

Govt. of {1894} Madras.

LOCAL AND MUNICIPAL.

Lo 3192 W d, 12 Decr/94 /94

Communicated to the te
Supty. Engineer, V Circle,
for information.

(Sd) J. P.

W.

Issued

Recd.

Encl.

G.O., 1st Dec. 1894, No. 1841 M.

DECEMBER.

Road.

Sanctioning the estimate, amounting to Rupees
18,420, for the improvement of the Pudukulam
— for execution by the Sanitary Engineer as part
of the Tanjore water-supply project.

With order

With order

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

5' 6" GAUGE.

Contracted for in 1893.

Contract number and date.	Articles.	Details.	Weight per yard of rails.	RATE—FREE ON BOARD.		For what railway.	REMARKS.
				Amount.	Unit.		
			lbs.	£ s. d.			
25 311	22-8-93	Steel, with nuts and washers, 5½" long, × 1" diameter for rails, steel, flat-footed (new standard), with 4" foot.	75	10 17 6	Ton.	Bina-Guna	1 bolt, nut and washer = 1 lb. 14 oz.
	23-12-93	Steel, with nuts and washers,* 5½" long, × 1" diameter for rails, steel, flat-footed (new standard), with 4" foot.	75	12 17 6	"	Oudh & Rohilkhand...	* Washers to be stamped on nut, and not to be loose.
	20-3-93	Steel, with nuts and washers, 5" long, × 1" diameter for rails, steel, double headed.	69½	14 0 0	"	Warora Colliery	1 bolt nut and washer = 1 lb. 13.09 oz.
29 185	22-12-93	Steel, built up, complete, for rails, steel, flat-footed.					
	Crossings	Angle 1 in 8½	100	6 6 6	Each.	Mushkaf-Bolan.	
		" 1 in 6					

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		<i>Spare parts of—For rails, steel, flat-footed, with 4" foot (new standard.)</i>	lbs.	£ s. d.			
		Chairs, steel, with cast-iron distance blocks, for crossings, angle 1 in 6, each set consists of 3 chairs, 7 distance blocks, and 4 crossing bolts, nuts, and taper washers.	75	1 0 6	Set.		
		Chairs, steel, with cast-iron distance blocks, for crossings, angle 1 in 8½, each set as above.	75	1 0 6	"		
		Chairs, steel, with cast-iron distance blocks, for crossings, angle 1 in 12, each set as above.	75	1 1 2	"		
		Chairs, check rail, steel, with cast-iron distance blocks.	75	0 3 8	Each.		
18 299	25-1-93	Crossings— <i>contd.</i> ...				North Western.	

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24 337	24-7-93	Steel, four-holed, for rails, steel, flat-footed, with 4" foot (new standard).	lbs. 75	£ s. d. 5 11 6	Ton.	Oudh and Rohilkhand	
25 417	23-8-93	Steel, four-holed, for rails, steel, flat-footed, with 4" foot (new standard).	75	5 11 6	"	Bina-Guna	1 pair fish plates = 32 lbs.
29 182	22-12-93	Steel, four-holed, for rails, steel, flat-footed, with 4" foot (new standard). 1' 9½" long.	75	5 10 6	"	Oudh and Rohilkhand	
23 475	30-6-93	Plates, fish— <i>conclud.</i>	75 & 73	5 11 0	"	North-Western	
22 14	1-5-93	Steel, five-holed, for rails, steel, flat-footed, with foot 4.2" (new standard).	75	5 4 0	"	East Coast	
23 403	28-6-93	Steel, five-holed, for rails, steel, flat-footed, with foot 4.2" (new standard).	75	5 6 6	"	Do.	One pair fish plates = 27½ lbs.
24 336	24-7-93	Steel, six-holed, for rails, steel, double-headed	73	5 11 6	"	Eastern Bengal	One pair fish plates = 46 lbs.
20 528	30-3-93	Steel four holed, for rails, steel, double-headed	69½	8 10 0	"	Warora Colliery	One pair fish plates = 25 lbs.
23 474	30-6-93	Steel, for rails, steel, flat-footed (new pattern)	62	5 11 0	"	North-Western	One pair fish plates = 28 lbs.

