

- (1) பக்கங்களின் எண்ணிக்கை 4.
 (2) புதுக்கித் திருப்பிய நாள் 1.70
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/2 ✓

தமிழ்நாடு ஆவணக் காப்பகம்.

(33)

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3543	அச்சகம் பலவகை
நாள் :	12-12-1889	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

2. Sheets

ஆவண. கர-1-18,008-15-6-87.

[Signature]

Recd 9/12

3540

For C. No. 11268

MEMORANDUM.

communication

Requested for reference the undermentioned papers:—

G. O. Persian Department. No. 1394
dated 21st November 1889. 14 copies.

P. W. SECRETARIAT,
Chepik, 29th Nov 1889. }

Chamberlain

Second Assistant

P. W. Secretariat

To

The Head Clerk
Persian Department. 7

3563

21st NOVEMBER 1889, No. 1394, PENSION.

GOVERNMENT OF MADRAS.

PENSION DEPARTMENT.

READ—again G.O., dated 2nd November 1870, No. 595, Pension.

READ—also the following paper:—

From T. W. RAWLINS, Esq., Accountant-General to the Government of Madras, to the Secretary to Government, Pension Department, dated Fort St. George, 12th October 1889, No. I.A.E.-266:

I have the honor to state that in Government Proceedings, No. 595, dated 2nd November 1870, it was directed that "in case of the retirement of an officer on application for pension an *acting* incumbent should be appointed on acting pay until the final orders of Government on the application for pension were passed, and that the officer appointed should then (if he had proved himself qualified for the post) be confirmed retrospectively and allowed full pay from the date from which the pension took effect, or from that of retirement in case gratuity only were allowed to the retiring incumbent." This order has been in force for nearly 20 years and has produced no advantages at all commensurate with the work thrown upon my office by the necessity of twice checking the pay and allowances due. It also operates hardly on officers who are thereby kept out of their legitimate promotion for months. Cases are very rare in which it has been found necessary to annul a retirement. When necessary this can be done by an order in the Gazette. So far as I am aware there is no corresponding rule in any other presidency or province, and I venture to request that it may be laid before Government for reconsideration.

ORDER—dated 21st November 1889, No. 1394, Pension.

It was ruled in G.O., dated 2nd November 1870, No. 595, Pension Department, that no permanent arrangement should be made on retirement of an officer until the final orders of Government on his application for pension were passed, the object being to secure his appointment for the applicant in case his restoration was found necessary. This order has been in force for 20 years; but the cases in which it has been found necessary to direct the restoration of a retired officer have been very rare, and as the Accountant-General states that it has thrown additional work on his office with no corresponding advantage, the Government sees no necessity for retaining it. It is accordingly hereby cancelled. In the very few cases, however, in which a retired officer may be restored instead of being granted pension, the appointment made on his behalf will be cancelled.

(True Extract.)

H. H. Stuart
Under Secretary to Government.

To the Accountant-General.
" the Controller of Military Accounts.
" the Examiner of Public Works Accounts.
" the Departments of Secretariat. (P.W. Dept.)

Exd. A. D. Xavier.

Furnished

*Mr. Secy to Govt.
Manager, P.W. Dept.
9.12.89*

*J.
The Secy to Govt.
P.W. Department
with the copy
of the order*

4607
(50174)

2500

2

PENSION.

Issued

Recd.

Encl.

G.O., 21st November 1889,
No. 1394.

NOVEMBER.

Arrangement on Retirement.

Cancelling for certain reasons G.O., dated 2nd November 1870, No. 595, ruling that no permanent — of an officer should be made until final orders were passed on his application for pension.

Communicated to
Communicated
officers of the B. & O. R. R.
Para 460 A. B. & O. R. R.
Para 460 A. B. & O. R. R.
will be expunged.
will be expunged.

