(1) பக்கங்களின் எண்ணிக்கை 30

(2) புதுக்கித் திருப்பிய நாள் 7.11.89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். 2348 W

மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 29.8.1890 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

வண. கா-1—18,006—15-6-87.

Notes of Inspection by W. Rainier Esq.
of the office of the Executive Engineer
Godavari Eastern Division at Dow-
laishweram on the 25th to 27th
February 1890.

Mr. C. Milford Smith Executive
Engineer 3rd Grade is the Executive
Engineer and M. R. Ry Subarayudu
puntulu the Accountant. The
office was last examined in March
1889.

2. The Sub Divisions are now:-

Names of Sub-Division	Name and rank of Sub. Divisional officer	Drawing account or Imprest
Head works and Workshops	Mr. J. Inglis Assistant Engineer	Drawing Account
Cocanada	Mr. S. B. Murray Assistant Engineer	
Samalcotta	Mr. C. W. Franch Supervisor	
Dummagudem	M. R. Ry Subramania Sastri overseer.	

3. The following imprests are held:-

Name, Rank and Locality of Imprest holders	Amount of Imprest Rs	By whom Recouped
Serjt. J. Ruck Orderly in charge of Northern Section of Delta Sub Division Cocanada	300.	Mr. S. B. Murray Assistant Engineer

Name Rank and locality of Imprest holders	Amount of Imprest.	By whom recouped.
	Rs.	
M.R.Ry. B.Lakshmayya Delta Superintendent Kotta Lanka portion Bank Canal.	100.	Mr S. Bellamy Assistant Engineer
M.R.Ry. R.Chakrapamma Overseer Bank Restoration Rajanagaram	50.	Mr C. Melford Smith Executive Engineer
M.R.Ry. S.Moothia Pillay Overseer Rajahmundry Daily.	50.	Mr. C.W. Travis Supervisor
Sergt. J.S. Joyce Foreman Mechanic Dowlaish meram Work Shops	100.	Mr. J. Inglis Assistant Engineer

4 × × ×

5 × × ×

6 Extending Sluices No 1 of Adivgunnilla Venkiah's bank at Nandivada Rs. 410.

Materials issued to Contractors have not been debited in Contractor's ledger and no record exists of such issues sufficient to check deductions from Contractors bills. There is a column in Register of Works "Value of Materials issued to Contractors" but this is written up only at end of month after bills are paid and with net result of amounts shown in bills. It therefore proves nothing and affords no check.

Line and sinki issued to Contractors in September were not brought to account in Register of Works till November.

7- Taking the months from April 1889 to January 1890 and ~~Striking~~ Striking an average of the charges per month per print they come to about Rs. 25, the average earnings per print (taking the same months) being about Rs. 35-13-5.

8. The following slight differences between Divisional and Sub Division. al Tools and Plant returns were noticed.

Metallic Tapes 100' were as per Sub-Division return ——— 21
and as per Divisional return ——— 22
Squares as per Sub Divisional return ——— 146
as per Divisional return - 148

The books of reference in the Executive Engineer's office were not on the Tools and Plant return. The printing Machinery and type were not sufficiently particularised on the Tools and Plant Return the weight of each kind of type should be entered.

9- In the register of Buildings the value of the Superintending Engineer's quarters were stated

Rs 17408 instead of Rs 21875

10. The Service books of undividuals as follows require attention in regard to the defects noticed against each.

D V. Chelapathy - Delta Superintendent attested by Sub Divisional Officer only verified up to end of September 1888.

G. Lakshmmanasayyer - Lock Superintendent, attested by Sub Division Officer verified to 31st December 1888.

Madina Sahib - lock lascar. Scraps of paper, no book attested by Sub Division officer.

Jalal Sahib - lascar - Scraps of paper attested by Sub Divisional officer

Mr C W. Yarish - Supervisor. Scraps of paper - verified to end 31st January 1889.

N. Subbarayudu - Clerk. Scraps of paper torn and time stained verified to 30th September 1888.

R Veerasawmy - lascar - verified up to end of December 1888 attestation by Sub Division officer.

