

(1) Number of pages -22-
75 (2) Date of repair 6-7-87 ✓
(3) Initials of the Referencer lcr ✓

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

J.H.D. DEPARTMENT

G.O. No.	549 W	Press.
B.P. No.		Mis.
Dated 29 . 2 . 1884 . 191 .		

le.mrk.

Not to be folded or roughly handled

11

29TH FEBRUARY 1884, No. 549 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Major W.G. NICHOLSON, R.E., Secretary, Defence Committee, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 15th February 1884, No. 30 :—

I am directed to forward, for your information, two printed copies of Inspector-General of Fortifications' No. 358, dated War Office, 17th January 1883, with schedule relative to magazine lamp fittings, together with two sets of Defence Committee's type drawings, Nos. 68 to 80, illustrative of the above.

2. It is hoped these may be of assistance in arranging for the lighting of magazines in this country.

ORDER—dated 29th February 1884, No. 549 W., Public Works.

One set of the documents received with the foregoing letter will be forwarded to the Military Department for information. The second set will be circulated to Superintending Engineers for perusal.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Military Department, with one set of enclosures.
" Superintending Engineer, I Circle, with one set of enclosures
to be passed on after perusal.
To other Superintending Engineers.
To the Consulting Architect to Government.

Exd. E. Fernandez.
Spare Copies

both hand plighted to Jobier ad of 10%

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1884) Madras
PUBLIC WORKS.

Dated February, 29th.

Recd.

Encl.

G.O., 29th Feb. 1884, No. 549 W.

FEBRUARY.

Magazine Lamp Fittings

Ordered that one set of the Defence Committee's type drawings of the — with schedule relating to it be forwarded to the Military Department for information, a second set being circulated to Superintending Engineers.

29TH FEBRUARY 1884, No. 549 W., PUBLIC WORKS.

549
2

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PUBLIC WORKS DEPARTMENT.

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Military Works.

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(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Military Department, with one set of enclosures.
" Superintending Engineer, I Circle, with one set of enclosures to be passed on after perusal.
To other Superintending Engineers.
To the Consulting Architect to Government.

Exd. E. Fernandez.
Spare Copies

Encls: One Circular with
Drawings Nos 68 to 80
Sent by Baughy post

Dowlaiswaram
22 3-84
Sent by 3-84

No 50892
Seen & forwarded to the Sup
Engineer 2 Circles to be passed
on after perusal

Offg Supr Engr
1st Circle

No 49764

Seen and

Sent on to the Supg
Eng 3rd Circle.

S. W. Sundath
S.E. II.

29. 3. 84

Enclosed sent by Bangalore post. S.E. III
S. E. III Co. 1.4.84. Sub 3 of 14/4/84

Seen and sent on to the
Superintending Eng 4th Circle

Handwritten by S. W. Sundath

10/4/84 Offg. Supg. Eng. 3rd Circle
The Drawings will be
of 11/4/84. Sent by Rail.

Ref: 358

No. 106
82

Seen and forwarded
to the Supg. Engineer
4th Circle

L. Beatty. Col. R.E.
Supg. Engineer
16/4/84

Drawings
sent by Bangalore

No. 317

Passed on.

Under Secretary Col. R.E.

Supg. Engineer, 5th Circle.

24th April 1884. No. 169 T.J.

Drawings sent by Bangalore

Passed on

Handwritten notes at bottom left

S.E. III Reg. No. 107/10
1886

BUILDINGS AND ROADS
MILITARY WORKS.

Govt. of (1884) Madras
PUBLIC WORKS.



Dated February, 29th.

Recd.

Encl.

G.O., 29th Feb. 1884, No. 549 W.

FEBRUARY.

Seen.

Handwritten signature
Major
Mr C. A. G. S. V. S.

7. 5. 82.
Magazine Lamp Fittings

Ordered that one set of the Defence Com-
mittee's type drawings of the — with sched-
ule relating to it be forwarded to the Mil-
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set being circulated to Superintending Engi-
neers.

