No 1116 · 14·6·80
No 2684 W.D. 21·10·79.
19-2-97.

P.W.D.
14 MAY 80
No [illegible]

G.O. No
1921

From,

The Suptt of Works
Presidency.

B.r.-1921 W - 3-8-81

No. 619

Dated 13th
Recd } May 1880.

Stock Articles in the stores of the Presidency Divn. —

Informs that steps are being taken towards the disposal of the —

Entd. in Receipt Regr.

No. 619

MADRAS,
Chepauk, 13th May 1880.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

The Chief Engineer,
D. P. W.

Sir,

Enclosures.

With reference to your Circular No 1116 d/. 14th April 1880, I have the honor to inform you that the necessary steps are being taken towards the disposal of the Stock Articles in the Stores of this Division, and the report required in para 6 of your Circular will be submitted in due course. I request your instructions regarding the disposal of the articles appertaining to the Gas Apparatus at present in the Stores of this Division.

I have the honor to be
Sir,
Your most obedt. servant,
[illegible] Vibart Major R.E.
Supdt of Works

[illegible]

19-2-57.

1880
Dated 4th March
No 51
From Supdt
Gas Works
Fort St George
To
Executive Engineer
Presidency Divn
Enclosures 1
Reference. His letter No 4772. Dated 24th Feby 1880

Stating that the Supdt Gas Works is not in charge of Ex Engr Works, & Stores belonging thereto, and forwarding inventory of Gas Stores in his charge

1921
3.8.87

2/1616/80-

Office of Chemical Examiner
4th March 1880

No 51

P.W.D.
24MAR80
No 2087
27

From

The Superintendent
Government Gas Works

To

The Executive Engineer
Presidency Division

11d
5/3/80
Lep

Sir

With reference to your letter No 4772 dated 24th February last, I have the honor to enclose a list of articles in store, under the charge of the Superintendent Gas Works. No record can be discovered as to the prices originally paid for most of these stores which are of very various characters. The cost of the supply of Cannel Coal and of the spare retorts, is known and has been given accordingly.

2 With regard to the Extension Works and the large supply of stores which I hear exists in connection with them, I can afford no information whatever as they have never been in the charge of the Superintendent of the Gas Works.

3 With respect to the question as to the present condition of the "Gas scheme", it appears that so far

as can be ascertained from the letter book, that with the exception of G. O. No 1020 dated 13th October 1877 directing Mr Executive Engineer Faulkner, to draw up a report, as to the cost of Gas per 1000 Cubic feet, nothing has been done since G. O. No 1163 dated 5th April 1877, was issued by Government upon the receipt of information, that Rupees 500 would be required to execute some preliminary examinations as to the condition of main, branch and communication pipes of the Extension Works.

I have the honor to be
Sir
Your Obedient Servant
J K Rogers. MB. FRCS
Supt Govt Gas Works

Stock Register of the Presidency Division for the half year ending 30th September 1880

