure 11111 Figure 12

At point of junction of the branch to the river North of the point

Figure 11111 Figure 12

High ground on which the trader's shack stands about 12 or 1300 to the south.

1814 9/3	30	5 2/3	1/3	075	61 9/3	50022	514 1/3	407 1/6
30	2	1/2	1/6	60	20	10	Figure 11111 Figure 12	
1344 9/3	45	6 1/3	2/3	190	135	30	15	
1389 9/3	117	6 1/3	5/6	585	78	39		
1306 9/3	63	6 2/3	5/6	350	315	52 1/2	26 1/4	
1569 2	45	6	1/6	135	120	30	15	
1614 9/3	10	6 1/2	3/4	483 1/2	30	15		
1626 9/3	320	7	1	2240	1760	210 1/3	108 2/3	
186 1/3	65	6 1/3	2/3	294 2/3	357 1/2	195	21 2/3	
207 1/3	65	4 1/2	1/2	330	40 2/3			

One of the old and old channel.

607 1/6 ✓ 42 15 630 1/6 ✓ 1519 1/2 397 15 1/2

42 7 296 ✓
 42 5 1/2 231 ✓
 42 4 1/6 28 ✓
 42 3 1/2 14 ✓

649 1/6 ✓ 22 3/4 One Road Dam 720 yds

671 1/6 ✓ 155 75 2325 ✓
 155 7 75 1085 ✓

155 5 1/2 852 yds ✓
 155 4 1/6 105 3/8 ✓

57 3/8 ✓

826 5/8 ✓ 12 3/4 One Road Dam 720 yds
 839 1/2 ✓ 155 1/2 300 ✓

200 7 1/2 1400 ✓
 200 5 1/2 1100 ✓

200 4 1/6 130 3/8 ✓
 200 4 1/2 66 3/8 ✓

1039 1/2 ✓ 42 3/4 One Road Dam 720 yds

1082 1/6 ✓ 14 5/8 1160 ✓

1015 ✓

79 3/4 ✓
 96 3/8 ✓
 25 3/8 ✓

Bruck was signed clear off from creek little

1227 1/6 ✓ 63 7 1/2 110 3/8 390 3/8 ✓

63 6 1/3 399 ✓
 63 4 1/6 42 ✓

63 4 1/2 21 ✓

Deep water channel or narrow to Lake

1290 1/6 ✓ 3 1/2 One Tunnel 92 West 3 ft. dam each
 1293 3/8 ✓ 12 7 1/2 11 1/4 122 1/2 ✓
 12 6 1/3 76 ✓
 12 4 1/6 8 ✓

1306 3/8 ✓ 9 6 1/2 3 3/4 437 3/8 ✓
 9 3 27 ✓
 9 4 1/8 6 ✓

2 have of supply channel

1107 5/8 ✓ 9 4 1/2 1107 5/8 ✓
 1107 5/8 ✓ 6 3/4 600 1/2 ✓
 814 5/8 ✓ 401 1/8 ✓

True

Dear Sir,

Estados Unidos de
America y la Plataforma
afirmada a la Plataforma

Miles

Commencing from Truckee Pass.

6 6 1/2 18
 your your & your
 to the Channel of the River.

1 4 1/2 " " " " 2 "
 6 1 1/3 Our Dinner of our and 1st spaw. Our side Channel of Dunk No. 3.

204/12	22	89 ✓
444/12	22	89 ✓

44 1/2 1 1/8 29 2/3 14 5/8

44/92	46	1/12	18 2/3
21	57/8	1/6	

21 1/2 31/2

[illegible]

260	5/5	1/6	12319	1	100
-----	-----	-----	-------	---	-----

[illegible]

240 4 1/2 84/93

60	15	900	150	1
60	6	1/2	150	1

160

60 57 16 40

4442 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064

11/4/3 8/13 2/3 6.55 4.51 1/3

342 ✓

706

774 112 38 ✓

10 Rue de la Harpe

90 15-11-1880.1 1000 1000
90 15-11-1880.1 1000 1000
90 15-11-1880.1 1000 1000

90 5/2 495

90 11/6 40

90 4 1/2

3660* 1643 151 1/2 97 19'

P.W.D.
13 NOV 76
No 8187

Enclosure of
Letter No 261 dated
20th September 1876
from the Office
of the District
Engineer
Nellore

For the purpose of
the construction of
the road from the
Great Northern Road
near Bodilingalapadu to the
salt platform at Lada duly
countersigned by the Collector.
This work was sanctioned by
Government in the Revenue Depart-
ment on the 11th January 1871 No 73
its construction was first undertaken
by the Revenue Department and

No 136 District Engineer's Office
Nellore 9th November 1876

From J O'Shaughnessy Esquire
District Engineer
Nellore

To Major General G. W. Walker P.B.
Secretary to Government
Public Works Department
Fort Saint George.

