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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	679.	Press
		Mis.
110-111.		
Dated	7 . 3 .	1867

Not to be folded or roughly handled

17

*Proceedings of the Madras Government, Public Works Department,
7th March 1867.*

No. 110. Read the following Proceedings of the Madras Government in the
Military Department :—

Requesting the submission of plans and estimates
for the erection of Slaughter-houses at the chief } (Here enter 28th February 1867, No. 716.)
Army Stations.

No. 111. ORDER THEREON, 7th March 1867, No. 679. .

MILITARY WORKS, No. 8.

Communicated to the Superin-
tending Engineers of the 3rd, 4th, 5th,
6th, and 7th Divisions who will submit

plans and estimates for the Slaughter-houses referred to paragraph 5.
(True Extract.)

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

To the Superintending Engineers, 3rd, 4th, 5th, 6th, and 7th Divisions,
" Military Department.

any good, it should be given for a longer period than fifteen days, or even a

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

<i>From the Officiating Commissary General...</i>	Here enter 23rd May 1866, No. 532.
<i>Report from the Contr. of Military Accts....</i>	„ 11th January 1867, II.
<i>From the Quarter Master General....</i>	„ 15th September 1866, No. ⁶¹³ / ₇₇₉₉ .
<i>Report from the Contr. of Military Accts....</i>	„ 11th January 1867, G.
<i>From the Controller of Military Accounts...</i>	„ 10th „ „ A.
<i>From the Commissary General.....</i>	„ 14th December 1866, No. 5107.
<i>Report from the Contr. of Military Accts ...</i>	„ 11th January 1867, „ I.
<i>From the Offg. Secy. to Govt. of India.....</i>	„ 2nd „ „ „ 46.

From the Officiating Commissary General, Madras, 23rd May 1866, No. 532; to the Secretary to Government, Military Department, Fort Saint George.

In reference to paragraph 2 of the Government Order, No. 900, dated 9th March 1866, I have the honor to report that the Engineer Officers at Bangalore and Secunderabad, estimate the cost of erecting slaughter houses at those stations at the amounts shewn in the margin.

<i>For a slaughter house at Bangalore Rs. 1,500.</i>	
<i>For do. do. Secunderabad „ 9,000.</i>	

2. I forward statements of the probable cost of feeding the cattle for a short time prior to slaughter, by which measure an increase would take place annually in the cost of meat at the two stations of Bangalore and Secunderabad of Rupees 67,907-0-6.

3. The Executive Officer at Secunderabad has allowed the animals fifteen days' grain prior to slaughter, the Officer at Bangalore allows a month, but it is manifestly impossible to fix a time, for at some seasons grass is abundant and sufficient to bring the animals into good condition, at others again the country is burned up and bare, at such times additional food is necessary, but certainly, to be of any good, it should be given for a longer period than fifteen days, or even a month.

4. The expense of the measure under consideration would fall upon contractors, who would of course make a proportionate increase in their rates, but instead of depending upon this costly arrangement to secure a good meat ration, it appears to me that contractors should have the means of keeping their cattle in generally fair condition, and with this object, I would suggest that pasture lands should be set apart near large stations for the use of the slaughter cattle, the pastures to be under the supervision of this Department, which again should have authority to employ public cattle, when not otherwise required, in ploughing, manuring and gradually improving the land.

5. The meat contracts being held for one year only, contractors cannot make special provision to insure good grazing, and I believe that it is of greater importance to secure this to the contractor in the manner proposed, than to trust to the plan of a few days high feeding prior to slaughter, improving the quality of the ration meat.

5. It is however the opinion of nearly all the Commissariat Officers who have had any experience in these matters, that much benefit might reasonably be expected to result from prolonging the contracts, say for two or three years. This would enable contractors to make their own arrangements for the proper grazing and feeding of their cattle, and render Government aid in this respect unnecessary.

6. This report would have been forwarded at an earlier period, but has been unavoidably delayed for want of one of the estimates which has only recently come to hand.

Estimate of feed of slaughter bullocks and sheep required for one year at Secunderabad.
4,420 bullocks annually at seventeen bullocks per day, five times a week.
4 lbs. of oil cake. } each yer day.
17 lbs. of grass. }

17,680 lbs. of oil cake per day × 15 days	2,65,200 lbs.
2,65,200 lbs. of oil cake at 30 lbs. per Rupee	8,840 0 0
11,27,100 lbs. of grass at 255 lbs. per Rupee	4,420 0 0
Total for bullocks	13,260 0 0

14,560 sheep annually at 140 sheep per day, twice a week.	
1½ lbs. gram and 1 lb. bran each per day.	
21,840 lbs. of gram per day for 15 days	3,27,600 lbs.
3,27,600 lbs. of gram at 22½ lbs. per Rupee	14,533 5 4
2,18,400 lbs. of bran at 50 lbs. per Rupee	4,368 0 0
Total for sheep	18,901 5 4
Total for bullocks and sheep	32,161 5 4

COMMISSARY GENERAL'S OFFICE,
MADRAS, 23rd May 1866.

(Signed) E. MILLER, Lieut.-Colonel,
Offg. Commissary General.

Estimate of feed of slaughter bullocks and sheep for one year.
3,900 bullocks annually at fifteen bullocks per day, five times a week.
4 lbs. of coolty. } each per day.
17 lbs. of straw. }

15,600 lbs. coolty per day × 30 days	4,68,000 lbs.
4,68,000 lbs. of coolty at 32½ lbs. per Rupee	14,400 0 0
19,89,000 lbs. of straw at 193 lbs.	10,305 0 0
Total for bullocks	24,705 0 0

11,960 sheep annually at 115 sheep per day, twice a week.	
1 lb. coolty per day each for sheep	
3,58,800 lbs. coolty at 32½ lbs. per Rupee	11,040 0 0
Total for sheep and bullocks	35,745 0 0

COMT. OFFICE, M. E. R. BANGALORE,
28th March 1866.

(Signed) J. P. WATTS, Major,
Staff Corps and Asst. Comy. General.

(True Copy.)
(Signed) E. MILLER, Lieut.-Colonel,
Offg. Commissary General.

With report from the Controller of Military Accounts, 11th January 1867, II.

From the Quarter Master General, Head Quarters, Ootacamund 15th September 1866, No. 613/7799; to the Deputy Secretary to Government, Military Department, Fort Saint George.