kurz
 27.11.59
 Buch 27.11.59

C. E. for I
C. E. for I
C. E. for Rps
Ch. E. P. Project
S. E.
C. A. Roford
Ever P. W. A
Ear Ry. Secs
2 Copies to Rps

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.
Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.					RATE—FREE ON BOARD.			REMARKS.		
			Weight.					Unit.	Amount.			Unit.	
			Tons.						£	s.			d.
			cwt.	qr.	lbs.	...	...						
1071	Furnace	Hot air, Fletcher's No. X Delivery free on board	...	...	...	...	...	60	0	0	Each.		
844	Grindstones, complete, with trough.	Best Derbyshire, with cast iron troughs, 4' diameter, 8" thick. The trough to be of cast iron and fitted with mud hole door 8" X 4" at the bottom, with four spare stones for each trough.	...	...	...	...	...	71	2	0	"		
884 a	Grindstones, complete, with troughs.	Extra cost of packing	...	...	...	...	...	1	12	0	"		
816	Grindstones; spare stone for —	24" x 4", fine, of Robinhood grit, sawn and turned up on the edge, hole 1 1/2" diameter.	...	...	...	...	...	0	8	5	"		
1480	Ditto	Yorkshire medium grit 24' diameter x 8" thick mounted. The spindles to be fitted with screws, nuts and washerplates for securing the stones on the spindles and with fast and loose driving pulleys 12" diameter.	...	...	...	...	...	5	17	6	"		
1417	Ditto	Yorkshire medium grit, India Store Depot pattern No. D for quality —	...	...	...	...	...						

Two tool rests on V slides, water cans, taps, pipes, splash board of wrought-iron, countershaft pulleys, brackets and striking gear are supplied with each trough.

Two tool rests on V slides, water cans, taps, pipes, splash board of wrought-iron, countershaft pulleys, brackets and striking gear are supplied with each trough.

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.
Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.						RATE—FREE ON BOARD.			REMARKS.
			Weight.				Unit.	Amount.		Unit.		
			Tons.	cwt.	qr.	lbs.		£	s.		d.	
1417	Grindstone; spare stones for—concl'd.	6" thickness x 4' diameter ... 8" " x 4' " ... 12" " x 4' " ... Centre hole square 3½" x 3½" ...	...	0	7	0	0	Each.	2	16	9	Each.
1583	Ditto	5' x 10'; Newcastle Port, coarse The centre hole to be 3½" diameter.	...	...	...	...	...	...	4	9	10	"
1605	Ditto	Best Newcastle Port 60" x 8" centre hole to be 3½" in diameter.	...	...	...	...	...	...	4	13	6	"
1463	Hammer, steam, (Massey's.)	2 cwt. double acting, with pipes and duplicate parts complete. Suitable for work up to 3" diameter, anvil block separate on separate foundation, with removable anvil piece stroke 16".	...	...	...	...	...	...	96	0	0	Each.
978	Hammer, steam	5 cwt., double acting, with pipes and duplicate parts complete as supplied on Contract C. 124 of 1880.	...	...	...	...	...	...	196	5	6	"
1125	Hearth	Smiths', each 3' 6" x 2' 8", the forges are to be of cast iron with hoods, air valves, pipes, water tanks, coal troughs, tuyeres, fire bricks, and 20' of vertical W. I. chimney.	...	...	...	...	...	...	15	19	6	Each.

Without tracings.

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—*contd.*

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.		
			Weight.				Unit.	Amount.			Unit.	
			Tons.	cwt.	qr.	lbs.		£	s.			d.
1102	Lathe, power, self-acting, gap, screw cutting and surfacing.	6" centre self-acting gap with plain gap cast in the bed. To take between centres 5'. The sliding and surfacing motions being worked from a back shaft, the guide screw being used for screw cutting only cast, headstock to have a base of about 19" long and 8" wide, and to be double geared. The cone to be four speeded, each step being 1½" wide, and of the following diameters 8½", 6½", 5½", and 3½". The bed is of sufficient length to take in 5 feet between the centres, 12" wide over the V's and 8" deep, the gap to admit work up to 2½" diameter and 6" wide. The lathe is complete in every respect, and to be supplied with a complete set of change wheels for cutting screws, &c.	1	10	0	0	Each.	172	7	6	Each.	
		Tracings	...	...	...	...	...	5	0	0	Set.	
		Photos,	...	...	...	...	...	3	0	0	Copy.	
1102	Lathe, power; self-acting, gap, screw cutting and surfacing.	8" centres. To take between centres 6 feet. The fast head stock to have a base about 26" long and 10½" wide and to be double geared. The cone to be four speeded, each step being 2½" wide and of the following diameters 11, 9, 7, and 5 inches. The loose head stock is to have a base of about 12" long and 9" wide.	3	0	0	0	Each	229	15	6	Each.	