Class	Name of Articles	Balance brought over	Receipts							Issues							Balance as per this Return	Balance on the 1st October 1880 as counted	Value as per present rates		Value adjusted to coincide with amount of Ledger Balance		Remarks
			April	May	June	July	August	September	Total	April	May	June	July	August	September	Total			Rate	Amount	Rate	Amount	
	Wrought Iron pipe 1" diar. Rft.	1108	"	"	"	"	"	"	1108	"	"	1108	"	"	"	1108							Transferred to P. W. Stores
	Do Elbow	14	"	"	"	"	"	"	14	"	"	14	"	"	"	14							Do
	Do T Pipe	3	"	"	"	"	"	"	3	"	"	3	"	"	"	3							Do
	Union Joints	18	"	"	"	"	"	"	18	"	"	18	"	"	"	18							Do
	Wrought Iron Railings Rft.	69¼	"	"	"	"	"	"	69¼	"	"	69¼	"	"	"	69¼							Do
	Stand cock	4	"	"	1	"	"	"	5	"	"	4	"	"	"	4	1	1	49 " 2	49 " 2			4 - Do
	Flat Iron 3½×⅝ ~~lbs~~	582	"	"	"	"	"	"	582	"	"	582	"	"	"	582							
	Round Iron 1" Do	2310	"	"	"	"	"	"	2310	"	"	30 2280	"	"	"	2310							2280 lbs Do
	Iron barred Window frame 6×4	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	18 13 6	131 14 6			
	Window frame without Iron bars 6×4	15	"	"	"	"	"	"	15	"	"	"	"	"	"	"	15	15	10 4 3	154 " "			
	Iron barred Window frame 6×5	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	13 " "	26 " "			
	Venetian Window frames 5⅝×2 Pairs	28	"	"	"	"	"	"	28	"	"	"	"	"	"	"	28	28	9 1 8	254 14 8			
	Circular fan light	22	"	"	"	"	"	"	22	"	"	22	"	"	"	22							Sold by Public Auction
	Do Do	9	"	"	"	"	"	"	9	"	"	9	"	"	"	9							
	29 Granite Stones of different Sizes Cft.	446	"	"	"	"	"	"	446	"	"	"	"	"	"	"	446	446	" 7 8	213 11 4			
	Corrugated Iron Sheets	979³	"	"	"	"	"	"	979³	"	"	979³	"	"	"	979³							Transferred to P. W. Stores
	Do Ridging Rft.	150	"	"	"	"	"	"	150	"	"	150	"	"	"	150							
	Pannelled Shutters Sft.	239½	"	"	"	"	"	"	239½	"	"	"	"	"	"	"	239½	239½	" 5 11½	89 3 "			
	Iron barred Door frame	1	"	"	"	"	"	"	1	"	"	1	"	"	"	1							Do
	Iron boiler Sheets lbs	185½	"	"	"	"	"	"	185½	"	"	185½	"	"	"	185½							Sold by Public Auction
	Ridge Ventilators	1	"	"	"	"	"	"	1	"	"	1	"	"	"	1							
	Casurina Post	16	"	"	"	"	"	"	16	"	"	"	"	"	"	"	16	16	4 " "	64 " "			
	Side bording Sft.	150	"	"	"	"	"	"	150	"	"	150	"	"	"	150							Do
	Granite Stone Cft.	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	" 14 "	5 4 "			
	Teak wood frames of Wilson Cft.	15-11⅞"	"	"	"	"	"	"	15-11⅞"	"	"	"	"	"	"	"	15-11⅞"	15-11⅞"	2 5 3	37 4 7			
	Hemp Rope Rft.	120	"	"	"	"	"	"	120	"	"	"	"	"	120	120							Sold by P. Auction
	Speaking Tubes mouth pieces	3	"	"	"	"	"	"	3	"	"	"	"	"	3	3							Do
																	Total Rupees			1025 4 3			

Office of Supdt. of Works.
Chepauk 6th November 1880

[illegible]
Storekeeper

Major R.E.
Superintendent of Works Presidency

P.W.D.
8NOV80
№

P.W.D.
8NOV80
№

[Ext. Wks. Form No. 472.]

[2nd Inner Sheet.]

September 1880
Assistant Engineer, Bangalore.

N.B.—This space should not be written upon as it is required for filing.

Issues.							Balance on		Explanation of Differences and Remarks.
April	May	June	July	August	September	Total.	As per this Return.	As actually counted.	
"	"	"	"	"	"	"	1	1	
"	"	"	"	"	"	"	2	2	
"	"	"	"	"	"	"	2	2	
"	"	"	"	"	"	"	1	1	
"	"	"	"	"	"	"	2	2	

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore.

Class	Item No.	Names of Articles	Correct Balance brought over	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	31	Compasses, Brass, 5 inches ...																		
	32	Do. do. 4 do.																		
	33	Current, Meters																		
	34	Curves, French	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	35	Eidographs ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	36	Glasses, Sand, Minute																		
	37	Do. Tracing, large ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	38	Do. do. small ...																		
	39	Horizons, Artificial ...																		
	40	Hydrometers for testing liquids lighter than water ...																		
	41	Do. do. heavier than water...																		
	42	Do. glass, Dralles and Bœmie																		
	43	Levelling Instruments Y, 20 inches ...																		
	44	Do. do. 18 do. ...	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	45	Do. do. 15 do. ...																		
	46	Do. do. 14 do.																		
	47	Do. do. 12 do.																		
	48	Do. do. 11 do.																		
	49	Do. do. 10 do.																		
	50	Do. Instruments, Dumphy, 15 inches																		
	51	Do. do. do. 14 do.																		
	52	Do. do. do. 12 do.																		
	53	Do. do. do. 10 do.																		
	54	Do. do. Troughton's Improved 14 inches ...																		
	55	Do. second class ...																		
	56	Level, Spirit ...																		
	57	Mathematical Instrument Box, 1st size	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	58	Do. do. do. 2nd do.	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	Almost empty
	59	Do. do. do. 3rd do.																		
	60	Do. do. Case, Fish Skin, large ...																		
	61	Do. do. small																		

N.B.—This space should not be written upon as it is required for filing.

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[Ext. Wks. Form No. 172, B.]