I have honor, by order of His Excellency the Commander-in-Chief, to furnish the Government with the following report, concerning the success which has attended the introduction of Station Butchers at Secunderabad and Bangalore, for a further period of 6 months; ordered in Proceedings of Government, No. 900, dated 9th March last.

2. In the correspondence which preceded that Order of Government, it was shewn that at both the stations named improvement had been apparent in the

quality of the meat, since the butcher was appointed. But the information not being sufficiently detailed, further reports were called for from every Officer Commanding Regiments and Batteries.

3. These have now been received, and the result is to confirm the opinion previously passed.

4. As a rule the beef has been, with very few exceptions, every where pronounced good. The mutton is generally declared to be inferior: but that is attributed to the exceptional state of the season the last few months, which indeed has almost precluded any fair judgment being passed upon the advantages which the appointment of the butcher has obtained for the troops.

5. The Officer Commanding the Hyderabad Subsidiary Force says, "being in the habit of constantly inspecting the rations of the European Corps, I have observed a marked improvement in the quality of the meat since one (a butcher) was appointed, and when the animals were inspected by him previous to being slaughtered:" and he recommends, that during the months of June, July and August, the mutton, being so poor, should be discontinued as a ration to the men in barracks, but that a certain number of sheep should be kept and fattened by the Commissariat, for the use of men in hospital during that interval.

6. The Officer Commanding Her Majesty's 18th Hussars, from whose regiment it appears the butcher has been taken, says that during the past six months he has had but once occasion to complain of the quality of the meat, and that was while the man was in hospital.

7. There is a recommendation also that during the rainy season, cattle intended for slaughter, should be fed on dry fodder, because otherwise the consumption of the meat in that season is apt to produce dysentery and diarrhoea.

8. The Officer Commanding the Royal Horse Artillery at Bangalore says, that in ninety issues, the meat was only twice condemned in full, once in part, and four times as indifferent, and that improvement was visible in the slaughtering and dressing the meat.

9. If mutton of good quality cannot be had, it must do harm to the men if issued as a ration, and the Commander-in-Chief thinks it will worth any extra cost it may entail, that men in hospital should be supplied with mutton kept for the purpose, during the season when it cannot otherwise be had good.

10. The experiment having therefore proved a success, the Commander-in-Chief has no hesitation in recommending that a butcher be appointed to all the following Stations:—

Wellington, Bangalore, Secunderabad, Kamptee, Cannanore, Saint Thomas' Mount, Fort Saint George, Bellary, Rangoon, Thyetmyo and Tonghoo. The strength of the European Force at Trichinopoly and in the Straits is too weak to make one necessary there, as the meat can always be properly supervised under regimental arrangement.

With report from the Controller of Military Accounts, 11th January 1867, B.

From the Controller of Military Accounts, Fort Saint George, 10th January 1867, A; to the Secretary to Government, Military Department.

I have the honor to forward, for submission to Government, the correspondence as per margin, on the subject of the contracts for the next official year at Secunderabad.

Letter from Commissary General, dated 30th November 1866, No. 4780, with enclosure.
Letter from Commissary General, dated 22nd December 1866, No. 5296, with 2 enclosures.

2. It is proposed to invite a tender for meat for a period of three years, and to provide in the bond for the supply of cut fodder to the cattle, when there is a deficiency of pasture during the hot months.

3. It is also proposed that the potatoe contractor should be bound to supply preserved potatoes by purchase from Commissariat stock, when the fresh root is not procurable.

4. It appears to me that, under ordinary circumstances, a three years' meat contract would be advantageous—the contractor would be enabled with confidence to make the extensive outlay which the supply necessitates, and also to make more efficient arrangements for the supply; but the present appears to be a very unfavorable time for commencing a system of protracted contracts either permanently or experimentally.

5. The present high rate must affect the tenders, and Government so becomes bound by unusually high rates for a period of three years. Even as an experiment the measure could not be expected to result in benefit, because the present abnormal conditions would render it very difficult to deduce reliable inferences from actual results.

6. It, therefore, appears to me desirable that the experiment should be deferred for another year, more especially as it is complicated by other new conditions in respect to the feed of the animals.

7. These cannot be carried out, it is admitted, under favorable circumstances in a contract for a single year, but it seems preferable to test their effect on a short contract before Government is committed to an unknown expense on a longer period.

8. An annual additional outlay of Rupees 13,500 is anticipated under the conditions regarding the supply of fodder, &c.

9. In regard to the supply of preserved potatoes, this office is disposed to concur in the proposal, more especially as it is not likely materially to raise the contract rate—it will involve the maintenance of a stock of 30,000 lbs. of preserved potatoes at Secunderabad, equal to about three months' supply in hermetically sealed canisters.

From the Deputy Commissary General, Madras, 30th November 1866, No. 4780; to the Controller of Military Accounts, Fort Saint George.

I have the honor, in the absence of the Commissary General, to forward a letter in original received from the Executive Commissariat Officer, Secunderabad, giving cover to two advertisements inviting tenders for the supply of ration and other articles for the next official year.

2. In the second paragraph thereof, Major Bardin proposes that a contract for meat rations be concluded for three years for the reasons assigned, and as the Brigadier General Commanding the station has also strongly recommended the measure, I would beg to suggest the same being adopted.

3. Under the circumstances brought to notice in paragraph 8, relative to the supply of potatoes, it appears very advisable that a stock of preserved potatoes should be maintained, to be issued when fresh potatoes are not available, and should the measure be approved of, an indent will be submitted for the same on the Secretary of State.

4. General Grant spoke to me personally on the subject of these two proposals, both of which he strongly recommended—and further as regards the meat, that the animals should not, during the hot months, be left entirely dependent upon the grazing then procurable, but for these months have a regular allowance of cut forage.

5. The vegetable ration at Secunderabad is no doubt very poor when compared with other stations, and any addition that can be made to it is of consequence; I would therefore recommend that a stock of preserved potatoes be kept there for issue at the contractor's expense when round potatoes fail.

From the Acting Assistant Commissary General, Secunderabad, 19th November 1866, No. 2716; to the Commissary General, Madras.

I have the honor to forward two advertisements inviting tenders for gram and ration articles.

2. In all previous contracts for meat no stipulations as to stock of cattle, sheep, fodder and daily issue of forage have been made. The contract has been simply for grass fed meat first sort.

