

(1) Number of pages 20
(2) Date of repair 4-9-86
(3) Initials of the Referencer lora

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D DEPARTMENT

G.O. No.	4107-W	Press.
B.P. No.		Mis.
Dated	21-10-1878	197

R.R.
Not to be folded or roughly handled.

11107
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

21st October 1878, No. 4,107 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 272. Endorsement of the Additional Secretary to Government, Revenue (Famine) Department, dated Ootacamund, 17th October 1878.

From Lieutenant-Colonel H. L. PRENDERGAST, R.E., District Engineer, North Arcot, to the Collector of North Arcot, dated Gudiatum, 20th September 1878, No. 3,063.

I HAVE the honor to forward herewith, for your approval and countersignature, the estimates for the works as per margin. The work has been put in hand. The work has been put in hand in accordance with the orders verbally given by His Grace the Governor in the Fort. The amount is within your limit; but the authority of the Government will be required to allow of your sanctioning the estimate, as the work is within 25 miles from the Palar channels.

PROVINCIAL REPAIRS.

Vellore Taluk.

Clearing entrance to the pagoda and removing silt from the channel round the same in the Fort of Vellore; uncovering drain to clear sand, and recovering such, Rupees 160.

From W. S. WHITESIDE, Esq., Collector of North Arcot, to the Additional Secretary to Government, Revenue (Famine) Department, dated Chittur, 28th September 1878, No. 343.

THE enclosed is an estimate of Rupees 160 for clearing the entrance to the pagoda and removing silt from the channel around it in the Fort of Vellore, and uncovering drain to clear sand, &c., received with the Superintending Engineer's letter, dated 20th instant, No. 3,063. From the accompanying copy of the said letter it will be observed that the work has been put in hand by the Officers of the Public Works Department in accordance with the orders verbally given by His Grace the Governor when at Vellore on the last occasion. As this work is situated within 25 miles from the Palar channels, I have the honor to request that you will be good enough to obtain at an early date the necessary sanction in writing for its execution.

TRANSFERRED to the Public Works Department, with the remark that it seems a building matter.

(Signed) J. H. GARSTIN,
Addl. Secy. to Government.

No. 273. ORDER THEREON, 21st October 1878, No. 4,107 W.

THE execution of the work is sanctioned.

2. This sanction has been registered as Provincial No. 116 B of 1878-79.

(True Extract.)

Colonel, R.E.,
Secretary to Govt., P.W.D.

To the District Engineer, North Arcot.

„ Examiner of Public Works Accounts, with Estimate.

Exd. T. D. Ryan.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1878) Madras.

PUBLIC WORKS

THE DISTRICT ENGINEER,
NORTH ARCOT.

20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 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

OCTOBER.

Nov. 272-273.

Payable to the Port of Vellore. The estimate for certain improvements to the Port, sanctioned.

Enclosures 2.

1. De Estimate
1. At. do

Provincial
Repairs

Vellore Taluk

Clearing entrance to the
Pagoda and removing
silt from the channel
round the same in the
Joth of Vellore uncovering
drain to clear sand and
recovering creek. Rs 1000

North Arcot
District Engineer's Office
Gudiallum 28th Sept 1878
No. 3063

From

The District Engineer
North Arcot District

To
The Collector of
North Arcot District

Sir, I have the honour to
forward herewith, for your
approval and countersign
nature, the estimates
for the works as per margin.
The work has been put in
hand. The work has been
put in hand in accordance
with the orders verbally
given by His Grace the
Governor in the Joth. The
amount is within your
limit: but the authority
of the Government will be
required to allow of your
sanctioning the Estimate,
as the work is within 25 miles
from the Palar channels.

Yours &c

(Signed) by L. Henderson
District Engineer
North Arcot

L. S. Whiting
Collector

Compd

4109
3

Fund

blaso

Main Head

Civil Buildg.

Sub Head

Wirk.

Clearing entrance to the Pagoda and removing
silt from the Channel round the same in the Fort
of Vellore, uncovering drain to clear sand, and
recovering such.

Journal of E. H. R. 184

To be carried out by the R.F.W. Chace in the

Particulars	No.	Measurements			Contents
		L	B	D	
Clearing entrance to the Pagoda					
Removing earth from Road way in front of Tunnel		21	13.61	283.6	
Carried over					283.6

PM 11922/48

Each one is a
letter from the
California All
and all the
additional
new long shown
and the whole
is all.

Newborn, at the
 1st of June 1800 & the subject
 17 lbs weight with the
 breast that it bore
 a fine baby mother.

Particulars	Measurements				Content
	No	L	B	D	
Brought forward					283.6
Removing Earth from Tunnel to the					
Shutter Gate	19	13.6	2.3		577.12
" from shutter to the old floor level	33	13.6	1.6		668.3
Total Cft of Earthwork					1245.42
<u>Demolishing masonry</u>					
Abutments of Tunnel	2	15	2	1.6	90
Covering slabs	15	9.6			22.6
Total Cft of demolishing masonry					112.6
<u>Brick in Chumam</u>					
Building wall under gate (shutter)					
to keep it in position	2	6	2	3	72
Total Cft. of Brick in Chumam					72
<u>Earthwork</u>					
Removing earth over the covering					
slabs of drain from Rampart	48	4.6	1		216
do do do	101	8	2		1616
do do do	33	8	1.6		396
Removing silt from channel at Rampart	346	3	1.3		1297.6
do do do	199	3	2		1194
do do in front of Pagoda	115	4.6	3		1552.6
Total Cft of Earthwork					1272.0

