

(1) பக்கங்களின் எண்ணிக்கை

12

(2) புதுக்கித் திருப்பிய நாள்

12-89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

10/9

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

Par

துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண்.

2437 W

அச்சகம்
பலவகை

நாள் :

11.9.1890

198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண, கர-1-18,008-15-6-87.

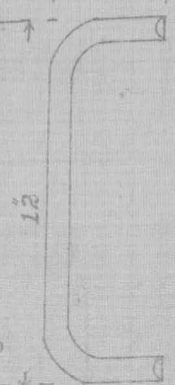
சுத்யா

LIST OF SURPLUS MATERIALS AND TOOLS AND PLANT IN THE IRRIGATION DEPARTMENT OF THE NORTH-WESTERN PROVINCES
AND OUDH, AVAILABLE FOR TRANSFER

Name.	Quantity or number available.	Description or Locality.	Condition.	Present value.		Remarks.
				Rate.	Amount.	
1	2	3	4	5	6	7
NORTHERN DIVISION, GANGES CANAL. (Roorkee, on Oudh and Rohilkhand Railway).						
Boring apparatus	1 set,	Roorkee	Fair	Not known	...	Cutting edges worn.
Charns, "Mandal "	11	Ditto	Good	Ditto	...	
Concrete skip, iron	1	Ditto	...	Ditto	...	
Centrifugal pump	1	3" delivery groynes No. 2 at Roorkee.	...	Ditto	...	
Hook for kiln furnace	20	Roorkee	...	Ditto	...	In want of repairs.
Iron brick moulds	141	6 at Myapur and 135 at Roorkee.	...	1 0 0	141 0 0	
Iron pulleys	3	Myapur	...	Not known	...	
Iron wheels for barrows	39	1-6" Diameter	...	10 0 0	390 0 0	
Jhams, country	9	7 at Roorkee and 2 at Myapur.	...	18 0 0	162 0 0	
Mortar Mill stones	40	2 at Salempur 18 at Bastan 8 at Latherdewa 12 at Chauthawal	...	Not known	...	
Pulley Wheels and Blocks...	49	Roorkee	...	7 10 1	374 0 0	
Rakes	14	Ditto	...	1 0 0	14 0 0	
Roorkee hand pumps	54	Roorkee pattern	Fair	1 7 8	80 0 0	
Ditto ditto	1	Myapur	Good	20 0 0	20 0 0	Want over-hauling and fitting up.
Scythes	4	Roorkee	...	12 0 0	48 0 0	
Sand box for centering	119	Ditto	...	Not known	...	
Saws, large pit	4	Myapur	...	Ditto	...	

Name.	Quantity or number available.	Description or Locality.	Condition.	Present value.		Remarks.
				Rate.	Amount.	
1	2	3	4	5	6	7
ANUPSHAH DIVISION, GANGES CANAL. (Meerut, on North-Western Railway).						
Monkey for Pile Engine	2	Jauli	Fair	Rs. a. p.	Rs. a. p.	
Stone, grinding	1	Do.	Fair	10 0 0	20 0 0	
Sukhi crusher...	1	Do.	Do.	5 0 0	5 0 0	
Brick moulds ...	20	Kinawa	7	100 0 0	100 0 0	
Iron rammers ...	50	Anibas	8	1 0 0	20 0 0	
Mortar mills* ...	21	Maharajpur ...	5	1 0 0	50 0 0	
		Sihani	21	1 0 0	210 0 0	
		Kinawa	29	10 0 0		
		Sihani	18			
		Kinawa	3			
		Different places				
		Nagla Badan	279			
		Rahmatpur ...	3,641			
		Kinawa inspection	55,300			
Bricks, 3rd class	79,448	house	Do. ...	3. 0 0 per 1,000	238 5 6	
		Enaiti rajbaha	17,300			
		Mahewa do.	2,700			
		Sihani	228			
Collars 6" ...	3,000	Maharajpur ...	1,500			
		Lachampur ...	1,358	0 1 0	187 8 0	
Kolaba numbers	500	Narora inspection	142			
		house	Do. ...	0 0 9	23 7 0	
Furlong posts ...	500	Lachampur ...	Do. ...			
		Sihani inspection	Do. ...			
		house	Do. ...			
		Narora inspection	Do. ...	0 2 0	62 8 0	
		house	Do. ...			