3. In G. O. G. G. No. 136 of 1865, (re-published in Madras G. O. C. C. No. 59 of 1865, page 113) defining the duties of Station Butchers, it is ordered "that he should see that the full stock of animals and fodder be kept up as per Contract Deed, and that the animals daily get the prescribed quantity of fodder according to season and salt."

4. Should any stipulations of this nature be required, I beg to be favored with particulars as to daily quantity of fodder and salt, stock of animals and forage, that they may be inserted in the Contract Bond.

5. Such stipulations would of course affect the rates of supply as entailing a heavy expense, and though most desirable, I do not think they can be carried out properly unless on a three years' contract.

6. In the absence of instructions on this point, I have in the advertisement only invited tenders for one year's supply. Should you approve of the alteration, I would suggest that the meat ration be struck out of this notice, and a separate advertisement published for it. The security to be the same, viz., 20 per cent on one year's issue.

7. In the bread contract, I propose inserting a proviso that should the Government bakery be completed before the close of the contract, the contractor is to make use of it, supply bullocks, &c., for the machinery, and prepare the bread under the supervision of the superintendent in charge.

8. This station being dependent on the distant markets of Poona and Bangalore for potatoes, is always liable to a temporary failure in the supply, from detention of carriage and deterioration of stock, and towards the end of the season what with the long journey and the length of time in store the potatoes are invariably soft, and objected to by Medical Officers as unwholesome for the men.

9. I therefore propose stipulating that the potatoe contractor shall at such times issue, at his own cost, either bread in equal proportion as heretofore, or preserved potatoes from stock in the proportion of 2 oz. per ration, he being paid in each case at the contract rate for potatoes.

10. In my letter* on the subject, I strongly urged the necessity of keeping a stock of preserved potatoes in store at this distant station, and trust it may be arranged, the small supply lately received is equal to about five days' ration issue.

* No. 2211, dated 5th October 1866.

Vegetable ration.	
Potatoes.....	8 oz.
Onions	4 "
Yams and sweet potatoes.....	2 "
Green vegetables.....	2 "
	16 oz.

11. As the supply of vegetables at this station is very indifferent, but little variety, and a constant subject of complaint, I have invited tenders for sweet potatoes and yams, which I trust will be approved of. Yams are not grown here, they can be got from Masulipatam and will be a great boon to the soldier

From the Deputy Commissary General, Madras, 22nd December 1866, No. 5296; to the Controller of Military Accounts, Fort Saint George.

I have the honor to acknowledge the receipt of your letter, dated 3rd December, and to state that a three-years' contract would enable contractors to make good and efficient arrangements both for supplies of cattle and fodder, and thereby insure the regular supply of a good sound meat ration.

No. 836.

3. The cost of the arrangements proposed as regards feeding is shewn in Major Bardin's letter, a statement is attached for ready reference; and from it, you will observe, that he reckons an annual additional outlay of about Rupees 13,500, an outlay which with the advantages of a three-years' contract, contractors would probably readily undertake without any material increase on the current rates.

3. Major Bardin's letter on this subject is forwarded for information, and in this letter he further explains why a rise in the price of potatoes need not be feared by substituting the issue of the preserved potatoe for bread, when the fresh vegetable fails.

No. 3099, dated 14th December 1866.

From the Acting Assistant Commissary General, Secunderabad, 14th December 1866, No. 3099; to the Commissary General, Madras.

In reply to your letter, No. 4856, dated 4th December 1866, and its enclosure from the Controller of Military Accounts, herewith returned, I have the honor to refer you to my letter, No. 836, dated 3rd December 1866, No. 2542, dated 5th November 1866, on the subject of meat ration.

II. The statement appended to that letter shewed an average expenditure of Rupees 10,476, for grass for slaughter cattle by the contractor for half* and full† feed during the 5 months from 15th April to 15th September—the period in which, from the drought of the hot-season and the scouring caused by the young grass during the rains, feed for the cattle is most necessary, to ensure a good and wholesome issue to the troops.

III. From clause I, paragraph 7, G. O. G. G., No. 136 of 1865, re-published in Madras G. O. C. C., No. 59 of 1865, page 114, it would appear to be intended by the Supreme Government that the contractor should be bound by the Contract Deed to keep on hand a certain stock of cattle and sheep, and to issue to them daily a certain quantity of fodder according to season, and an allowance of salt, the above would be applicable to the meat contracts at all stations of this Presidency, and the allowance of fodder and salt to be issued should be fixed.

IV. The increased expenditure entailed on a contractor by the issue of feed whether for five months or the whole year, as contemplated in the above General Order, would undoubtedly increase the rates of supply to what extent could only be ascertained by actual trial.

V. If the issue of mutton be discontinued during the hot weather and rains as recommended, there will be a reduction of expenditure for that period, beef being on the average 4 to 5 lbs. in the Rupee cheaper than mutton.

VI. As regard the duration of the contract whether for one or three years, I do not believe that the above stipulation could be carried out by a contractor on a yearly contract, and I consider that the rates would be more favorable on a three-years' contract.

VII. On a three-years' contract a contractor would have time to make arrangements for providing fodder economically and laying in stock, whereby the feeding expense would be materially lessened for the last two years, which would be impossible on an annual contract.

VIII. The supply of bread in lieu of potatoes is attended by much difficulty, risk and expense, to the potatoe contractor at this station, where there are no private bakeries capable of turning out the large quantity required.

IX. The supply cannot be made by the bread contractor without interfering with his arrangements, and spoiling his ration issue as pointed out in my letter, No. 2211, dated 5th October 1866.

X. For these reasons, I do not think the stipulation, that the contractor should issue preserved potatoes from the Government store at his cost, would materially raise the contract rate for potatoes.

XI. The average monthly consumption of potatoes is from 39,000 to 40,000 lbs; 30,000 lbs. of preserved potatoes would be required for three months stock at 4 oz. to the pound.

XII. As the preservation of this article depends entirely on the total exclusion of the air, I would request that future consignments be obtained in the hermetically sealed canisters similar to those formerly supplied by Messrs. Edwards and Co., for Burmah, which were perfectly air tight, not liable to damage in transit by land or sea, and though kept long in store it was a rare occurrence to find the contents of a canister spoilt on opening, the small canisters were 14 lbs., the large size 28 lbs. 56 lbs. and upwards.