11. The amount realised in Cash in 1889 for plantations and produce on Canal banks in this Division was Rs 8598-13-8. There are at present no means of ascertaining whether this is the correct amount which should have been yielded on which was yielded. Until some method is worked out for this purpose it seems desirable to sell the entire produce of Canal banks the highest bidder annually inviting tenders in good time - to this end.

12. Para 10 of last report. Lock Superintendents and boat Superintendents still give no security.

13. Para 11 of last report No fees are collected at Dowlaishweram wharf. it is believed that wharves if opened more freely would be a source of great profit to Government without diminishing traffic on the Canal.

14. The P.W.D. Workshops at Dowlaishweram which before was regarded as a separate Division for accounts purposes was amalgamated with the Godavari Eastern Division and treated as a Sub. Division of that Division since 1st January 1890 with reference to G.O. No 2691 W dated 24th September 1889. The system of accounts specially introduced for the Dowlaishweram workshops (vide G.O. 371 I dated 25th May 1886 still continues.

15. With reference to para 3 of the last inspection report (G.O No 1235 W. dated 10th May 1889)

an estimate for fitting new steamer for the Rajahmundry ferry has since been prepared and the job subsequently finished and its accounts closed. But a similar want of estimate was noticed this year as the following instances will show.

General No of job.	Name of job	Expenditure to end of January 1890 Rs a p
(1) 296.	Repairing screw propeller of Dowlaishweram Head Sluice	72-10-5
(2) 237.	—"— Screws of Vijeswaram Head Sluice	78-12-8
(3) 326.	Making tappal leather bags for Head agency Eastern Division	60-3-3
(4) 347	Repairing Pregtmajo dredge	62-15-10
(5) 331.	Repairing feed pump walls and plugs of steamer Shamrock	84-6-4
(6) 342	Making ranging rods for East Coast Railway	96-15-7
(7) 408	Do Do Tuni Division	19-3-9
(8) 309	Making iron pipe for Berhampore jail	16-5-5

16. Para 4 of the last inspection Report and item 4 of Summary

In replying to the Examiner's remarks in the Summary on the last inspection report of the workshops item 4 the Executive Engineer stated that the system of giving out work on contract or piece work agency had been abolished and that if the workmen were again employed on piece work, the ticket system suggested by the Examiner would be introduced. the old practice of giving out works on piece work has been resorted to since January 1890 and the ticket system might with advantage be used to prevent any overpayments to workmen engaged as piece workers

17. General Charges. Debits to this head were analysed and nothing irregular was found. The large credit balance under general charges (vide last report para 6) was completely wiped off in March 1889 in the Supplemental accounts of which month Rs 1723-1- were credited to Revenue. Since June 1889 jobs are being charged with a percentage on account of general charges the centage rate being fixed at only 2 per cent (Superintending Engineer's No 759 Gld dated 22nd June 1889) But even this percentage seems excessive, the debits to general charges are compared with credits to the same head during the months, June 1889 to January 1890 in the following statement. The net result being a credit balance of Rs 260-10-1-

	Debits to General Charges	Credits to General Charges by debit to job at 20%
	Rs. a. p.	Rs. a. p.
June 1889	47-11-6	110-3-1
July 1889	49-4-2	119-4-2
August 1889	57-1-6	74-11-0
September 1889	64-6-7	95-11-11
October 1889	54-0-4	44-13-11
November 1889	60-10-7	112-12-1
December 1889	72-6-5	79-15-2
January 1890	62-13-7	91-9-5
Total Rs.	468-6-8.	729-0-9
	Difference	260-10-1

18. The conventional rates for work people (paras 29 and 30 of inspection report of 1888 and para 17 of inspection report of 1889) also produces a credit balances under General charges - The following figures shew profit or loss in each month from the wages of work people being paid at actual rates and charge to jobs at conventional rates.

Month.	Profit or loss Rs. a. p.
June 1889	16-6-0
July 1889	44-11-5
August 1889	54-14-0
September 1889	4-15-9
October 1889	21-0-6
November 1889	24-8-11
December 1889	8-2-8
January 1890	18-0-0
Net profit Rs	117-4-7

19- The above figures suggest that the Conventional rates are susceptible of reduction.