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—*contd.*

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.		
			Weight.				Unit.	Amount.			Unit.	
			Weight.					£	s.			d.
			Ton.	cwt.	qr.	lbs.						
1447	Lathe gap, self-acting sliding, surfacing and screw cutting.	<p>The bed is to be of sufficient length to take in 6' between the centres, 15" wide over the V's, and 10" deep. The gap is to be made to admit work up to 32" diameter and 8" wide. The lathe is to be complete in every respect and is to be supplied with a complete set of change wheels for cutting screws, &c.</p> <p>Tracings </p> <p>Photos. </p> <p>Height of centres 8" length of bed between centres 8 feet to admit in gap a diameter of 3 feet and a width of 1 foot diameter of large face plate 2' with Clement's driver } 18"</p> <p>The lathe is complete in every respect and is supplied with 100 feet of best leather belting. The countershafts are made suitable for bolting to a wall 2' 6" thick.</p>	...	...	...	...	5	0	0	Set.		
			...	...	...	...	0	3	0	Copy.		
			...	...	...	...	247	0	0	Each.		
1098	Lathe, power; self-acting, gap screw cutting and surfacing.	<p>14" with gap as supplied under Contract C137 of 1880, but to be fitted as gap lathes.</p> <p>The bed is to be of sufficient length to take in 15 feet between the centres, 20 inches wide, 16 inches deep, and is supported on three C. I. standards, 13 inches high, 9 inches wide, and 3 feet across the base.</p> <p>The guide screw is 3" diameter, one face plate 20" diameter and one 28" with 4 steel dogs. One dozen right and one dozen left hand tools, one dozen sliding tools and one dozen screw cutting tools of 16 steel 1½" X 1½" X 16" long to be supplied; also 100 feet of Scandinavian cotton belting.</p>	8	15	0	0	Each.	438	5	0	"	1 set of tracings and 6 photos:—£ 5-18-0.

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.		
			Weight.			Unit.	Amount.		Unit.			
			Tons.	cwt.	qr.		£	s.			d.	
1094	Lathe, power; self-acting.	One 14 inch wood turning lathe, with cast iron bed 13 feet long, to take in 8 feet between the centres; the bed supported on 3 C. I. standards. Is provided with the following:—Countershaft; brackets and bolts; and fast and loose pulleys; one set of wrought-iron case hardened black finished spanners. One Kaye's corrugated tin oil can, of approved size; 100 feet of "Scandinavia." Cotton belting 4 inches broad; one single belt 25 feet long and 3 inches broad.	2*	0	0	0	Each.	58	0	0	Each.	*Net.
1103	Lathe, power; self-acting and surfacing break.	18" centre treble-gear, with loose bed 12 feet long to admit 5' 9" diameter, 3' 2" wide in break when open; 5' 0" and 3' 0" diameter faceplates, 4 chuck jaws travelling and fixed stays, &c., also 4 dozen steel tools, 100 feet belting and fittings, &c.	13	10	0	0	"	450	0	0	"	
1101	Lathe, power; self-acting wheel.	3' to turn a pair of wheels varying from 21" to 3' diameter on the tread on their own axle, on axles from 3' to 5' 6" long. The bed to be not less than 13' long and 12" deep. To be provided with spindles of Siemens-Martin or Bessemer steel having parallel necks of a diameter of not less than 5" and 6½" at the small and long ends respectively. The face plates to have a diameter of not less than 3' 6".										

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.		
			Weight.				Unit.	Amount.			Unit.	
			Tons.	cwt.	qr.	lbs.		£	s.			d.
1101	Lathes wheel	The lathe to be complete in every respect and to be provided with a set of spare centres, one dozen ratchet levers one dozen round nosed tools, one dozen right hand tools, one dozen left hand tools, one dozen strong boring tools of steel 2½" x 2" and 20" long and 2 forged steel bars each 30" long and 3" square with 24 steel cutters.	13	0	0	0	Each	390	0	0	Each.	
		Tracings	...	...	...	...	...	...	...	...	...	
		Photos.	...	...	...	...	...	3	0	0	Set.	
		4' 6" to be adapted to turn a pair of wheels from 2' to 4' 6" diameter on the tread on their own axle, on axles from 3' 9" to 8' 6" long.	...	...	...	...	...	0	1	0	Copy.	
		The bed is not to be less than 18' long and 15" deep and of a breadth of not less than 3' 6", and two face plates of a diameter of not less than 5' 6" are to be provided. The lathe is to be complete in every respect and is to be supplied with one set of spare centres, one dozen ratchet levers, one dozen round-nosed tools, one dozen right hand tools, one dozen left hand tools and one dozen boring tools of steel 2½" long by 2½" by 2" and 2 forged steel bars each 36" long and 4" square with 24 steel cutters	22	0	0	0	Each.	570	0	0	Each.	
		Tracings	...	...	...	...	...	3	0	0	Set	
		Photos.	...	...	...	...	...	0	1	0	Copy.	