XIII. The country tin canisters are by no means air tight, and are liable to open at the innumerable journey in transit—some of those recently received had to be re-soldered on arrival, and one was completely burst, and the contents had to be transferred to another canister, a few pounds were completely spoiled.

MEMORANDUM.

560 Bullocks from 15th April to 15th June at 15 lbs.	
dry grass per diem.	Rs. 5,20,800
560 Bullocks from 16th June to 15th September at	
30 lbs. dry grass per diem.	Rs. 15,45,600
Total dry grass... 20,66,400 at 197½ lbs. @ R. 10,476 0 9	
Sheep for Hospitals.	
300 Sheep from 15th April to 15th June at 1 lb.	
gram per diem.	Rs. 18,600
300 Sheep from 16th June to 15th September at	
2½ lbs gram per diem.	Rs. 55,200
Total gram...lbs. 73,800 at 24 lbs. 13½ oz. @ R. 2,971 13 0	

(Signed) G. BARDIN, Major,
Acting Asst. Commissary General.

From the Deputy Commissary General for Commissary General, Madras, 14th December 1866, No. 5107; to the Secretary to Government, Military Department, Fort Saint George.

In obedience to the instructions conveyed in the Order of Government, No. 3592, dated 15th October 1866, I have the honor to submit a statement* exhibiting the number of rejections of meat during the last six months at all stations.

2. Meat is supplied on contract except at Thyetmyo and Tonghoo, at which places contracts are not to be had.

3. The duration of these contracts has been hitherto limited to one year.

4. I submit a statement† shewing the probable cost of meat at Bangalore and Secunderabad, supplied departmentally and by contract, but as the former mode of supply is unusual, I have no correct

† B. data to guide me; the above statement must not therefore be received as absolutely correct, but only shewing an approximate result.

5. At Thyetmyo there was at one time a contract, as also at Tonghoo; the cost of the meat ration under both systems is shewn in a memorandum† attached, and this gives correct information of the actual price to ‡ C. Government of the supply under the two systems.

6. Except at these stations, the departmental system has never been adopted or indeed even tried; I have therefore never had an opportunity from personal observation of forming an opinion on the subject, but the report of the Commissary General at Calcutta is so favorable, and it is found to answer at Thyetmyo and Tonghoo, that I would recommend a trial of the system at the Presidency as soon as a departmental slaughter house is ready, and if successful here, it would be sure to be attended with the like result at all stations.

7. For the other stations I would recommend, for the present, the extension of meat contracts to three years instead of one, binding the contractors to provide forage for the cattle during the hot season, and until the young grass contained some nourishment; their stock to be subject to the inspection of the butcher—and I would further recommend the erection of departmental slaughter houses, and the appointment of an European Butcher at all stations where European rations are supplied.

[Statement

A.
STATEMENT shewing the occasions on which rations have been condemned since 1st May 1866.

Stations.	Date of condemnation.	By whom condemned	Description of meat and quantity condemned.		Remarks.
Bangalore ...	1866. 2nd Oct.	A Battery 23rd Brigade Royal Artillery.	Meat.	121	Vide Proceedings of Committee 5 in number accompanying.
	12th ..	Her Majesty's 2nd Battalion 10th Regiment.	Do.	346	
	13th ..	A Battery 14th Brigade Royal Artillery.	Beef...	34½	
Bellary.....	23rd May	D. Battery D. Brigade Royal Horse Artillery.	Mutton	58	Vide Proceedings of Committee 5 in number accompanying.
	8th Oct.	Do. do. ...	Beef...	81	
	9th May	Do. Ramandroog	Do.	50	
	9th Aug.	Do. do. ...	Do.	55	
	20th Sep.	Do. do. ...	Do.	35	
Cannanore ...	10th May	Detachment, 102nd Regiment, Malliapooram.	Do.	82	Vide Proceedings of Committee 6 in number accompanying.
	6th July	Her Majesty's 102nd Regiment, Cannanore.	Do.	522	
	20th ..	Do. do. ...	Do.	526	
	21st ..	Do. do. ...	Do.	519	
	18th Aug.	Detachment, 102nd Regiment, Malliapooram.	Do.	86	
	21st ..	Her Majesty's 102nd Regiment, Cannanore.	Do.	524	
Kamptee... ..	7th May	Her Majesty's 1st Regiment, Foot.	Do.	...	A memorandum from the Officer Commanding to the effect that the beef issued was of inferior quality.
	17th ..	Royal Artillery... ..	Do.	63	A letter from the Officer Commanding to the effect that 63lbs of the quantity of beef tendered had been objected to, and that the contractor had been allowed the option of changing it agreeably to regulations.
	26th ..	Her Majesty's 1st Regiment, Foot	Do.	...	A letter from the Officer Commanding to the effect that the beef was considered by the Medical Officer and Officer on Regimental duty, as poor and imperfectly dressed.
	21st May	Royal Artillery... ..	Do.	...	A letter from the Officer Commanding, reporting that a quantity of the beef tendered was of indifferent quality.
	29th ..	Do.	Mutton	...	The Officer Commanding reported that very bad mutton was brought for issue, and that the contractor had had the option of changing 110lbs. which were altogether objected to.

Statement shewing the occasions of which rations have been condemned, &c.—(Continued.)