20- The present conventional rates are as shown below.

	Revised rates of April 1888 para 17 of last report. Rs. a. p.	Present rate. R. A. P.
Bellow boys	0-2-0	0-2-0
Hammerman	0-4-0	0-4-0
Smiths	0-7-0	0-8-0
Fitters	0-8-0	0-8-0
Do boys	0-4-0	0-2-0
Carpenters	0-9-0	0-8-0
Do boys	0-3-0	0-3-0
Lascars	0-4-6	0-4-0
Painters	0-8-0	0-8-0
Moulders	0-6-0	0-6-0
Apprentices	0-2-0	0-2-0

21- The stock accounts were examined Under house fittings there is a balance of one door frame with shutters the book value of which is shown in the books as Rs 298-0-3. But the actual value of the door in question is found to be only Rs 37-0-3 the difference represents value of 6 doors sent in August 1889 to the Godavari Western Division on account of Ellore Taluq Cutcherry but no adjustment has taken place the reason being that there being no sanctioned Estimate

for the above work (vide Godavari Western Report)

22. The doors are now in the Godavari Western Division and the value of the same is on the accounts of the workshops.

23. Bills for steamer charges payable by private parties are made out after their journies are over and recoveries afterwards effected. No prepayment is enforced in such cases.

24. These are the following outstandings.

Month and date	Name of hirer	Amount	Remarks
23rd September 1889	President Taluq Board Godavari	325-9-9	Amounts on receipt signature of bill by President Taluq Board
22nd and 23rd October 1889	Rajahmundry Apparao of Nazvid	49-0-0	Reminder sent
5th November 1889	Mr A. H. Mason Executive Engineer Railway Survey	15-0-0	Engineer-in-chief addressed as to the hirer's whereabouts and as to recovery of amount
24 November 1889	Mr J. Battie District Forest Officer	7-8-0	Reminder sent
11th December 1889	Surgeon major Mowelly	14-0-0	
14th February 1890	Superintendent of Telegraphs	70-8-0	
22nd February 1890	Zemindar of Nuzvid	28-0-0	

25. The office is in very good order and may be expected to remain so under the present Accountant.

Doegam 28th March 1890 } Signed H. Ramer
Insp'g (Accts) Officer

Forwarded to the Secretary to Government Public Works Department for the information and orders of Government with the accompanying summary and remarks.

2. Special attention is invited to item 12 of the summary which deals with a matter noticed in the last inspection but which has not received attention (vide item 4 of last summary)

SUPERINTENDING ENGINEER
No. 2
25 JUL. 90
FIRST CIRCLE

SUPERINTENDING ENGINEER
14 JUN. 90
FIRST CIRCLE

352

(C. No. 93.)

Division Godavari East Summary of Inspection Notes dated 28th March 1890

Item No.	Para. of Inspection Notes	Irregularity noticed.	Code or other order bearing on the subject.	Examiner's Remarks.
1	6	Failure to debit a Contractor in the Contractor's Ledger with the value of materials supplied to him -	1868	The value of materials made over to a Contractor should be debited to him. The Executive Engineer should explain why this has not been done.
2	6	Delay in bringing the value of Stores issued to Contractors into Register of Works	1866	Seems to require explanation
3	8	Differences between the Divisional and Sub Divisional Locals and P.W. Cash Returns in two Cases		The Executive Engineer should explain these discrepancies, have them rectified and report made when he has done these
4	8	Omission of books of reference in the Executive Engineers office from Locals and Work Returns		The question of bringing on the Return books of reference is under discussion in connection with another Division. If anything is required general orders will no doubt issue in due course