Pipes 4½"	2,000	Sihani inspection house	1,100	Do. ...	0 3 0	375 0 0	
Valves 4½" heads	7	Maharajpur ...	400	Do. ...			
		Kinawa	500	Do. ...	3 4 0	22 12 0	
		Charaura	5	Do. ...			
		Anibas	2	Do. ...			
BCLANDSHAH DIVISION, GANGES CANAL. (Bulandshahr via Chola, East Indian Railway).							
Heavy cast iron girders 22½' long.	2	Walipura, mile 134 of Main Canal.	Very good	418 0 0	0 0 0	836 0 0	Evidently balance beams for lock gates.
Clamps, iron	542	Ditto	Ditto	0 9 7		324 0 0	
Wrought iron tube 23" diameter 64' long.	1	Dehra, mile 110	Ditto	456 0 0		456 0 0	
Country Jhams	4	Walipura, 134	Ditto	2 0 0		8 0 0	
Roorkee Hand Pumps	3	Kot	Fair	20 0 0		60 0 0	
Pile Engine ...	1	Ditto	Old	40 0 0		40 0 0	
Gwynne's 8" Pump	1	Ditto	In good order	150 0 0		150 0 0	
Cast iron numbers for trees...	20	Walipura, mile 134	Very good	0 4 0		5 0 0	Surplus stores not borne on stock.
ALIGARH DIVISION, GANGES CANAL. (Aligarh, East Indian Railway and Oudh and Rohilkhand Railway, via Bareilly.)							
Aulies	50	1st Sub-Division	Working order				No value on stock register.
Belted, leather	40						
Concrete Mixer	2						
Kashi	31						
Kudal and Kudalis	59						
Moulds for bricks, iron	151						
Pulverizer, Lucop's	1						
Portable Mortar Mill	1						



List of Surplus Materials and Tools and Plant in the Irrigation Department of the North-Western Provinces and Oudh, available for transfer—(continued).

Name.	Quantity or number available.	Description or locality.	Condition.	Value.		Remarks.
				Rate.	Amount.	
1	2	3	4	5	6	7
NARORA DIVISION, LOWER GANGES CANAL.						
(Narora near Rdighat on Oudh and Rohilkhand Railway.)						
Adzes	4	English	Serviceable	1 0 0 each	4 0 0	Rs. a. p.
Block rope, galvanized	4	Single, double and treble sheave	Ditto	14 0 0 per set,	56 0 0	
Ditto plain	5	1 " 4 1/2 "	Good	2 0 0 each	10 0 0	
Brace and bits	2	1 " 8 "	Used	6 0 0	12 0 0	
Brick machines, large	2	2 " 4 1/2 " double	Very little used	2,500 0 0	5,000 0 0	
Bullock gear	2 sets	For making compressed bricks	In good order	200 0 0	400 0 0	
Cupola for casting	1	Driving gear for bullocks 13'-0" and 3'-4" Narora made	Ditto	400 0 0	400 0 0	
Crane, Derricks, 5 ton 35 feet	1	Some wood work short	Serviceable	500 0 0	500 0 0	
Crusher, lime	11	Fitted with swivels	Old	10 0 0	110 0 0	
Chains of sizes	3,000 feet	Narora made	Serviceable	10 0 0 per md.	2 0 0	
Dogs for lifting stone	2 prs.		Ditto	1 0 0 each	2 0 0	
Disintegrator	1		Old	3 0 0 per md.	1,740 0 0	
Dredgers, Bull's 1 1/2	29	Narora made	New	60 0 0 each	1,740 0 0	
Ditto do. 2 1/2	1	Ditto	Used	65 0 0	65 0 0	
Fouraces	43	Received from Sone Canal	Good order	25 0 0	1,075 0 0	
Ditto 16 cubic feet	1	Ditto do. Arrah	Ditto	30 0 0	30 0 0	
Ditto - Molesworth's	4		Ditto	30 0 0	120 0 0	
Ditto hand	27	Narora made	Ditto	0 8 0	13 8 0	

