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MADRAS RECORD OFFICE.

Government of Madras.

Public & Works DEPARTMENT.

G.O. No. <u>489</u>	Press
<u>367-368</u>	Mis-
Dated <u>17-2-1864.</u>	

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
17th February 1864.*

No. 367. Read the following Proceedings of the Madras Government in the Military Department:—

Approving of the Plan and Estimate amounting to Rupees 4,600 for constructing a room on the premises of the Gun Carriage Manufactory, Presidency District, for the reception of certain Machines; and requesting that orders may be issued regarding the funds from which the work is to be executed. } (Here enter 15th February 1864, No. 512.)

No. 368. ORDER THEREON, 17th February 1864, No. 489.

1. Communicated to the Superintending Engineer, 4th Division, for information and guidance.

2. With reference to paragraph 2, Colonel Boileau will be informed that the Government will await the receipt of the Statements called for in Proceedings No. 3,681, dated 14th December 1863.

(True Extract.)

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

To the Superintending Engineer, 4th Division, with one Specification.

„ Accountant General.

„ Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

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~~44/554 Kcl~~

44/408 Kcl

W. B. B.

Abstract Estimate

District Engineer

Work done in constructing an additional room 40 by 20 1/2 feet in the rear adjoining the north side of the principal building on the Gas Carriage & Manufacturing for the reception of the new surfacing, and boring lathe and universal boring and surfacing machines.

3992 3/4	Excavating foundations and leveling the ground	13	10	15	7
6254 1/2	Brick work in chimney	2	5	944	10 5
180	Plaster work in chimney over the door and windows above the kiln	3	4	37	8
277 1/2	Relining secular archwork in chimney over the door and windows above the flat archwork	3	8	63	9 6
108 1/2	Concreting work in chimney on the exterior wall only	3	5	22	10 8
113 1/4	Laying clay in chimney 3 thick 3 courses of flat brick building course and plastering over with 3 coats of cement	16	1	182	2 5
3980	Plastering the walls with 2 coats of cement	2	2	79	2
437 1/2	Plastering the cornice with 2 coats of cement on the exterior wall	3	1	6	13 5 9
750	Flaming with 2 line sloped granite stones in chimney including a building course of wall bricks 3 1/2 ft beneath the same	31	8	14	23 6 10 10
	Laying masonry bed beneath the 3 machines including granite blocks overcoring 1/2 in and 1/2 in masonry & Machine	500			53
	Setting roof sand beneath and the sides of the foundations	2	15	115	11 11
3920-1	Shed roof and part up	24	10	203	6 6
1022 5/8	Laying with textured ceiling boards 2 1/2 thick with battens and nails over the joist	30			56 15 3
	Laying with planks of 2 1/2 thick 1/2 in the space between the joists over the beam	40	2	3	32 11 2
1	Pair of strong wooden shutters with frame, bolts, hinges, bolts and wash bands 1/2 in complete	11	14	7	95 4 8
8	Pair of window shutters with frame, bolts, hinges, bolts, cross vertical & horizontal bars fastening bolts 1/2 in complete	100			100
8	Pair of glazed window shutters with thick brass hinges, nails, bolts, fastening bolts 1/2 in complete	4	12		28
	Coaly hire for demolishing a portion of the building of the wheel right side for the site of the proposed building	2	11	65	2 9
800	Green paint 3 coats with European varnish to doors and windows	5			30
2425	White paint 3 coats to beams, joists, ceiling planks, lintels & zinc trunks and glazed window shutters	10	7	6	62 13
	Lead on spouts to be fixed over the terrace under the building walls	4			1 8
	Zinc trunks with iron clamps 1/2 in complete 1/2 in against the wall	1			1 8
	Granite put stone of 2 line stepped to fix beneath the water trunks	3			3
	Laying masonry bed beneath the granite slabs for fixing the zinc trunks enclosing its excavation 1/2 in	18			18
	Coaly hire for fixing the zinc water trunks against the wall	22	7	5	7
	Coaly hire for connecting the old and new walls, terrace 1/2 in with masonry repairing the old portion wherever required including plastering	22	7	5	7
	Church charges and scaffolding 1/2 in including removing rubbish & excavated with and off by long tar bands of beams & joists 1/2 in	22	7	5	7

Total Paper Four thousand & six hundred & 400

Chas. B. B. B.
18th January 1864

Ch. B. B. B.
District Engineer & President of
Northern Engineers

Work Done

constructing an additional room 40 by 20 feet in the rear adjoining the north side of the principal building on the Gun Carriage Manufacturing for the reception of the new surfacing and boring lathe and universal boring and engraving machine.