R.K. I think it 549
29

will be sufficient
to sketch this
paper to original
by 5219207

29.2.84 -

The set of drawings
could be filed in Tech
Branch -

Given to C.
J. Section 8/5/84
58-8/5/84

I. G. F's. Circular No. 358.

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7120
433

WAR OFFICE;

17th January 1883.

Memorandum for Commanding Royal Engineers at home and abroad.

The tender of Messrs. Benham and Sons for the supply of magazine lamps, tubes, trays, &c., having been accepted, the accompanying copy of the contract is forwarded for the information and guidance of Commanding Royal Engineers.

(Sd.) J. H. Smith,

For Inspector General of Fortifications.

509
25

STORES AND MATERIALS.

To

HER MAJESTY'S PRINCIPAL SECRETARY OF STATE
FOR THE WAR DEPARTMENT.

SIR,

I or we

— (hereinafter styled "the contractor") do hereby engage to provide and deliver the several articles enumerated in the schedule hereunto annexed, to which — have affixed prices (or such portion thereof as you may determine) at the price or prices therein stated, and upon the conditions herein set forth.

I or we

Dated this _____ day of _____ 188 .

Witness _____ Signature of contractor _____

Address _____ Address _____

549
5

CONDITIONS OF CONTRACT.

Description and delivery of the stores.

1. The articles required shall be of the qualities and sorts described, and equal in all respects to the standard patterns, specifications, or drawings; and shall be delivered by the Contractor, at his own expense, at the time or times specified in the schedule, into the charge of the officer at the station named, accompanied by an invoice in duplicate.

Inspection.

2. The articles, previous to their being received into store, shall within thirty days from their delivery, unless otherwise stated in the specification or schedule, be examined; and if found inferior or defective in quality, or differing from the standard pattern, specification, or drawing, may be rejected, and the contractor shall replace the same at his own expense within ten days after he is required by notice so to do, without any allowance being made to him; and such rejected articles shall not be considered as having been received under the contract.

Inspection to be governed by patterns, specifications, and drawings only

3. The reception or rejection of articles shall be governed solely by the standard patterns, specifications, and drawings.

Certificate for articles accepted. Accounts to be rendered.

4. A certificate shall be prepared within forty days after the delivery of the articles for such quantities as may have been accepted; but if the deliveries be divided into periodical proportions, a certificate shall be prepared, as aforesaid, for each proportion. Upon notification from the receiving officer that a certificate has been prepared, the Contractor shall forward to that officer his account or bill in original and duplicate, and marked on the cover "contractor's account."

Payment.

5. Payment shall be made direct to the contractor, and not to an agent or attorney, within seven days from the rendering of the account, as required in clause 4, or within seven days after the removal of any objections which may arise thereon: such payment to be by an order on demand upon Her Majesty's Paymaster General, Whitehall, London, to be negotiated through a Banker.

Penalty for non-fulfilment of contract.

6. Should the articles or any portion thereof not be supplied within the period or periods stipulated for the delivery, the contractor shall be liable to a fine of $2\frac{1}{2}$ per cent. on the value of the articles deficient, and which fine may at any time be deducted from any sum or sums then due, or which at any time thereafter may become due to him under this or any other contract, or may be demanded of him to be paid within fourteen days to the Paymaster General to the credit of the War Office; and, in addition thereto, the Secretary of State for War shall be at liberty to purchase the supplies from other persons, and to charge the difference between the price paid for the same and the contract prices to the contractor, and which difference shall be deducted and paid in like manner as the fines hereinbefore mentioned; and further, the Secretary of State for War shall be at liberty, if he think fit so to do, to terminate the contract at or after any one of the specified periods at which default shall have been made, either wholly or to the extent of such default.

Contract terminable.

7. The Secretary of State for War may terminate the contract forthwith in the event of the contractor becoming bankrupt, or making a composition or arrangement with his creditors, or for any offence under clause 8.

No fee or gratuity.

8. Should the contractor, or any person employed by him, pay or offer to pay any gratuity or reward to any person in the employment of the Government for anything done or to be done by such person concerning the execution of the contract, or for the passing or discharging of any debenture or imprest of the contract, or for the payment of money in pursuance thereof, the Secretary of State may terminate the contract, by notice to the contractor, and may sue the contractor for the breach thereof.