Item No.	Para. of Inspection Notes.	Irregularity noticed.	Code or other order bearing on the subject.	Examiner's Remarks.
5	8	Failure to particularise sufficiently in the Tools returns the printing Machinery and type		As the press has been or should be closed and the plant will no doubt be sold or transferred to some other Government Dept the question of the debate in which ~~enclosed~~ it should be recorded in returns may be dropped The Superintending Engineer might however be asked to state what action has been taken towards disposal of the plant
6	9	Difference between the value of a building shown in the Register of buildings and that shown in the accounts of the work		The Executive Engineer should explain why the amount of cost entered in the Register of buildings does not agree with the value shown in Accounts
7	10	Irregular attestation by Subdivisional officer of service books in 5 Cases	866	Service books should in all cases be attested by the head of an office who in the case of a P.W. Department is the Executive Engineer The Executive Engineer should therefore attest (and re attest) the service books referred to and report when he has done so.
8	10	Service books in 5 Cases have not been verified up to date	864	The Executive Engineer should explain why the services in these cases have not been verified up to date and report when he has done so.
9	11	Want of check over the realizations on account of land revenue and produce on Canal banks owing to the system of collection now followed		The question of check over irrigation Revenue receipts is under consideration Pend ing the settlement of the question it would perhaps be better to continue the existing practice.
10	12	Failure to obtain Security from Lock and Boat Superintendents	790	The question of taking security from members of the "Lock" and "Boat" Superintendents has not been definitely settled Please see my Office Note No 23 of 11th January 1869

Item No.	Para. of Inspection Notes.	Irregularity noticed.	Code or other order bearing on the subject.	Examiner's Remarks.
11	13	Failure to collect wharfage at Dunlaoghaire ran wharf.		The matter has been noticed before. The Executive Engineer might be asked to explain why wharfage fees are not collected & if the landing place has not been declared a wharf to explain why not.
12	15	Works undertaken on the Dunlaoghaire ran Harbour in the absence of sanctioned Estimates in seven cases	1893 1901	The Executive Engineer should explain the circumstances under which jobs are being carried out without proper estimates
13	16	Piece work System has again been resorted to on Dunlaoghaire ran Works since January 1890 with out using tickets to prevent over payments		The Executive Engineer should explain why the ticket arrangements which he adopted at the Examiner's suggestion was given up
14	17	Percentage of General Charges charged on jobs is excessive resulting in a ~~credit~~ balance		14/15 This for the Executive Engineer to consider the advisability of reducing the percentage of general charges and the conventional rates ~~charged~~ charge to jobs and thus minimise the profits shown.
15	18 20	The Conventional rates charged to jobs on account of pay of different classes of workmen is excessive resulting in a profit		
16	21	Irregular postponement of adjustments of materials issued to a Division for want of Sanctioned Estimates in the receiving Division	1901	From the inspection report of Dunlaoghaire western it would appear that the value of stores has been ~~re~~debited to the stores for want of a sanctioned estimate in that Division. The Executive Engineer should explain the circumstances under which the re-debit or write back was accepted by him.

Item No.	Para. of Inspection Notes.	Irregularity noticed.	Code or other order bearing on the subject.	Examiner's Remarks.
17	23 and 24	Failure to enforce prepayment of steamer charges and consequent delay and trouble in recovering them.	261 note	Enforcement of prepayment of such charges is probably impracticable; but the question of providing means for the more prompt recovery will be considered in connection with the procedure for dealing with miscellaneous revenue.

Arthur Hunter
Major R.E
Examiner P.W. accounts
SD 23/5
(Encl 10)

Item No.	Para. of Inspection Notes.	Irregularity noticed.	Code or other order bearing on the subject.	Examiner's Remarks.

Item No.	Para. of Inspection Notes.	Irregularity noticed.	Code or other order bearing on the subject.	Examiner's Remarks.

SUPERINTENDING ENGINEER 2/332 14 JUN. 90 1ST CIRCLE

EXECUTIVE ENGINEER'S OFFICE GEN-No. 352 14 JUN. 90 EASTERN DIVISION GODAVARI

SUPERINTENDING ENGINEER No. 3/647 25 JUL. 90 FIRST CIRCLE

Godavari Eastern Div. Office
No. 305 P. Dowlaisheveram. 22nd Ju[illegible] 90.

From

C. Mitford Smith [illegible]
Executive En[illegible]
Godavari Eastern Division.

To

The Superintending Engineer
1st Circle.