Stations.	Date of condemnation.	By whom condemned.	Description of meat and quantity condemned.	Remarks.
Kamptee....	1866. 15th June	Royal Artillery	Mutton ... lbs.	The Officer Commanding reported that 2 carcasses tendered as those of sheep appeared to have been goat's, in consequence of the tails having been cut off.
	19th "	Do.	Do. ...	A letter from the Officer Commanding, that some very indifferent mutton was tendered for issue, of which 50lbs. were objected to, but re-placed by the contractor.
	4th Sep.	Executive Commissariat Officer.	Do. 400	Of the total quantity tendered for issue to the 1st Regiment of Foot.
Madras.....	24th July	Principal Civil Engineering College.	Do. 14	Was of a very inferior description.
	29th Aug.	Commandant, Poona-mallee.	Beef... 143	The condemned beef has been buried and mutton ordered. Proceedings of Committee sent.
	30th "	Do. ...	Do. 142	Beef was of inferior quality and mutton supplied at the contractor's expense.
	8th Sep.	Do. ...	Do. 138	Proceedings of Committee on beef forwarded.
	8th "	Officer Commanding Royal Arty., Mount.	Do. 274	Rejected. Contractor expressed his unwillingness to change the meat. No Committee.
	8th "	Do. ...	Meat... 274	Proceedings of Committee on meat brought for issue in lieu of that rejected; sent.
	13th "	Do. ...	Do. 96	Rejected.
	9th Oct.	Station Staff Officer, Palaveram.	Beef... ..	Proceedings of Committee not received.
	16th "	Officer Commanding Royal Arty., Mount.	Mutton ...	Very lean—none was rejected. No Committee.
	26th "	Station Staff Officer, Palaveram.	Meat... ..	Proceedings of Committee forwarded.
	27th "	Do. ...	Do. ...	Proceedings of Committee forwarded.
Rangoon....		None	...	
Secunderabad.	7th Aug	Her Majesty's 2nd Battalion 21st Fusiliers.	Mutton ...	
	13th "	D. Battery D. Brigade Royal Arty.	Beef... 43	
	11th "	Do. ...	Do. 180	Rejected—subsequently passed by special Committee.
	21st "	D. Battery 14th Brigade Royal Arty.	Mutton 125	Subsequently passed by special Committee.
	25th "	Her Majesty's 108th Regiment.	Beef... 768	
	18th Sep.	Her Majesty's 18th Hussars.	Mutton 400	Subsequently passed by special Committee.
	20th "	Her Majesty's 2nd Battn. 21st Fusiliers	Beef... ..	

Statement shewing the occasions of which rations have been condemned, &c.—(Concluded.)

Stations.	Date of condemnation.	By whom condemned.	Description of meat and quantity condemned.	Remarks.
Trichinopoly.	1866. 16th June	Officer Commanding C Battery 23rd Brigade Royal Artillery	Beef... 116	Contractor fined Rupees 25.
	26th July	Do.	Mutton 15	Contractor fined Rupees 30, as frequent complaints regarding inferiority of mutton had previously been received, although no Committee had been convened.
	14th Oct.	Officer Commanding Detachment 102nd Regiment.	Do. 84	Contractor fined Rupees 24. Beef in lieu of mutton was furnished to save time, and with the consent of the Officer Commanding. Vide Proceedings of Committee accompanying.
Thyetmyo.....	Six months.		Do. 321	
Tonghoo...		None		
Vizagapatam..	13th Oct.	European Infantry Veteran Company.	Beef... 50	Fresh beef supplied.
Wellington ...	10th Sep.	Convalescent Depôt...	Do. 150	

COMMY. GENL.'S OFFICE, MADRAS,
14th December 1866.

(Signed) J. LOUDON, Lieut. Colonel,
Deputy Commissary General
for Commissary General.

B.

Statement shewing the probable cost of meat at Bangalore and Secunderabad, if the same were supplied departmentally.

BANGALORE.

Beef.

RS. A. P.

3,900 bullocks annually at 15 bullocks per day, 5 times a week at 20 Rupees each... 78,000 0 0

4 lbs. of coolty. } each per day.
17 lbs. of straw. }

15,600 lbs. of coolty per day, × 30 days = 4,68,000 lbs. 14,400 0 0
4,68,000 lbs. of coolty at 32½ lbs. per Rupee... 10,305 11 2
19,89,000 lbs. of straw at 193 lbs. per Rupee... 3,000 0 0
Attendants and incidental charges... ..

Total per annum... 1,05,705 11 2

No. of men rationed annually is 7,77,900.

As beef is supplied 5 times a week, the number of beef rations to be supplied during the year is 5,55,643, at 5 lbs. 4½ oz. per Rupee in average.

Should the cost of coolty and straw be excluded, the average is 6 lbs. 13½ oz. per Rupee.

Contract rate for beef is at 10 lbs. 8 oz. per Rupee.

Mutton.

11,967 sheep annually at 115 sheep per day, twice a week, at Rs. 2-8-0 each...	...	...	29,900	0	0
1 lb. of coolty per day each.	...	...	...	...	...
3,58,800 lbs. coolty, at 32½ lbs per Rupee...	...	...	11,040	0	0
Attendants and incidental charges...	...	...	600	0	0
Total per annum...	...	...	41,540	0	0

No. of men rationed annually is 7,77,900.

As mutton is supplied twice a week, the number of mutton rations to be supplied during the year is 2,22,257, at 5 lbs. 5½ oz. per Rupee in average.

Should the cost of coolty and straw be excluded, the average is 7 lbs. 4½ oz. per Rupee.

Contract rate for mutton is at 7 lbs. 5 oz. per Rupee.

*SECUNDERABAD.**Beef.*

4,420 bullocks annually at 17 bullocks per day, 5 times a week at 20 Rupees each...	...	...	88,400	0	0
4 lbs of oil-cake, } each per day.	...	...	...	...	...
17 ,, of grass, }	...	...	...	...	...
17,680 lbs. of oil-cake per day x 15 days = 2,65,200 lbs.	...	...	...	...	...
2,65,200 ,, of ,, at 30 lbs. per Rupee...	...	...	8,840	0	0
11,27,100 lbs. of grass at 255 lbs per Rupee...	...	...	4,420	0	0
Attendants and incidental charges...	...	...	3,000	0	0
Total per annum...	...	...	1,04,660	0	0

No. of men rationed annually is 8,53,870.

As beef is supplied 5 times a week, the number of beef rations to be supplied during the year is 6,09,907 at 5 lbs. 13¼ oz. per Rupee in average.

Should the cost of grass and oil-cake be excluded, the average is 6 lbs. 10½ oz. per Rupee.

Contract rate for beef is at 13 lbs. 1 oz. per Rupee.

Mutton.

14,560 sheep annually at 140 sheep per day, twice a week at Rs. 2-8-0 each...	...	...	36,400	0	0
1½ lbs. gram and 1 lb. bran each per day.	...	...	...	...	...
21,840 lbs. of gram per day for 15 days = 3,27,600 lbs.	...	...	...	...	...
3,27,600 ,, of gram at 22½ lbs. per Rupee...	...	...	14,533	5	4
2,18,400 ,, of bran at 50 lbs. per Rupee...	...	...	4,368	0	0
Attendants and incidental charges...	...	...	600	0	0
Total per annum...	...	...	55,901	5	4

No. of men rationed annually is 8,53,870.