[4TH INNER SHEET.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore

				RECEIPTS.							ISSUES.							BALANCE ON		
Class	Item No.	Names of Articles.	Correct Balance brought over.	April	May	June	July	August	September	Total.	April	May	June	July	August	September	Total.	As per this Return.	As actually counted.	EXPLANATION OF DIFFERENCES AND REMARKS.
Scientific Instruments and Drawing Materials.	62	Meters, Road																		
	63	Do. Sea Current																		
	64	Needles, Magnetic																		
	65	Object Glasses of sizes, from 8 to 24 inch for Levels and Theodolities...																		
	66	Parallel Glasses for Horizon and Index Reflectors																		
	67	Pens, Drawing																		
	68	Do. Circular Ruling, with box of wheels ...																		
	69	Do. Road																		
	70	Do. Sweep																		
	71	Do. Feeders																		
	72	Perambulators, Europe	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	73	Do. Country																		
	74	Pentagraphs	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	75	Planimeter																		
	76	Plane Tables																		
	77	Protractors, Ivory, 12 inches																		
	78	Do. do. 8 do.																		
	79	Do. Brass, Circular ..	4.	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	80	Do. do. do. with points																		
	81	Do. do. Semi-circular ...																		
	82	Do. do. do. plain...																		
	83	Do. Ivory, Rolling, 12 inches...																		
	84	Do. do. 8 do. ...																		
	85	Do. do. 6 do. ...																		
	86	Pinion, Brass																		
	87	Qudrants, Gunner's Ghât Tracing																		
	88	Ranging Rods																		
	89	Rules, Parallel, Ebony Rolling, 24 inches ...																		
	90	Do. do. do. 18 do. ...																		
	91	Do. do. do. 15 do. ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	

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[Exr. Wks. Form No. 472, C.]

[5th Inner Sheet.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	92	Rules, Parallel, Ebony, Rolling, 12 inches ...	2	″	″	″	″	″	″	2	″	″	″	″	″	″	″	2	2	
	93	Do. do. do. 9 do. ...																		
	94	Do. do. do. 6 do. ...																		
	95	Do. do. Sliding, 24 do. ...	1	″	″	″	″	″	″	1	″	″	″	″	″	″	″	1	1	
	96	Do. do. do. 18 do. ...																		
	97	Do. do. do. 15 do. ...	1	″	″	″	″	″	″	1	″	″	″	″	″	″	″	1	1	
	98	Do. do. do. 12 do. ...																		
	99	Do. do. do. 9 do. ...																		
	100	Rules, Parallel, Ebony, Rolling, Ivory-edged, 18 inches ...																		
	101	Do. do. Brass, Rolling, 24 inches.	2	″	″	″	″	″	″	2	″	″	″	″	″	″	″	2	2	
	102	Do. do. do. 18 do.																		
	103	Do. do. do. 15 do.																		
	104	Do. do. do. 12 do.	2	″	″	″	″	″	″	2	″	″	″	″	″	″	″	2	2	
	105	Do. do. Sliding 24 do.																		
	106	Do. do. do. 18 do.																		
	107	Do. do. do. 15 do.																		
	108	Do. do. do. 12 do.																		
	109	Do. do. do. 9 do.																		
	110	Do. do. Electrum Sliding 18 do.																		
	111	Do. do. do. 13 do.																		
	112	Rules, Folding, Boxwood, 3 feet 9 inches joint ...																		
	113	Do. do. do. 2 feet ~~6 inches joint~~ ...	5	″	″	″	″	″	″	5	″	″	″	″	″	″	″	5	5	One broken
	114	Do. Brass, Gunter's, 2 feet ...																		
	115	Do. Slide, Boxwood, single ...																		
	116	Do. do. do. double ...																		
	117	Rain Gauges, Europe																		
	118	Do. do. Bottles																		
	119	Do. do. Tin																		
	120	Racks, Brass, of Sizes																		
	121	Salinometer																		
	122	Sextants, Pocket...	1	″	″	″	″	″	″	1	″	″	″	″	″	″	″	1	1	

N.B.—This space should not be written upon as it is required for filing.

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[Exr. Wks. Form No. 472, D.]

[6th Inner Sheet.]

HALF YEAR ENDING 30th September 1880.