- 1 Detailed Estimate
- 1 General Abstract
- 5 Abstract Estimate
- 1 Specification
- 1 Comparative Statement
- 6 Plans
- 15 Total

Sir, I have the honor to forward
a revised estimate for the salt
road from the Great Northern Road
near Bodilingalapadu to the
salt platform at Lada duly
countersigned by the Collector.
This work was sanctioned by
Government in the Revenue Depart-
ment on the 11th January 1871 No 73
its construction was first undertaken
by the Revenue Department and

carried out to the extent of Rs 2,100
when transferred for completion
to this Department by G. O. dated
3^d December 1875 No. 3428.

The original estimate amounted
to Rs 5,000. The revised estimate
amounts to Rs 5,940 or Rs 940 in
excess of the estimate originally
sanctioned.

The cause of the excess is fully
explained in the accompanying
Comparative Statement it is
principally due

1st To excess in Earth work,
sectioning and turfing executed
by the Revenue Department
and the excess appears to have
been caused in keeping what

had been done in repair²⁵
2^d. To the cost of 2 small
culverts which are now found
necessary but which were not
provided for in the original
estimate.

and 3^d, to meet a slight excess
in the cost of the masonry works
originally sanctioned caused
by the proposed use of latente
instead of stone Rubble.

A sum of Rs 4,000 was applied
for on account of this work
in the list of incomplete works
submitted to you on the 27th April
last. It was not then known
that the Revenue Department
had already expended 2,100 Rs.

upon it, and in the revised
list forwarded to you with my
letter No. 134⁺ of the 8th instant
I have applied for only Rs 2900
for expenditure in the current
year. The balance of the estimate
Rs 940 is entered in the Budget
for 1877-78.

I may mention that the
work is in progress and I
request an allotment of the
(Rs 2900)
funds required for the current
year's expenditure as soon as
possible.

I have the honor to be

Sir

No 529

Your most obedient servant

W. H. S. S. S.
District Engineer

90-1-71 No 76
 " 3-12-75 3428
 " 24-4-76 1022
 " 30-6-76 1523
 " 11-8-76 1449 *Final Deft*

From P.W.D.
 The District
 Engineer of
 No. 181
 To The Secretary
 to Government
 Madras

Dated 9th November 1876
 Subd 110 do do
 Read
 76 P.W.D. 136 Encls to
 P.W.D. with Librarian
 Salt Road from the
 Great Portenore
 Road near Kodu-
 lingalapa and to the
 Salt Platforms
 at Poda
 Forwards for
 sanction a revised
 Estimate for the
 duly countersigned
 by the Collector.

Cor 18-11-76

No 3201
 Civil Works
 Public Works Department

(a) Heads of Service— *Imperial*
 Fund *Ordinary*
 Class *Original Works*
 Main head *Other Services*
 Sub-head. *Salt Department*
 Section *III. Miscellaneous*
 Name of Work. *Salt road from Kodlingampad to Soda Platforms.*

Amount Rs 5940

To be carried out by the *P.W.* Department

Print in the margin of G.O. No 3201 of 28/11/76-

3201 Civil W. 1/10 5
Public Works Department 31

PROCEEDINGS OF THE MADRAS GOVERNMENT

UNDER date the 28th Nov 1876
Read the following —

From The District Engineer, (M. S. 1000/1000/1000)
Pellur.

The District Engineer
announcing to the Government
that under the
provisions of the
the expenditure on the
work up to the end of
the last financial year
was Rs. 1,100, and Rs. 2,000
are to be paid for during
the current year, leaving
Rs. 1,400 to be provided for
in the year. The District
Engineer should submit
proposals for the appropriate
the funds required
during the current year
from the money already
at his disposal for salt

For
Receipt
of
the
District
Engineer

Let it be. Of the Rs 7500
available in the Fundst
accumulated, monthly. @
No 1022 dated 24th April
1876, Rs 2000 only have
been spent up to the end
of September. Under
these circumstances
it is not considered
advisable, even if money
were available, to add to
the funds at the District
Engineer's disposal.

His sanction
has been requested G.M.W.
as Imperial No 104 W of
1876-77-

No 529/30

H. C. Bellamy
Deputy District
Engineer

Recd - 7-12-76

Distt Cir 18-11-76.

918
Govt. of 1876 Madras.
PUBLIC WORKS.

To

Mr H. G. Sellar

29-11-76

Date

Is not

Is not

Recd

Encl

G O, 28 Nov 1876, 40

Nos. 20/30

13
Salt Road from the front
Northern Road near Kori-
-mankhadi the Salt
khalkom at Lada, Sellar
Brit — The revised
Annals of 5940 in the
— sanctioned

Printed by