Power to reject tenders.

9. The Secretary of State for War shall have the power of rejecting any, or all, of the tenders, or of accepting such portion of any tenders as he may think fit.

SCHEDULE.

Magazine lamps, tubes, trays, &c.

Magazine lamps, tubes, trays, &c.—contd.

No. of item.	No. of drawing.	Description.	Per.	Price.	No. of item.
				£. s. d.	
25	50,784	Brass chain, in lengths of not less than 9 feet, with zinc stops, not exceeding 4 in number to each length	foot run	0 0 6	25
26	50,783	Hook, stick (ash), 3 feet long	each	0 1 6	26
27		Add for additional length up to 5 feet	6 inches	0 0 2	27
28	50,785	Mouthpiece and whistle of zinc, bone indicator, copper chain, &c., complete, for 1½" tube, Fig 1	each	0 9 6	28
29		Mouthpiece and whistle of zinc, bone indicator, copper chain, &c., complete, for 1 tube, Fig. 4	"	0 8 0	29
30		Plug, chain, and eye of copper, with iron key, for 1½" tube, figs. 2 and 3	"	0 1 6	30
31		Plug, chain, and eye of copper, with iron key, for 1" tube, Figs. 5 and 7	"	0 1 0	31
32		Zinc union, screwed, for speaking tube, for 1½" tube.	"	0 2 4	32
33		Zinc union, screwed, for speaking tube, for 1" tube	"	0 2 0	33
34		Elastic tubing, for speaking tube of 2-ply canvas rubber junction hose, with embedded wire, fixed to mouthpiece and union complete, for 1½" tube	foot run.	0 2 9	34
35		Elastic tubing, for speaking tube of 2-ply canvas, rubber junction hose, with embedded wire, fixed to mouthpiece and union complete for 1" tube.	"	0 2 3	35
36		1½" composition tube, weighing 9lb. to the yard	yard run.	0 1 9	36
37		1" Composition tube, weighing 5½lb. per yard	"	0 1 3	37
38	50,786	Safety trap, gun metal, for cartridge lift, 1' 9" diameter, with flaps 1" thick, hung on pivots, in frame (2' 1" × 2' × 24") of section; provided, with lever, counterweight, rod, arms, pivots, pulling guides, &c., fitted together, complete	each.	15 0 0	38
39		If more than two safety traps (item 38) are ordered at one time	"	14 15 0	39
40	50,787	Safety trap, gun metal, for cartridge lift, 1' 6" diameter in frame 1' 10" × 1' 11¼" same description as for item 38	"	12 0 0	40
41		If more than two are ordered at one time	"	11 15 0	41
42	50,788	Strap hinges, for flaps of shell lifts, of wrought iron, 2" wide and ¼" thick, with steel pin, and to include bolts, nuts, and screws for fixing	pair	0 8 0	42
43		If more than three pairs are ordered at one time	"	0 7 0	43
44		Packing cases of ¾" deal	foot superficial	0 0 3	44
45		Ditto 1" "	"	0 0 4	45
46		Ditto 1½" "	"	0 0 5	46

NOTE.—The abutting surfaces of frame and flap to be planed, bearings and pins turned, and all working parts finished bright.

Specification.

Specification.
This specification relates to the supply of certain articles shown in fifteen drawings, numbered 50,774 to 50,788.

The whole of the plate, angles, sheet and other iron used to be of good quality, perfectly sound, soft, fibrous, uniform in texture, free from flaws or defects of any kind.

The iron castings to be from good tough, soft grey iron from the second melting; sound, clean, and perfect.

The gun metal to be of copper and tin only, free from specks and blow holes, and of a quality approved by the inspecting officer.

The brass to be free from lead, specks and blow holes, and of a quality approved by the inspecting officer.

The lamp frames, to be glazed with best Newcastle $\frac{3}{16}$ " polished plate-glass.

The inspecting officer to be at liberty to select such samples of the materials for testing as he may think fit; and any testing order to be done on

the contractor's premises is to be done by him at his own expense, as regards both labour and materials, under the direction of the inspecting officer.