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				Amount.	Unit.		
$\frac{21}{31}$	4-4-93 Rails— <i>contd.</i>	Steel, double-headed, in lengths of 30 feet, with four-holes.	lbs. 69½	£ s. d. 4 5 6	Ton	Warora Colliery ...	Includes short lengths. ∞
$\frac{28}{202}$	14-11-93	Steel, transverse, with corrugated clips, and wrought-iron or stamped steel distance pieces, and steel keys for rails, steel, flat-footed.	100	5 10 6	Ton.	Mushkaf-Bolan ...	One sleeper with two distance pieces and two keys = 140½ lbs.
$\frac{25}{308}$	21-8-93 Sleepers	Steel, transverse, with corrugated clips, wrought or stamped steel distance pieces, and steel keys for rails, steel, flat-footed, with foot, 4" wide (new standard).	75	5 16 0	"	Bina-Guna ...	One sleeper with two distance pieces and two keys = 139 lbs.
$\frac{25}{309}$	21-8-93	Steel, transverse, with corrugated clips, distance pieces (wrought-iron or steel) and steel keys, for rails, steel, flat-footed, with foot, 4" wide (new standard)	75	5 11 0	"	Bina-Guna	1 sleeper with two distance pieces and two keys = 139 lbs.

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				Amount.	Unit.		
18 299	25-1-93	Single throw, with lever boxes, complete, for rails, steel, flat footed, with 4" foot (old standard), length of tongue 15 feet.	lbs.	£ 11 1 0	Set.	North-Western.	The stock rails to be of the (new standard) 73 lbs. bull-head section, and the tongue rails of the (new standard) 75 lbs. flat-footed section with 4" foot.
		Single throw, with lever boxes, complete, for rails, steel, flat-footed, with 4" foot (new standard), length of tongue 15 feet.	75	12 2 6	"		
		Single throw, with lever boxes, complete, for rails, steel, flat-footed, with 4" foot (new standard), length of tongue 12 feet.		11 8 0	"		
25 307	19-8-93	With lever boxes, complete, for rails, steel, flat-footed, with 4" foot (new standard) :— Length of tongue, 15 feet ... " " 12 " ...	75	11 5 0 10 2 6	" "	Bina-Guna.	
21 1	1-4-93	With lever boxes, complete, for rails, steel, flat-footed, with 4" foot (old standard), length of tongues, 12 feet.	75	12 6 6	"		
21 115	11-4-93	With lever boxes, complete, for rails, steel, double-headed, with 12 and 15 feet tongues.	73	10 8 0	"	Oudh and Rohilkhand. Eastern Bengal.	

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				Amount.	Unit.		
26 46	4-9-93		lbs.	£ s. d.			
20 212	13-3-93	Steel, with nuts and washers, $3\frac{1}{8}" \times \frac{1}{8}"$ for rails, steel.	41½	17 7 6	Ton.		
28 103	4-11-93	Steel, with nuts and washers, $3\frac{3}{8}" \times \frac{3}{4}"$ for rails, steel.	41½ & 50	12 7 6	"	Burma.	1 bolt, nut and washer = 11·8 ozs.
		Steel, with nuts and washers $3\frac{1}{8}" \times \frac{3}{4}"$ for rails, steel, flat-footed.	50	13 2 6	"		1 bolt, nut and washer = 15 ozs.
20 202	11-3-93	Steel, built up, complete, for rails, steel, flat-footed, angle 1 in 6½.	41½	5 2 6	Each.	Burma.	