Sir,

With reference to your No. 513 G.O.
of 18th June 1890, on G. O. No. 157 W. of 6th June/90
herewith returned with its enclosures, I have
the honor to offer [illegible] explanation to the
various points noticed by the Examiner P.W.
Accounts as follows-

Item 1 of the Summary- G. B. 3. 30 of lime and
50 parras of punki were issued to Contractors
G. Venkatavadiam Naidu & Mohomed Ami-
=ruddeen Saheb. The issue was shown in the
ten day report for 1st to 30th September 1889—
which was received in this office from Rajah-
=mundry Sub-Division on 26th October 1889.
The contract certificates were received and pay-
=ments made to Contractors on 8th November 1889.

when

whether the value of materials issued to Contractors was debited in the Ledger- A reference to the extract from the ledger sent to the Examiner Public Works Accounts for November 1889 will show this. The remark of the Inspecting Officer "Materials issued to contractors have not been debited in Contractors Ledger" means I believe that they have not been debited in the Ledger directly they were issued to the contractors- If this interpretation is correct, instructions will be given to Sub-Dl. Officers, that they should invariably obtain receipts from Contractors for the value of materials issued to them and submit the receipts to this office at once so that the value may be debited in the ledger immediately the transaction takes place instead of when the contract certificate (form 14) is made out. Further instructions are requested as to the exact procedure to be followed in similar cases and the nature of record to be maintained to ensure sufficient check over deductions from contractors bills.

Item 2- The delay is as explained above due to the late receipt of the tenday report from Pariah mundry Sub-Dl. officer.

Item 3. One metallic tape 100' which was

Remarks by Sup. Engineer- Contractors should certainly give receipts as soon as they receive materials also- The Ex. Engr. should issue instructions to Sub-Dl officers to invariably take receipts from contractors as soon as they give their materials-

was given to Surveyor Y. Venkatramiah Naidu and two squares which were on the Store-keeper's return were not taken into account at the time of inspection hence the difference.

Item 4. Noted.

Item 5. The printing press type & machinery have since been disposed of for Rs. 204 in public auction-

Item 6. The cost of the building entered in the Register of buildings has been corrected with reference to the actual outlay shown in the Register of works.

Item 7. The instructions will be attended to and a report made as soon as all the books are attested and reattested by me.

Item 8. The service books in question have been verified, but the certificate of annual verification has not been entered. This will be done in respect of all the service books with reference to the recent ruling of Government. See G. O. No. 659 dated 9th June 1890.

Pension Department.

Items 9 & 10- Noted.

Item 11. No orders have yet been passed by

by Government in the Irrigation branch with regard to the collection of Wharfage fees at Dowlaishweram wharf. Please see para 2 of G. O. No. 2372 W of 28th August 1889.

Item 12,. The first two works objected to are irrigation works for which estimates are not generally prepared as they are not binding on the Shops as defined in G. O. No. 371 I dated 25th May 1886.

The works nos. 4 & 5 were not indented for nor anticipated at one time and hence the works were treated as trifling jobs. The works nos. 3, 6, 7 & 8 were urgently required and in the way of saving delay, the works were put in hand and therefore no estimates were framed.

As a general rule, the Workshops work on requisition either for Irrigation or for other departments and only in cases of large works (repair or new) and in cases where estimates are called for by the indenting officer, the estimates are prepared and submitted. If this system is deviated from, the present establishment of one Draftsman of the Shops will not suffice as on the average there are about one hundred works every month.

Item No. 13. The ticket system was never adopted in the shops as no advantage is apparent from its use. It is not understood why the Examiner insists upon introducing the ticket system when the time book plainly shows whether a person is employed on day or piece work.

B

Items nos. 14 & 15. There is no necessity for altering the conventional rates of anticipation &c. on the percentage for general charges as there is not much profit at present.

Item 16. The circumstances under which the redebit or write back of the value of doors sent to Ellore Salug Cutcherry was accepted cannot be explained by this office as the adjustment was effected in the late Workshop Division. The correspondence on the subject is not found in the Workshop office. Copies will be obtained from Western Division and the value redebited to that Division at an early date.

Item 17 Noted.

I have &c.