Particulars	Measurements				Content
	No	L	B	D	
Removing Covering stone for clearing ^{off} _{ordin}	120				120
Cutting grooves in the old stone to fit					
in an iron grating	Rft 17				17
Iron Grating	N 1				1
<u>Constructing a new drain at N.W.</u>					
<u>Joining Sub Collectors Compound in</u>					
<u>order to make a straight drain</u>					
Deepening old drain	47	3	1.6		211.6
Cutting road to meet old drain	37	7	4.6		1165.6
Total Cft of Earthwork					1377
<u>Revetting sides of New drain</u>					
Revetting sides of New drain	2	37	1.6	3	333
Flooring the drain	37	2.6	1		139.9
Covering drain	37	6	1		222
Revetting sides of old drain	2	47	1.6	2	282
Total Cft of old stone work					976.9
<u>Training road and Road</u>					
<u>Earthwork</u>					
Removing a portion of road for					
a Road dam	24	10	1		240
Carried over					240

Particulars

Measurements
No L B D Content

Brought forward 240--
Forming bund on the south side of
road to prevent water from going
into Pagoda Temple 156-- 2-6 1-6 585--
do do do 48-- 2-- 1-- 96--
Total cft of Earthwork 921--

Surfing

Bund 156-- 4-6 702--
do 48-- 3-6 168--

Total cft of Surfing for new Bund 870--

Gravelling 3" thick

Roadway 24-- 10-- 240--
Total cft of Gravelling 240--

Abstract

Quantity

Particulars

Rate Per Amt Total

10098 cft of Earthwork 1-- 100 cft 25 --
112 " of Demolishing masonry 1 -- 1 --
72 " of Brick in Churnam 1 1/4 13 -- 11 --
Carried over 37

Quantity

Particulars

Rate Per Amt Total

Brought forward 37 --
120 No of Removing slabs and replacing 4 -- 8 30 --
17 Rft of cutting grooves in the
old stone to fit in an iron grating 4 -- Rft 4 --
1 No Iron grating with hasp
hooks, hinges, padlock, key,
+ with necessary workman
ship 5x3 15 -- 15 --

977 cft of old stone revetment
from a distance of 30' 12 100 cft 7 --

870 cft of Surfing 6 -- 100 cft 6 --

240 " of Gravelling 3" thick 8 -- 100 cft 1 --

1 No Removing rotten part
of shutter, fixing pulleys
and for coolies for
lifting up the gate in position 25 --
Cart hire for ropes windlass &c

from Raicepett
Removing old lime kiln etc 4 --
Sun dries 20 --

Superintendence 5 --

Total of Estimate Rupees 160 --

This Estimate provides for removing
masonry Tunnel in front gate of Pagoda,
& for raising the door while building a wall
under it, forming a new drain near corner of
Sub-Collector's quarter; clearing old drain from
Temple to Rampart; removing the earth inside
of the gateway & for raising a bund on south
side of road in front of Pagoda to prevent water
getting inside, Rs 25 have been allowed for lifting
the gate, should this item cost less the money
will be shewn as saving.

W. J. Kelly

Taluk Overseer

W. Hamilton

Lieut. R.E.

Assistant Engineer

Vellore Range Office
Vellore 16th Sept 1878

Vellore 22nd Sept 1878
Chakravarthy L. C. Rho.
offg. Suptg. Engr. North Circle

J. S. Whitman

G. H.

1/3355/78

Enclosure in a
letter from the
Collector of North
Arcot to the Additional
Secretary to Government
of 28 September 1878
No 343.

Sum 2
78413
No 45048-21-10-78
PW 11922/78
District North Arcot
Palay Vellore
Detailed Estimate No 30 of 1878/79.
Head of Service... Provincial
Fund... Ordnance
Class... Repairs
Main Head... Civil Establishments
Sub Head... Miscellaneous

Work

Clearing entrance to the
Pagoda and removing silt
from the channel round
the same in the Port of
Vellore, uncovering drain
to clear sand and recovering
such.

Amount of Estimate Rs. 160-

North Arcot District

1343

Thom,

To,

Sir,

1343

North Arcot Collector's Office
Chittoor 28 September 1878

W. G. Whiteside Esquire
Collector of North Arcot

J. H. Garstin Esquire
Additional Secretary to Govt.
Coimbatore.

The enclosed is an Estimate
of Rs 160 for clearing the entrance to the
Pagoda and removing silt from the channel
around it in the Port of Vellore and un-
covering drain to clear sand &c re-
ceived with the Superintending Engi-
neer's letter dated 20 Instant No 3063.
From the accompanying copy of the said
letter, it will be observed that the work
has been put in hand by the officers
of D. P. W in accordance with the orders
verbally given by His Grace the Governor
when at Vellore on the last occasion.
As this work is situated within 2.5
miles from the Palay Channels, I
have the honor to request that you
will be good enough to obtain at an
early

early date the necessary sanction in
writing for its execution,

And to be,

Yrs

Your most Obedient Servant

John P. Hoffman

For Collector

4107
10

Cir 18.10.78. Ktd 21.10.78
P. L. Snell Co. Del.

11922



Govt. of (1878) Madras.

PUBLIC WORKS.

To

M. L. Vincent

Dated

Issued

Recd.

Encl.

G. O. 21 Oct. 1878. No. 41074

Nos. 272 to 423

Pagoda in the Fort of Vellore

The estimate for certain
improvements to the — same.

Estimate kept.