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				Amount.	Unit.		
28 24	16-11-93		lbs.	£ s. d.			
24 143	13-7-93	Wrought-iron, for rails, steel, flat-footed $\frac{3}{4}$ inches long.	50	11 13 0	Ton.	Burma.	100 spikes = 53 lbs.
22 333	29-5-93	Spikes, dog ... " $3\frac{1}{4}$ " long, for rails, steel ... " $3\frac{1}{4}$ " long, for rails, steel, for use on timber sleepers.	18 18	18 0 0 18 0 0	" "	Umamia Colliery. Jorhat.	1 spike = 2.91 oz.
20 202	11-3-93	Single throw, with lever boxes, complete, for rails steel, flat-footed, tongue, 12 feet. Spare parts of--	41 $\frac{1}{2}$	7 14 6	Set.	Burma.	
25 159	9-8-93	Bolts, iron, locking, for points. (Blood's patent.)	41 $\frac{1}{2}$	0 4 8	"	Mu Valley.	

Communicated to
officers of the U.S. Army
at Fort Mifflin
Philadelphia
June 1864

W. W.

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.

The Secretaries to the Chief Commissioners of the Central Provinces, Burma and Assam, Public Works Department.

The Secretaries to the Residents at Hyderabad, and in Mysore, Public Works Department.

The Secretaries to the Agents to the Governor-General, Rajputana and Central India, and Baluchistan, Public Works Department.

The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.

The Director General of Telegraphs.

The Director General of Military Works.

The Chief Engineer, Kashmir.

The Accountant-General, Bengal.

The Consulting Engineers for Railways, Madras and Bombay.

The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, Central Division and Assam.

Copy forwarded to the Local Governments and Administrations, and to the Officers noted in the margin, for information, with the intimation that all Railway Administrations have been supplied with copies direct.

R. E. TOMLIN, Lieut., R.E.,

for Offg. Director General of Railways.

To

THE

No. 3189 W. d. 12 Decr/94

*Communicated to
officers of the P.W. Dept. for
information.*

*(Sd) J. P.
W*

*Srs.
C. A. pp
S. of W. P. P.
Ry. P. W. A.*

with ord

Note by the Chief Engineer, Public Works Department.

The estimate as now submitted is approved, but, with reference to paragraph 3 of the Sanitary Engineer's letter, I consider the continuous bed of concrete desirable, instead of, not in addition to, the stone pitching; this will increase the estimate from Rs. 17,920 to Rs. 18,420.

15th November 1894.

(Signed) J. PENNYCUICK, Col., R.E.,
Chief Engineer, P.W.D.

No. 3646-C.

Transferred to the Local and Municipal Department, with reference to its endorsement, No. 786, dated 10th September 1894, herewith returned with enclosures.

17th November 1894.

(Signed) J. PENNYCUICK, Col., R.E.,
Secy. to Government, P.W.D.

To the Local and Municipal Department with L. and M. C. No. 2044 M.
and its enclosures.

ORDER—dated 1st December 1894, No. 1841 M., Local and Municipal.

The estimate, amounting to Rs. 18,420, for the improvement of the Pudukulam road, is sanctioned for execution by the Sanitary Engineer as part of the Tanjore water-supply project.

(True Extract.)

W Francis

for Chief Secretary.

To the Chairman, Municipal Council, Tanjore.

" Collector of Tanjore.

" Sanitary Engineer (with plans and estimate).

" Public Works Department.

Editors' Table.

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.

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11-12-94

Encl.

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DECEMBER.

Road.

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No. 3192 W. d/12 December/94

Communicated to the
Suptg. Engineer & Arch
for information.

CLERK
11/12/94

Jim

11/12/94
C.M.

S. & Arch

N.S.

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DESPATCHED

13 DEC. 94

200
12/12

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B
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LOCAL AND MUNICIPAL.

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GOVERNMENT OF MADRAS
LOCAL AND MUNICIPAL DEPARTMENT

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LOCAL AND MUNICIPAL.

Re 3192 W. d. 12-20

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Enclosure to Director General of Railways' Circular No. 9 of 1894.

RATE LIST.

CLASS D.
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FOR 1893.