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—*contd.*

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.
			Weight.			Unit.	Amount.	Unit.		
			Tons.	cwt.	qr.					

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—*contd.*

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.					RATE—FREE ON BOARD.					REMARKS.
			Weight.			Unit.	Amount.			Unit.			
			Tons.	cwt.	qr.		lbs.	£	s.		d.		
1371	Machine—Emery grinding, spare discs for—	Wheels, emery for, 14" diameter by 1½" thick	...	...	...	...	...	1	6	0	Each.		
		" " " " 20" " " 1"	...	...	...	...	...	1	13	4	"		
		" " " " 20" " " 2"	...	...	...	...	...	3	2	8	"		
		Patent size No. 1 for articles ¾" to 1½" diameter 7½" long.	...	...	...	...	...	5	10	0	"		
		Ditto size No. 2 for articles from ¾" to 2" diameter, 17½" long.	...	...	...	...	...	9	10	0	"		
		The machines are suitable for cutting straight and spiral (right and left) grooves, such as twist drills, rimers, taps, &c. They should be capable of being fixed to any lathe fitted with compound slide rests without alteration of any kind.											
820	Machine—Milling—cutters, for—	Milling cutters, round edged for making twist drills in sets ¾" to 1" rising by ⅛" for Smith and Coventry's Milling Machine.	...	...	...	...	...	6	18	5	Set.		
	Ditto	Milling cutters spiral 3½" long x 4" diameter Smith and Coventry's Milling Machine No. 3387.	...	...	...	...	...	2	1	1	Each.		
782	Ditto	Cutters, steel, for making cutters for Milling machine No. 3387 (Smith and Coventry's).	...	...	...	...	...	0	15	0	"		
782 (a)	Ditto	Ditto ditto ditto	...	...	...	...	...	0	15	0	"		
1603	Machine—Rivet and bolt making.	Suitable for making rivets or bolts up to 8" long in iron or steel, to be complete in every respect and to be supplied with the following:—	...	...	...	...	...	...	...	...	...		

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS,
Contracted for in 1888.

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.		
			Weight.				Unit.	Amount.			Unit.	
			Tons.	cwt.	qr.	lbs.		£	s.			d.
1066	Machine—Sawing.	One pair of tools for cup head rivets, one pair ditto for countersunk head ditto, one pair ditto, hexagon head bolts, one pair ditto, for square head bolts, one frazing tool with holder and rest, one pair of steel cutters, one set W. I. spanners, oil can and bolts, nuts and washer plates for fixing each machine to a foundation 4 feet deep ... Cold for cutting steel rails of the Vignole's section weighing 75 lbs per yard. The machine is fitted with a drilling arrangement and six spare drills and with a compound slide rest. Spare saws for above With table 5' 6" long, 2' 9" wide for 36 inch saws suitable for sawing planks, logs, &c. To be provided with the following :—Two strong iron carriages for supporting the ends of the planks, &c., 8—15 feet lengths of wrought-iron bridge rails of light section with all necessary screws, &c., for fixing them. One best cast steel circular saw 36 inches diameter and four ditto—viz., one each 36 inches, 30 inches, 24 inches, and 20 inches diameter, 100 feet of Scandinavia cotton belting 4½" broad, one single belt 8 feet long and 3 inches wide, one single belt 15 feet long and 2 inches wide, one Kayes corrugated tinfoil can, of approved size, six laces; one set of wrought-iron case hardened black finished spanners. Bolts, nuts, and washer plates.	...	...	...	...	...	400	0	0	Each	
1094	Ditto ...		0	*17	0	0	1	15	0	"	* Net.	
							78	0	0	"		Photos.—£0.2-6 per copy.