As mutton is supplied twice a week, the number of mutton rations to be supplied during the year is 2,43,963, at 4 lbs. 5-83 oz. per Rupee in average.

Should the cost of gram and bran be excluded, the average is 6 lbs. 9½ oz. per Rupee.

Contract rate for mutton is at 7 lbs. 9 oz. per Rupee.

COMMISSARY GENL.'S OFFICE, MADRAS,
14th December 1866.

(Signed) J. LOUDON, Lieut.-Col.,
Dy. Comy. Genl., for Comy. Genl.

*C.**MEMORANDUM.**Thyetyo per ration of 1 lb.*

	RS.	AS.	P.
1863 Contract...	0	1	8-08
1865 {Contract...	0	1	8-89
{Departmental supply...	0	0	0
1866 {Contract...	0	2	3-93
{Departmental supply...	0	2	3-93

Tonghoo per ration of 1 lb.

	RS.	AS.	P.
No contract at Tonghoo.	0	2	2-9
No contract at both stations.	0	2	6-75

COMMISSARY GENERAL'S OFFICE,
MADRAS, 14th December 1866.

(Signed) J. LOUDON, Lieut.-Colonel,
Deputy Commissary General,
for Commissary General.

With report from the Controller of Military Accounts, 11th January 1867, I.

From the Officiating Secretary to the Government of India, Military Department, Fort William, 2nd January 1867, No. 43; to the Commissary General.

Having submitted to Government your letter, No. 4706, dated 18th December 1866, I am directed to acquaint you that the Right Honorable the Governor General in Council approves of your having ordered the adoption of the Commissariat Agency system, for the supply of meat to the European Troops in the Gwalior District and at Fort William, and of its being also adopted in the Peshawur Division, should the result of your inquiries lead you to believe that this could advantageously be done.

2. Annual reports will suffice in future; but Government will be glad to have quarterly reports of the working of the system in each of those stations in which it is to be newly introduced, until it has been found to work satisfactorily there for 6 months, when they also can be included in the subsequent Annual Reports.

3. Government relies upon your watching the working of the system, and the reports submitted, very carefully.

No. 46.

Copy of the above, and of the Commissary General's letter, No. 4706, dated 18th December 1866, and enclosures, forwarded to the Secretary to Government, Fort Saint George, Military Department, for the information of the Right Honorable the Governor in Council, in continuation of docket from this Department, No. 237, dated 26th September 1866.

(By Order,)

(Signed) H. K. BURNE, Lieut.-Colonel,
Offg. Secy. to the Govt. of India.

From the Commissary General, Fort William, 18th December 1866, No. 4706; to the Officiating Secretary to the Government of India, Military Department.

In continuation of my letter, No. 3340 of 12th September 1866, I beg to submit my report on the working of the Agency system in the supply of meat rations to the European Troops during the quarter ending 30th September 1866.

2nd.—I have before me the reports of Divisional Officers, and also a precis of them, but, as all the reports are so much to the same tenor, it seems to me unnecessary to trouble Government with either the reports themselves, or with the precis.

3rd.—It will be sufficient if I state, that during this last quarter, the Agency system continued to work satisfactorily, both as respects quality and economy.

4th.—The best proof of the goodness of the quality is the small number of rejections, as per statement submitted with this letter.

5th.—The rejections at Jubbulpore are, as already explained in paragraph 8 of my letter, No. 3340 of 12th September 1866, attributable more to want of experience than to any other cause; the same may be said of those at Parisnauth.

6th.—I should not omit to mention, that the general quality of the Agency meat is reported to be superior to that of contract meat. On this head I have the pleasure of submitting extract of a private note from Major General C. Troup, C. B., Commanding Meerut Division. As regards Dinapore, Benares, Allahabad, the places inspected by Major FitzGerald and myself, the success of Agency is all that General Troup has said of it.

7th.—The financial results of the new system are also reported to be more favorable than that of the contract, but these results will be more accurately deter-

mined at the end of the year, when a full comparative statement of the cost of contract and agency will be submitted for the information of Government.

8th.—Being of opinion that it was time that the Agency system could be safely extended to the stations at which contracts were retained on exceptional grounds, I have ordered its adoption, on the expiry of the present contracts, at Fort William and in the Gwalior Division, and have called for a special report, as to whether it could not be introduced into the only other contract Division, *viz.*, Peshawur.

9th.—I would beg to suggest for consideration whether, now that the system has worked satisfactorily over two quarters, it is necessary to continue the submission of these quarterly reports, and whether an annual report may not be substituted for them.

P. S.—I would take the opportunity to submit the accompanying copy of a letter, No. 1210 of 29th November 1866, from Major General C. Troup, C. B., in regards to the efficiency of the arrangements made for the large Camp at Agra, meat rations included, and have to add that in addition to the stations above named, I have since inspected Agra, Delhi, Meerut, Moradabad and Bareilly, and have found the slaughter cattle fully equal to any usually kept for the supply of meat to Officers' tables.

Extract from a private letter from Major General C. Troup, C. B., Commanding Meerut Division, Agra, 23th October 1866; to the Commissary General.

Nothing should induce you to allow the supply of meat and bread to be furnished again by contract. The very fact of all the old contractors clinging to the system and wishing to retain it, should prove to the Government how they were done by the old system, and that the troops always got the worst of every thing whilst the contractors made large fortunes.

The very meaning of a contract to my idea is, a man who gives you the worst of everything at the very highest rates—I can most positively declare that notwithstanding the very great difficulties that Commissariat Officers have had to contend against, in consequence of the influence of all the old contractors being against them, that the Agency system, although it has hardly had a fair trial, yet has been a great success.

I say this entirely from my own observation, and I honestly believe there is not a soldier in the service that won't back me up in this opinion—so great is the difference in the quality of their rations to what it used to be; but added to this, where the system has been allowed to work, and contractors see that they cannot prevail, the State will, I feel convinced, save money by the change.

Copy of a letter from Major General C. Troup, C. B., Commanding Meerut Division, 29th November 1866, No. 1210; to the Commissary General.

The object for which the troops were assembled at Agra during the late Durbar having been now accomplished, I deem it my very pleasing duty to bring to your notice the marked and very efficient manner in which every duty connected with your department has been performed.