In the case of a sample under test proving unsatisfactory to the inspecting officer, all the materials represented by it will be condemned as unfit for use and will be rejected.

The dimensions and forms shown in the drawings to be strictly followed, Workmanship, and the fitting of every part to be perfect.

All straightening and bending of bar, plate, and angle iron to be done hot if required by the inspecting officer.

All bolt and rivet holes to be accurately laid out and drilled, and to be performed in strict accordance with the drawings.

The whole of the workmanship to be of the best description and finish, and to be executed to the satisfaction of the inspecting officer.

All the ironwork, galvanized or otherwise, to be painted with two coats of approved oil colour at such times as the inspecting officer may order.

Special Conditions.

1. The contractor will be responsible for all articles until they are received into the Government stores, although they may have been inspected and approved on his premises.

2. The contractor shall be bound to supply from time to time such quantities of the articles included in this contract as may be demanded by the Secretary of State for War to be delivered at the prices stated, and in the time named in the warrant for each supply, into the charge of the Ordnance Store Department at Woolwich Arsenal or Dockyard, or at any of the Royal Engineer offices or stations in the United Kingdom and channel islands.

3. Should the contractor object to the period or periods named in the warrant, such objection must be made in writing immediately on receipt of such warrant.

4. Articles ordered for foreign service will be examined on the premises of the contractor (who will render the necessary assistance in connection therewith), but a final examination will be made at Woolwich. Articles ordered for home service will be examined on receipt at the place of delivery.

5. The prices shall include free delivery to Woolwich; but articles ordered for other home stations shall be delivered by the contractor free at the railway goods station or docks nearest to his works, and the contractor shall pay the cost of carriage for transit and delivery, but such cost will be allowed him by the Department on his producing vouchers for sums thus paid.

6. No charge shall be made for packing or direction. Packing cases to be charged for separately, and two-thirds of the price charged to be allowed on their return, carriage paid and in good condition.

7. The contract shall continue in force for a period of three years from date of acceptance, but shall cease at the end of the first year or at any time after provided three months' notice for that purpose shall have been previously given by either party.

8. The contractor is clearly to understand that the War Department does not bind itself to receive any specific number or quantity, but only such as may be ordered from time to time.

Messrs. Benham and Sons, 50, Wigmore Street, London W., accepted 12th December 1882 ⁷¹²⁰₄₃₃.

1607

SW.

5/8

Only two sets of
the encls. to this paper
have been received.

One set might
be sent to the Military
Dept. & the other
circulated to Supply
Engrs for perusal!
For orders.

Cu
29/2

Very kind
W.
28/2/86

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No.

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FROM

THE SECRETARY, DEFENCE COMMITTEE,

TO

THE *Secretary to the Government of*
Madras, P. W. Departt.

Madras.

Simla, 15th February 1884.

Sir

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2. It is hoped there may be of assistance in arranging for the lighting of magazines in this country.

Have the honour to be
Sir

Your most obedient servant

W. G. Richardson — *Major P. W.*
Secretary Defence Committee

B & L
M. H. W. S. S.

PUBLIC WORKS DEPARTMENT.

No 549H

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 29th Feb/84

Read the following

549
10

From the Secy Defence Committee, Es 30 7 15³ Feb/84

Ans
without

One set of the documents received with the foregoing letter will be forwarded to the Military Dept for information. The second set will be circulated to Supply Dept for perusal.

sent 5/3

- 1. The Military Dept. with one set of pencils.
- " S. E. I. Circle, with ditto, to be perused after perusal.
- " Other Supply Dept.
- " Comdant to Govt

Cy.
28-2-84

No 1007

P. D. 2

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No 549H a/29th Feb/84

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Gobt. of 1883 Madras.

PUBLIC WORKS.

(11)

29/2

Dated

Recd.

Encl.

G.O. 29th Feb. 1884 No. 549W.

Magazine Camp. Pithampur

Ordered that one copy
of the ^{Magazine} Camp. Pithampur
be sent to the ^{Magazine} Camp. Pithampur
with schedule
relating to the work
to the Military Dept for
information and record
not being circulated
to 2 Gs.

13/14/12

29/2/84
13/14/12

Subd. Mag. Dept.