(Sd) C. Mitford Smith
Executive Engineer

Copy

No 868 G.D.

Copy forwarded to the Chief Engineer P. W. Department for information with reference to G. O. No: 1571 W dated 6th June 190. The Examiner's notes of Inspection with summary and remarks re= =ceived with the G. O. above quoted is here= =with returned-

Penclosed
1 Notes of Inspection
1 Summary
2

Supg: Engrs. office I Circle
Dowlaishwaram
Dated 3rd July 190

E W Martin
Supg: Engineer I Circle

Dasfd 1-8.

FROM

J. W. Martin Esq
SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO,

THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT.
MADRAS.

DATED 30 July
DESPATCHED 1st August 1890
RECEIVED

No. 868 GD.

ENCLOSURES. 2

SUBJECT.

Notes of Inspection of the Godavari Taluks Divn. Office by the Examiner.

Returns the — with the explanations of the Divl Officer on the several points noticed.

Memo No 3327 C dy 8. 8. 90 Ex. Accts 1879 dy 14. 8. 90
Ex. B No 1781 W dy 27. 6. 90 . . 498 dy 15. 7. 90
. . . 1571 W . 6. 6. 90 . . . 3723 dy 25. 5. 90
. . . 260 W . 27. 1. 90 . . . 3713 dy 25. 5. 90
Memo No 39 C . 7. 1. 90
. . 5485 C dy 22. 11. 89
. . 4042 C . 11. 7. 89
Ex. B No 2372 W . 28. 8. 89
. . . 1383 W . 23. 6. 89
. A . 3461 W . 1. 11. 88.
. . . 2523 W . 17. 8. 88
Memo No 4466 C dy 14. 11. 88
Ex. Accts 2671 W . 24. 9. 88
. B . 2068 W . 1. 8. 88
Memo No 3044 C . 3. 7. 89
Ex. B No 1235 W . 10. 6. 89
Memo No 3375 C dy 6. 9. 88
Ex. B No 2163 W . 17. 7. 88
. A . 3178 W dy 1. 10. 88

0
22/8

(C. No. 1201/8.)

15

GOVT. OF MADRAS. 1890. P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

KEEP-WITH CURRENT No.

Madras, 19 August 1890.

OFFICE NOTE No. 4976

dated 189 .

To

W.

Your office note No.3327 C.dated 8th. August 1890.

Returned with the following remarks:-

2. Item I of the summary. The Executive Engineer might be instructed to obtain receipts in form M.15 from contractors at the time of issuing materials to them, debiting the value of the materials to their accounts in the contractor's ledger.

3. Item 2. The Executive Engineer might be asked to insist upon the punctual submission of ten-day reports by Sub Divisional Officers.

4. Item 7. The promised report regarding service books might be awaited.

5. Item 8. The Executive Engineer might be asked to report again when all that is necessary has been done.

6. Item II. Orders of Government will be awaited.

1,000—19-5-90.

7. Item I2. In the explanation of the Executive Engineer on the inspection notes of Dowlaishwaram Workshops received with W's. office note No.33750 dated 6th.September I888 the limit of Rs.I0 was fixed by the Superintending Engineer Ist.Circle for the Dowlaishwaram Workshops within which the preparation of estimates for petty jobs may be dispensed with. It is not understood why the rule should now be deviated from. The Superintending Engineer's attention might be drawn to this.

8. Item I3. In his explanation on the last inspection report of Dowlaishwaram Workshops, the Executive Engineer promised to introduce the ticket system referred to in the Government of India Code, volume Iv, chapter III, para I08, if the workmen were again to be employed on piece work system. The matter might be left to the Executive Engineer's discretion. If he is satisfied that the system in force will prevent overpayments of the kind referred to in para 4 of the last inspection report of Dowlaishwaram Workshops he may continue it.

9. Item I8. This question has been taken up separately in connection with the inspection report of the Godavari Western Division dated I4th.March I890, see item 7 of the summary.

I0. The other items of the summary call for no remarks.

Rd 20-8-90

No. 2348 W1/29 Aug 1890

Communicated to the Superintending Engr. I Circle for information and guidance with special reference to para 7.