Considering that eight thousand troops were brought together from various parts of the country at very short notice, and that the large camps of His Excellency the Viceroy, His Excellency the Commander-in-Chief, as well as those of the Lieutenant-Governors of the Punjab, North-Western Provinces and Bengal, were all assembled together at Agra at the same time, it must be well understood by you the numerous and sudden calls that must have been made on the Commissariat Department, yet I can safely state that all were promptly and cheerfully met, and I am not aware that there was a single mistake or misconception of orders of any kind during the whole period the camps were at Agra, or have I ever had a single complaint made to me against the Department during that time—a state of things so highly creditable to your officers and their subordinates, that I deem it right towards yourself, and the Department of which you are the head, to place such praiseworthy conduct on record.

(True Extract and copy.)

(Signed) E. C. KERR,
Registrar Comy. Genl.'s Office.

STATEMENT shewing the condemnations of meat rations supplied by Agency during the months of July, August and September 1866.

Stations.	Dates.	Names of Corps.	Whether beef or mutton, and quantity.		
			Beef.	Mutton.	
Dum-Dum	15th July.....	Her Majesty's 91st Highlanders	Rs. 643	Rs. 650½	<p>(On both occasions the meat was condemned for being poor, but it was issued notwithstanding.</p> <p>The meat ought not to have been tendered. The Warrant Officer in charge at Chinsurah was not quite conversant with the orders regarding meat.</p> <p>Condemned as very poor, and looks as if diseased. The Warrant Officer in charge reports he could see no symptoms of disease, but he could not get a Special Committee, as there were no Officers to form one.</p> <p>Inferior quality.</p> <p>Not fit for human food.</p> <p>Reported unwholesome, but from what cause is not specified.</p> <p>Lean and indifferent.</p> <p>The previous night was so hot that two carcasses were tainted. There was a mistake in tendering them without careful examination.</p> <p>The condemnation took place at Sinchal; no appeal could be made to a Special Committee, owing to the Survey report not having been received by the E. C. O. till the 17th July 1866.</p> <p>When tendered at the Hospital at 5½ A. M., the meat was in a good state, but it was not inspected by the Medical Officer till 8 A. M., and it became bad in the interval.</p>
	1st August.....	ditto			
	2nd September	Depôt		16	
	27th	Ditto	119½		
Chinsurah	19th July.....	Ditto		15	
	20th	Ditto		13½	
	9th August.....	Ditto		18	
	10th	Ditto		15½	
	15th	Ditto		14	
	16th	Ditto		14	
Parisnauth	15th	Her Majesty's 105th Regiment	251		<p>The previous night was so hot that two carcasses were tainted. There was a mistake in tendering them without careful examination.</p> <p>The condemnation took place at Sinchal; no appeal could be made to a Special Committee, owing to the Survey report not having been received by the E. C. O. till the 17th July 1866.</p> <p>When tendered at the Hospital at 5½ A. M., the meat was in a good state, but it was not inspected by the Medical Officer till 8 A. M., and it became bad in the interval.</p>
Dinapore.....	15th	Her Majesty's 58th Regiment		10	
Darjeeling	27th August.....	Her Majesty's 107th Regiment		20	
Allahabad					

Statement shewing the condemnations of meat rations, &c. — (Continued.)

Stations.	Dates.	Names of Corps.	Whether beef or mutton, and quantity.		
			Beef.	Mutton.	
Jubbulpore	6th July.....	Her Majesty's 23rd* and A-16th† Royal Artillery.	lbs. 193*	lbs. 108-6†	Condemned as unwholesome by the Battery and Regimental Committees, but as thin by a Special Committee. The beef was issued. The E. C. O. was prevented from appealing to a Special Committee on the mutton, as the meat had been returned to the Depot instead of being placed under a guard. Condemned as of bad quality, and though perhaps not positively unwholesome, is unnutritious. Passed by Special Committees.
	7th „	Ditto	103 (by Artillery.)	9 (by H. M.'s 23rd Regt.)	
	10th „	Artillery	103		
	12th „	Ditto	100		
	16th „	Her Majesty's 1-23rd Royal Welsh Fusiliers. Ditto	528½	10½	
Cawnpore..... Sectapore.....	14th August.....	Her Majesty's 88th Regiment	359		Very thin and flabby, of such poor quality as to be unfit for issue. Passed by a Special Committee. The first condemnation at the station since the introduction of the Agency system. The meat was condemned by the Regimental Committee as apparently diseased. A Special Committee pronounced it to be of poor quality, but not unwholesome. The cattle were thrown out of condition by grazing on new grass. This meat was surplus from the rations of the 15th July; when examined on the evening of that day it was perfectly good, but the weather affected it though slightly (for portion of it was accepted) during the night.
	19th July.....	2-her Majesty's 12th Regiment	414		
	16th „	Convalescent Depot.		10½	
Landour					