Name.	Quantity or number available.	Description or locality.	Condition.	Value.		Remarks.
				Rate.	Amount.	
Ganges, metre rail	9	Ditto	Ditto	2 0 0 each	18 0 0	
Do. wire	1	Birmingham	Ditto	2 0 0	2 0 0	
Hydraulic Indicator	1	Narora made	Old	5 0 0	5 0 0	
Ditto Punch	1	Tongue for hand power 3" x 1 1/2" x 6"	Old but serviceable	100 0 0	100 0 0	
Lewis	22	3" x 1 1/2" x 6"	In good order	5 0 0	110 0 0	
Machine, rope making	2	Roorkee made, new	Ditto	100 0 0	200 0 0	
Monkeys for pile Engine	4	Cast iron	Ditto	20 0 0	80 0 0	
Mortar mill stones	8	Dehli and Agra stone	Serviceable	56 0 0	448 0 0	
Pick axes, double headed	20		Fair	20 0 0	400 0 0	
Pipe machine	1	Claytons	Serviceable	350 0 0	350 0 0	
Pug mill	1	Ditto	Fair	50 0 0	50 0 0	
Pulleys for shafting	4	Split 30" x 6" x 2 1/2" Plans 36" x 6" x 2 1/2" 30" x 9" x 4 1/2"	Serviceable	15 0 0 per md.	60 0 0	
Pumps, Woodford	2	Roorkee made	In good order	Not known	...	
Do. sand	4		Slight repairs required.	100 0 0 each	400 0 0	
Pile heads, square	28	Cast iron 12" x 4" x 4"	In good order	0 8 0	22 4 0	
Pattern angethi	1	For moulding	Ditto	10 0 0	10 0 0	
Rammers, cast iron	20	Roorkee cast	Good order	1 0 0	20 0 0	
Saws, fellows	4	4'-6" long	Ditto	1 8 0	7 2 0	
Do. bow	4	12"	Used but serviceable	6 0 0	24 0 0	
Do. cross cut	3	6 and 7 feet long, English	Serviceable	4 0 0	12 0 0	
Do. Tenon	4	3'-9"	Ditto	1 8 0	7 2 0	
Screw drivers	15	1'-6"		1 0 0	15 0 0	
Shovels	200	English		0 12 0	24 0 0	
Skip, Molesworth's	1	For concrete	Good	Not known	...	
Straight edges, iron	20	5'-0" long generally	New	1 0 0 each	20 0 0	
Spanners, Claybarn's	3	10" English	Serviceable	5 0 0	15 0 0	
Syringe, brass	1	For machines	Ditto	1 0 0	1 0 0	
Sand cylinders	36	For blacksmith's use	Ditto	0 4 0	14 4 0	
Tongs	20	Fitter's use	Ditto	2 0 0	40 0 0	
Trawls	2	English	New	0 12 0	24 0 0	
Ditto 11"	1,040			0 12 0	124 8 0	
Ditto 10"	513			0 12 0	61 5 6	
Ditto 9"	419			0 12 0	50 2 8	
Tubes, wrought iron	2	14'-0" x 3'-8"	Serviceable	4 0 0 per md.	80 0 0	
Traversers	2	Broad and metre gauge		80 and 50	130 0 0	
Watering tank, iron	1	For locomotive engine		4 0 0	4 0 0	
Wheels for trolly	13 prs.	18", 19", 22" and 24" diameter		...	...	