Abstract - Estimate District Engineer

3992 5/8 4110 - 12 1/4 cubic yds. Encasing foundations and leveling the ground	13	10.15	7.
6254 1/2. Brick work in chimney	25	944.10	5
180. Plaster work in chimney over the door and windows above the tank	34	378	
274 1/2. Placing circular archwork in chimney over the door and windows above the flag archwork	38	63.96	
108 5/8. Cornice work in chimney on the exterior wall only	35	22.15	8
1134 1/4. Laying clay in chimney 3 thick 3 courses of bricks building course and plastering over with 3 coats of chumel	161	182.25	5
3930. Plastering the walls with 2 coats of chumel	20	2.79	2
437 1/2. Plastering the cornice with 2 coats of chumel on the exterior wall	316	138.9	
750. Flooring with 2 line shaped granite stones in chimney including leveling course of wall bricks 3-8 ft. beneath the sand	318	14	236 10 10
Laying masonry bed beneath the 3 machines including granite blocks overlying 1/2 in. and fine masonry	570		
2 filling rows sand beneath and the sides of the foundations	53		
3920 - 1 - 1/4. Backwood wrought and put up	218	1,151	11 11
1920 5/8. Lining with treated ceiling board of 3/4 inch with battens and nails over the joint	24	10	252 66
Lining with planks of 3/4 inch to the space between the joists over the beam	30		
1 Pair of strong battens over the frames, bunks, hinges, bolts and wash boards 1/2 in. complete	56	15	3
8 Pairs of wooden window shutters with frames, bunks, hinges, bolts, doors vertical & horizontal bar fastening hooks 1/2 in. complete	40	23	32 13 2
8 Pairs of glazed window shutters with thick bungs, nails, bolts, fastening hooks 1/2 in. complete	11	14	7 95 4 8
Carry hair for demolishing a portion of the building of the school right shop for the site of the proposed building	100		
800. Green paint 3 coats with Europe's red oxide to doors and windows	4	12	28
2425 - 1 - 1/4. White paint 3 coats to beams, joists, ceiling planks, battens & zinc bunks and glazed window shutters	211	65	21 9
Lead on spouts to be fixed over the terrace under the building walls	5		30
6 Pine trunks with iron clamps 1/2 in. complete to fix against the wall	10	7	6 62 13
6 Granite put stone of 2 line shaped to fix beneath the water tanks	4		1 8
Laying masonry bed beneath the granite slabs for fixing the zinc tanks including its excavation 1/2 in.	3		
Dooley hire for fixing the zinc water tanks against the walls	18		
Dooley hire for connecting the old and new walls, terrace 1/2 in. with masonry, repairing the old portion where required including plastering	22	5	7
Demolishing charges and scaffolding 1/2 in. including removing rubbish & excavated earth and applying tar to ends of beams & joists 1/2 in.	22	5	7

Total Paper Four thousand & six hundred & 400.

Done at Washington at Office A. R. R.
Chief of the Survey
18th January 1894

A. Brown - Superintendent
S. A. Strong Assistant Engineer & President of
Northern Survey

MILITARY DEPARTMENT.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following letter:—

From the Superintending Engineer 4th Division, Madras, 30th January 1864, No. 4862; to the Secretary to Government, Public Works Department.

With reference to the Proceedings of Government, No. 3573, dated 7th November 1863, in the Military Department, I have the honor to submit, for sanction, Plan and Estimate amounting to Rupees 4,600, for constructing a room on the Premises of the Gun Carriage Manufactory, for the reception of the Machinery received per Screw Steamer *Calcutta*.

Enclosures.
2 Plans.
1 Abstract Estimate.
1 Specification.

2. The Plan has been prepared in communication with Colonel Campbell, the Superintending of the Factory, and in accordance with the design submitted to Government by the Officialing Inspector General of Ordnance and Magazines: in his letter, No. 140, dated 27th October 1863. The Assistant Engineer is now proceeding with the work under the authority given in the Proceedings of Government, No. 3377, dated 19th November 1863, in the Public Works Department.

3. I inspected the new room yesterday, when I found the walls raised about half their ultimate height; and I was satisfied with the character of the work, so also I may observe, was Colonel Campbell.

4. There are no Funds at my disposal for this purpose, so I shall at present merely add it to the amount, Rupees 49,583, for which Funds remain to be provided as shewn in my letter, No. 4055, dated 15th December 1863, unless indeed Government are prepared to allot Rupees 4,600 out of the Reserve Fund for the purpose.

Referred to the Military Department, with reference to the Order in that Department, No. 3573, dated 7th November 1863. (Signed) C. A. ORR, Colonel, R. E.,
Secretary to Government, P. W. D.

2nd February 1864.

ORDER, No. 512, 15th February 1864.

The Plan is approved.

2. Orders will be issued in the Public Works Department, regarding the Funds from which the work is to be executed.

(True Extract.)

W. H. H. H.
Secretary to Government.

To the Public Works Dept., with four enclosures. *W. H. H. H.*
Inspector General of Ordnance.

Exd. T. Stubbs.