Umballa	4th September ..		136	44	Passed by Special Committee. The meat is very thin, and by no means up to the standard. Condemned as unwholesome by Regimental and Special Committees. The E. C. O. states that the state of the weather, and the Committee not being able to assemble until 9½ A. M., told very much against the appearance of the meat. This explanation cannot be considered satisfactory. Passed by a Special Committee. The meat was condemned as being of inferior quality, but not unwholesome, and the opinion of the Regimental Committee was upheld by that of a Special Committee. The E. C. O. states that the condemned meat consisted of three fore-quarters of three carcasses, and that the hind quarters of the same carcasses were accepted. Meat was condemned for being too thin; the E. C. O. concurred in the condemnations. The tender of the inferior meat was the fault of the Station Butcher, who was reprimanded, and of the meat Agent, who was fined. Passed by Special Committee. Very thin and unfit for issue. Condemned for being very thin. One carcass poor and not up to the standard. The meat was issued notwithstanding the E. C. O. reports that this carcass was smaller than the other, but otherwise quite as good. Passed by a Special Committee.
	17th August.....	Her Majesty's 94th Regiment	194		
	24th July.....	Detachment Her Majesty's 51st Regiment. Ditto	140		
	8th August.....	Ditto	128		
Lahore.....	18th July.....	Artillery Division	145		Passed by a Special Committee. The meat was condemned as being of inferior quality, but not unwholesome, and the opinion of the Regimental Committee was upheld by that of a Special Committee. The E. C. O. states that the condemned meat consisted of three fore-quarters of three carcasses, and that the hind quarters of the same carcasses were accepted. Meat was condemned for being too thin; the E. C. O. concurred in the condemnations. The tender of the inferior meat was the fault of the Station Butcher, who was reprimanded, and of the meat Agent, who was fined. Passed by Special Committee. Very thin and unfit for issue. Condemned for being very thin. One carcass poor and not up to the standard. The meat was issued notwithstanding the E. C. O. reports that this carcass was smaller than the other, but otherwise quite as good. Passed by a Special Committee.
	10th August.....	Ditto	12	10-6	
Mooltan	14th „	Her Majesty's 35th Regiment	175		Passed by a Special Committee. The meat was condemned as being of inferior quality, but not unwholesome, and the opinion of the Regimental Committee was upheld by that of a Special Committee. The E. C. O. states that the condemned meat consisted of three fore-quarters of three carcasses, and that the hind quarters of the same carcasses were accepted. Meat was condemned for being too thin; the E. C. O. concurred in the condemnations. The tender of the inferior meat was the fault of the Station Butcher, who was reprimanded, and of the meat Agent, who was fined. Passed by Special Committee. Very thin and unfit for issue. Condemned for being very thin. One carcass poor and not up to the standard. The meat was issued notwithstanding the E. C. O. reports that this carcass was smaller than the other, but otherwise quite as good. Passed by a Special Committee.
	7th July.....	Her Majesty's 79th Highlanders	424		
Rawul Pindie	12th „	Ditto	31		Passed by a Special Committee. Very thin and unfit for issue. Condemned for being very thin. One carcass poor and not up to the standard. The meat was issued notwithstanding the E. C. O. reports that this carcass was smaller than the other, but otherwise quite as good. Passed by a Special Committee.
	31st „	Rifle Brigade	104½		
	29th „	20th Hussars	356		
	12th September ..	Convalescent Depot.	143		
Murree.....	28th „ ..	Ditto	290		Passed by a Special Committee.

(True copies.)

(Signed) H. K. BURNE, Lieut.-Colonel,
Offg. Secy. to the Govt. of India.

The foregoing correspondence relates to the supply of meat rations to European Troops. The matters discussed are the employment of European Station Butchers; the erection of slaughter houses; the extra feeding of cattle prior to slaughter; the duration of contracts; and the comparative advantages of the departmental and contract systems of supply.

2. The employment of European Station Butchers was sanctioned experimentally for six months at Bangalore and Secunderabad, in Proceedings of Governments of Government, No. 1765, dated 10th May 1865, and for a further similar period in Proceedings of Government, No. 900, dated 9th March 1866.

3. The Commander-in-Chief reports that at both stations an improvement in the quality of the meat was apparent during the first term of the experiment, and that the reports for the second term shew that the measure has proved successful, and His Excellency therefore now recommends that a butcher should be appointed permanently at the eleven stations marginally specified.

*Wellington, Bangalore, Secunderabad,
Kamptee, Cannanore, Saint Thomas'
Mount, Fort Saint George, Bellary, Ran-
goon, Thyetmyo and Tonghoo.*

4. The Government concur with the Commander-in-Chief, and think that the general introduction of European Station Butchers for European Regiments will not only tend to the greater satisfaction of the men, but to the due economy of the meat. The application permanently of the provisions of G. O. C. C., No. 59, dated 17th May 1865, to the stations above specified is accordingly sanctioned.

5. Slaughter-houses, on the plan prescribed by the Government of India, and of a cheap method of construction, should also be gradually introduced into the Chief Army Stations—plans and estimates, with specification of the character of the buildings, will accordingly be submitted by the Public Works Department, for the consideration of Government.

6. The heavy extra charge which the special feeding of cattle for a given period, prior to slaughter would entail, and the combining Government feeding, with contract supply, does not appear advisable. If the quality of the meat requires any improvement, the contractor should be bound to supply meat so fed, as well as in every other respect fit for slaughter.

7. Government consider it inexpedient to make any change at the present time with respect to the duration of contracts. Under ordinary circumstances an extended term might perhaps be advantageous; but the existing exceptional condition of the market being unfavorable to the immediate adoption of such a measure, the Commissary General will arrange, as heretofore, for the ensuing year's contracts.

8. With respect to the mode of supply, His Lordship in Council, on a full consideration of the subject, is satisfied that the system of contracts by fair, free and open competition is the best means of providing for the wants of the Army. The Commissary General has clearly shown this system to be the most favorable, considering the exceptionally trying season to which the returns submitted relate, it being observed that even at Thyetmyo and Tonghoo, where both the depart-

9. The suggestion of the Commissary General, that a stock of preserved potatoes should be maintained to be supplied to contractors on payment for issue to the troops, when the fresh root is not procurable, is approved.

(True Extract.)

Mauillon Colonel,

Deputy Secretary to Government.

To the Commissary General, with thirty-two enclosures.

To the Commissary General, with thirty-two enclosures.
Controller of Military Accounts, with eleven enclosures.

„ Controller of Military Affairs.
„ Quarter Master General.

“ Quarter Master General.
“ Adjutant General.

Public Works Department. *With 24 plans & copies.*

Sanitary Commissioner, for information.

Sanitary Commissioner, for information.

P. W. 1867 Sept
Pro. of Govt. for March

Pro. of the Madras Govt
in the Daily Sept

of 28 Feb 1867
Recd 2 March 1867

No 716

Requesting the submission
of plans & estimates for
the erection of Slaughter
houses at the Chief Wreck
Station.

No 110

No 679. 7 March 1867

No 679

Public Works Department.

679

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 7th March 1867
Read the following

Pro. of the Madras Govt
in the Daily Sept (Here enter No. 716 dated 28 Feb 1867)

Communicated to the
Superintending Engineers
of the 3rd 4th 5th 6th and 7th
Divisions who will submit
Plans and estimates
for the Slaughter Houses
referred to in para 5—

To the Superintending
Engineers of
3rd 4th 5th 6th and 7th
Divisions
in Military Dept

W. B.

Sept 8/3/67

Pub. Works 1864 Department

Pro. of Govt for March

No 679

Pro. of the Meadows Govt
Sp. 7th March 1864

111

111

Pro. Military Dep.
Calling for plans and
estimates for the erection of
slaughter-houses at the
Chief Army Stations in
this Presidency, in accordance
with the Sup. Congress of the 3rd, 4th,
5th, 6th, and 7th Divisions,
with instructions to submit
the required plans and
estimates.

No 110-111