Name.	Quantity or number available.	Description or locality.	Condition.	Value.		Remarks.
				Rate.	Amount.	
1	2	3	4	5	6	7
NARORA DIVISION, LOWER GANGES CANAL. (Narora near Rajghat on Oudh and Rohilkhand Railway).						
Wrenches, common	25	Various sizes	...	Rs. a. p.	...	
Weights 1 maund	5	Cast iron	...	10 0 0 per md.	40 0 0	
Ditto 20 seers	5	Ditto	...	...	20 0 0	
Ditto 10 "	3	Ditto	...	...	6 0 0	
Ditto 5 "	2	Ditto	...	...	2 0 0	
Ditto 2½ "	2	Ditto	...	...	1 0 0	
Ditto 2 "	5	Ditto	...	...	2 0 0	
Ditto 1 "	1	Ditto	...	...	2 0 0	
Ditto 56 lbs.	3	Ditto	...	...	1 5 0	
Ditto 28 "	2	Ditto	...	...	16 4 5	
Ditto 14 "	2	Ditto	...	...	5 3 5	
Ditto 1 to 7 "	1 set	Ditto	...	...	2 4 5	
Stock.					...	
Asphalte	md. s. c.					
Bolts, doors, brass	7 14 8		Good	2 0 0 per md.	14 10 6	
Brushes brass tube	1 24			0 2 0 each	8 0 0	
Ditto black lead	5	For almirahs, &c.	New	1 0 0	5 0 0	
Cleats	3	" cleaning Engine Tube		1 0 0	3 0 0	
Bath bricks	4	Doors	New	1 0 0	4 0 0	
Black lead	8			0 4 0	2 0 0	
Brass glands	2 5		New	No value	...	
Buffer head, English	10		Good	3 8 0	35 0 0	
Cement, Vulcan	14	For Trucks and Engines used	Serviceable	20 0 0 each	280 0 0	
	39 6	" Hot joints of machines	Good	10 0 0 per md.	10 0 0	

Coke	500 c. ft.	For blacksmiths	New	20 0 0	0 % c. ft.	100 0 0
Fullers bottoms	23	1-1' to 5'	Serviceable	0 8 0 each	11 8 0	
Gauges, enamelled	4	1-1' to 6'	Ditto	3 0 0 "	12 0 0	
Glass helmets	5	" belting	Ditto	0 6 0 "	2 0 0	
Hooks and eyes	11			0 1 0 "	0 11 0	
Lead, pig	md. s. c.					
Oil, fish	6 0 0					
Pedestals, cast iron	0 26 0	For small waggons	Ditto	3 0 0 md.	18 0 0	
	27 0 0		Old	15 0 0 "	10 0 0	
Packing, pistons	0 1 12	" Pumps	Serviceable	2 0 0 "	54 0 0	
Paint, blue powder	1 13 0			0 3 0 each	0 5 0	
Rozin, black	6 24 0			0 2 0 "	6 10 0	
Rivets, copper	0 8 0			5 0 0 per md.	33 0 0	
" and washers	0 36 0			2 0 0 per seer	16 0 0	
Shellac	1 5 0			0 8 0	18 0 0	
Stone pillars	500	For boundary	Good	1 0 0 per seer	45 0 0	
Sulphur	md. s. c.		Serviceable	0 6 0 each	187 9 0	
Spring, rubber	2 38 0					
Shots for piles	5	For trolley	Good	10 0 0 per md.	30 0 0	
Stone, red Agra	48	" pile bridge	New	10 0 0 each	50 0 0	
Do.	115	In small pieces 0-7.5 feet each	Serviceable	4 0 0 "	192 0 0	
Do.	297	Average 15 c. feet each piece		1 4 0 perc. ft.	144 0 0	
Do.	800	63 pieces 3'-6" x 2'-9" x 12" and some pieces about 4 c. feet.		1 0 0 "	297 0 0	
Do.	400	10 pieces 2'-9" x 17" x 12" each		1 8 0 "	1,200 0 0	
Tubes, boiler brass	11 mds.	Average pieces about 4 c. feet each		0 12 0 "	300 0 0	
Washers round	md. s. c.	8'-7" Loco. Engine		7 8 0 per md.	82 8 0	
Wheels 23"	0 15 0	Cast iron axle box wants turning	New	5 0 0 "	2 0 0	
	2 pairs,			8 0 0 each	16 0 0	
Wheels and axles 18" diameter,	160	Metric gauge all more or less worn out...	Old	3 4 3	521 0 0	
Ditto 12" do.	40	Ditto ashlar carts	Serviceable	2 0 0 "	80 0 0	
Ditto 12" do.	2	2 gauge	Ditto	2 0 0 "	4 0 0	
Ditto 12" do.	7 pairs	Broad gauge	Ditto	2 0 0 "	14 0 0	
Ditto 33" do.	7	For narrow gauge	Ditto	100 0 0 "	700 0 0	
Ditto 33" do.	1	" broad gauge	Slightly worn out	20 0 0 "	20 0 0	
Ditto 36" do.	2	" waggons	New	50 0 0 "	100 0 0	

List of Surplus Materials and Tools and Plant in the Irrigation Department of the North-Western Provinces and Oudh, available for transfer—(continued).