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.
Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.				REMARKS.	
			Weight.			Unit.	Amount.			Unit.		
			Tons.	cwt.	qr.		lbs.	£	s.			d.
1094	Machine, sawing, circular, Bench.	One Circular Saw Bench for cross cutting with table 6' long x 2' 6" wide for cutting timber up to 6" x 12". To be supplied with the following :— Countershaft; three best cast steel circular saws each 30 inches diameter; 100 feet of Scandinavia cotton belting 4½" broad; one single belt 25' long and 6" broad, six laces, one Kaye's, one single belt 20' long and 2" broad; corrugated tin oil can, one set of wrought-iron case hardened black finished spanners. Bolts, nuts and washer plates.	1	5	0	0	Each	83	15	0	Each.	Tracings—£ 3-15-0 per set.
1266	Machine—Saw sharpening discs, emery, spare for—	12" diameter by ½" thick, diameter of spindle ¾"						0	3	2	"	
1344	Ditto	Discs for 12" x ¾"						0	3	9	"	
1568	Ditto	Emery, discs, crown brand for :— 12" diameter ¾" thick ¾" hole 12" " ¾" " ¾" " 12" " ¾" " ¾" " 12" " ¾" " ¾" " 12" " ¾" " ¾" " 12" " ¾" " ¾" "						0	9	0	"	
								0	7	6	"	
								0	6	0	"	
								0	4	6	"	
								0	3	0	"	
												Less 10 per cent. discount.

Less 10 per cent. discount.

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—*contd.*

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.			REMARKS.		
			Weight.				Unit.	Amount.			Unit.	
			Tons.	cwt.	qr.	lbs.		£	s.			d.
1115	Machine—Screwing	To screw and tap from $\frac{1}{4}$ " to 2" rising by $\frac{1}{8}$ ". Seller's hollow spindle screwing machine to cut screws by once passing through the dies and provided with 15 sets of dies, 15 working taps, 15 master taps, 4 cone rhymer jaws, thimbles and cotton belting.	1	6	0	0	Each.	120	0	0	Each.	
1069	Machine—Shaping	15" stroke, traverse of table 5' as supplied on Contract C 120 of 1880; there must also be supplied 100 feet of cotton belting of the description known as "Scandinavia."	7	12	3	0	"	240	0	0	"	*Net weight.
1070	Ditto.	18" stroke, traverse of table 7' 6" as supplied on Contract C 139.	6	18	0	0	"					
		The machine is supplied with 100 feet of cotton belting of the description known as "Scandinavia."	...	...	...	...	"	310	0	0	"	
1229	Machine—Slotting	6" stroke, the countershaft pulleys to be of suitable size, so that the machine will run at the proper speed when being driven off a drum 3' diameter, running at 90 revolutions on the main shaft. The counter shaft brackets to have a base of 18" long by 7" wide; the machine to be supplied with 100' of best leather belting and 6" laces of approved make.	...	...	...	...	"	112	0	0	"	

*Net weight.

CLASS OF STORES, C.—WORKSHOP MACHINERY AND HEAVY TOOLS—*contd.*

Contracted for in 1888.

Contracted for in 1888.

Contract Number.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.				RATE—FREE ON BOARD.		REMARKS.	
			Weight.				Unit.	Amount.		Unit.
			Tons.	cwt.	qr.	lbs.				
...	Machine—Tool, Grinding, Emery discs, stones, for—	14" diameter, 2" thick, 3½" hole diameter ...	0	0	0	0	Each.	£ s. d.	Each.	
		14" ditto 2" ditto 1½" ditto ...	0	0	0	0	"	1 15 0	"	
		20" ditto 1½" ditto 10" ditto ...	0	0	0	0	"	2 18 0	"	
530	Shafting	3" diameter in lengths of 15'—finished bright Each length with one-half disc coupling keyed on at each end.	0	0	0	0	"	5 3 7	Length.	
897	Shafting	Wrought-iron (Lowmoor) fan shaft turned out and finished bright all over with keybeds planed and shaft; packed in case.	0	0	0	0	"	34 5 10 or 1 16 9½	Each.	
1043	Shafting	8—21 feet lengths of 3 inches diameter with one-half discs coupling keyed on each end of every length; finished bright.	3	10	0	0	Nine lengths.	55 14 6	For nine.	
		1—14 feet length of 3 inches diameter with one-half discs coupling keyed on each end of every length; finished bright.								
		2 wall boxes with bearings, &c., complete, and 18 wall brackets, complete.	5	15	0	0	Total.	79 5 9	For twenty.	

Less 10 per cent. discount.

Govt. of (1889) Madras.

MARINE.

Issued

Recd.

Encl.

G.O., &c., 20th November 1889,
Nos. 490, 491.

NOVEMBER.

Harbour Trust Board.

Reviewing the Administration Report of the —,
Madras, from 1st June 1886 to 31st March 1889.
Copy to the Government of India.