Name.	Quantity or number available.	Description or locality.	Condition.	Value.		Remarks.
				Rate.	Amount.	
1	2	3	4	5	6	7
Mortar mill stones Ditto	16 12	On Cawnpore Branch " Bewar Branch	Good Do.		Rs. a. p.	
1st Sub-Division.						
Hammers, large Ditto small Kudals, large Wedges Gong with water clock Evaporation gauges	189 179 456 62 1 2	Main Canal Inspection house Ditto ditto Ditto ditto Bahosi godown... Ditto	Useful Do. Do. Do. Good Do.	Not known		
2nd Sub-Division.						
American bush scythes Pumps, Roorkee pattern Pile Engines Country Jham Boxes, Taps and Dies	3 2 2 1 2	At Cawnpore Ditto Ditto Ditto At Jagatpur, pargana Shiurajpur, zila Cawnpore.	Require repair Old			

(8)

List of Surplus Materials and Tools and Plant in the Irrigation Department of the North-Western Provinces and Oudh, available for transfer—(concluded).

Name of Materials.	Quantity or number available.	Description.	Condition.	Value.		Remarks.
				Rate.	Amount.	
1	2	3	4	5	6	7
Bullock machine with cast iron bench. Circular saws for above (2) 2½' (1) 4'. Winches, crab Pile engine with iron driver Trucks Double action pump Rock drilling machine	1 3 12 1 10 1 1	Sawing machine worked by bullock power. Ditto Double purchase Narora pattern For carrying stone Roorkee pattern Ditto	Working order Ditto Repairable Ditto Ditto Fair Working order	Rs. a. p. 500 0 0 10 0 0 70 0 0 200 0 0 298 0 0 300 0 0 424 0 0	Rs. a. p. 500 0 0 30 0 0 840 0 0 200 0 0 2,980 0 0 300 0 0 424 0 0	
		AGRA CANAL. (At Okhla, 9 miles from Delhi.)				
Portable Crane Pairs of wagon wheels Bulls' Dredgers Single, purchase crabs Country Jhams Lathe Crowbars Jumpers	1 36 10 2 15 1 100 100	2 Tons Iron wheels... 2½ cubic feet capacity Ordinary type Ditto For wood work Ditto Under 5½ feet	Good Repairable Fair Good Do. Do. Worn Do.	600 0 0 13 8 0 65 0 0 125 0 0 8 0 0 264 0 0 4 0 0 7 0 0	600 0 0 486 0 0 650 0 0 250 0 0 120 0 0 264 0 0 400 0 0 700 0 0	
		BETWA CANAL. (Orai, Indian Midland Railway.)				

ALLAHABAD,

The 4th August 1890.

C. W. I. HARRISON, Lt.-Col., R. E.,

Chief Engineer.

(9)

5/2437

Pw Recd
8536/90

6
2437

No. 2788 I. of 1890.

GOVT., N.-W. P. AND OUDH,
PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

DATED ALLAHABAD, THE 3rd ~~Sept~~ ^{Aug} 1890.

To

*The Secy. to the Govt., Madras.
P.W. Department.*

SIR,

WITH reference to the orders contained in Government of India, Public Works Department, Circular No. XI-P.W., dated the 20th December 1887, I am directed to forward herewith a printed list of surplus materials and Tools and Plant in the Irrigation Department of these provinces, available for transfer, and to request that if any of the articles therein mentioned are required, the Executive Engineer concerned may be addressed on the subject.

I have the honor to be,

SIR,

Your most obedient servant,

H. J. J. J.

Assistant Secretary.

4 spare copies.

No. 2437 Wa/11 Sept. 1890

P.W. C. 85365

Communicated
to the Suptg. Engineer
to the Suptg. Engineer
V circle
V circle

10.9.90

Ad 10-9-90
Lic 174581

No. 2437 Wa/11 Sept. 1890

To
S. E. V circle
S. E. V circle
Chief Engineer for Design
Chief Engineer for Design
10.9.90