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	123	Sextants large																		
	124	Scales, Marquois, Electrum																		
	125	Do. do. Boxwood	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	126	Do. Plotting, Standard, Electrum with Offsets																		
	127	Do. do. Boxwood	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	128	Do. do. with Offsets	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	129	Do. Holtzapffel, Card Board	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	130	Do. do. do.																		
	131	Do. Boxwood, 1 & 2 miles to the inch divided decimally	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	132	Do. Card Board, decimally divided																		
	133	Do. Boxwood do.																		
	134	Do. Ivory																		
	135	Straight Edge, Brass, 3 feet	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	136	Do. do. Ebony, 3 feet																		
	137	Do. do. do. Brass edged, 3 feet																		
	138	Squares, Optical, 42 inches																		
	139	Do. T, 42 do.																		
	140	Do. do. 36 do.	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	141	Do. do. 30 do.																		
	142	Do. do. 24 do.	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	143	Do. do. 20 do.																		
	144	Staves, Levelling Gravatt's pattern																		
	145	Do. do. Telescopic	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	146	Semi-circle, Reflecting																		
	147	Stand and Staves for Ghât Tracing Instrument																		
	148	Tapes, measuring, 100 feet																		
	149	Do. do. 75 do.																		
	150	Do. do. 50 do.																		
	151	Do. Metallic, measuring 100 feet	9	"	"	"	"	"	"	9	"	"	"	"	×1	"	1	8	8	× Lost, & the Value recovered, 8 [illegible]
	152	Do. do. 50 feet	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	3 do.
	153	Theodolite, 7 inches																		

N.B.—This space should not be written upon as it is required for filing.

N.B.—This space should not be written upon as it is required for filing.

[Exr. Wks. Form No. 472, E.]

[7th Inner Sheet.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore

Class	Item No.	Names of Articles	Correct Balance brought over	Receipts. April	May	June	July	August	September	Total	Issues. April	May	June	July	August	September	Total	Balance on As per this Return	As actually counted	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials	154	Theodolite, 6 inches ...																		
	155	Do. 5 inches and 5½ inches ...																		
	156	Do. Transit, large ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	157	Do. do. small	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	158	Thermometer, maxm. Self-registering.																		
	159	Do. Minim. do.																		
	160	Do. Standard ...																		
	161	Do. Small ...																		
	162	Tubes, glass, for Mountain Barometer.																		
	163	Do. do. for Marine ...																		
	164	Telscopes, Terrestrial, large ...																		
	165	Do. do. small																		
	166	Trammels ...																		
	167	Thermometer not registering ...																		
	168	Tubes, Glass, in brass ...																		
	169	Do. do. for Quadrant Gunners ...																		
	170	Boards Drawing	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	171	Color Box 1st Sort	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	1 Empty
	172	Do. 2d Sort	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	173	Do. with Moist Color	11	"	"	"	"	"	"	11	"	"	"	"	"	"	"	11	11	10 Do.
	174	Compass prismatic with Stand	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	175	Curves Railways	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	176	Rules parallel ebony Sliding 1-5"	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	177	Saucers for mixing colors	9	"	"	"	"	"	"	9	"	"	"	"	"	"	"	9	9	
	178	Straight edges brass graduated 3 feet	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	179	Do. 2 feet.	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	

N.B.—This space should not be written upon as it is required for filing.

N.B.—This space should not be written upon as it is required for filing.

[Exr. Wks. Form No. 472, F.]

[8th Inner Sheet.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore

Class	Item No.	Names of Articles	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total	Issues. April	May	June	July	August	September	Total	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Machinery.	1	Apparatus, Water-warming ...																		
	2	Do. Boring																		
	3	Do. Artesian																		
	4	Boiler flue, Steam, Cornish, 12 H.P. ...																		
	5	Belts, Leather, for Pumps																		
	6	Crabs, single																		
	7	Do. double																		
	8	Do. to lift from 1 to 5 tons ...																		
	9	Do. do. 5 to 10 do. ...																		
	10	Do. do. 10 to 15 do. ...																		
	11	Cranes, Portable, to lift 1 ton ...																		
	12	Cranes to lift 2 tons iron works ...																		
	13	Do. 3 tons																		
	14	Do. 5 tons																		
	15	Engine, Steam, 6 H.P.																		
	16	Do. do. 4 H.P.																		
	17	Do. do. 10 H.P.																		
	18	Do. do. 40 H.P.																		
	19	Fire Engine with Suction Hose complete																		
	20	Force Pump, large																		
	21	Do. do. small																		
	22	Gauges, Steam, 60 lbs. pressure ...																		
	23	Do. do. 100 lbs. do. ...																		
	24	Do. do. 150 lbs. do. ...																		
	25	Do. Vacuum																		
	26	Lathes, Turning, 8 inches																		
	27	Do. do. 7 do.																		
	28	Do. do. 6 do.																		
	29	Machine, Engraving, with letter G.B.																		
	30	Do. Tile making, Clayton's ...																		
	31	Mills, Pug, for do. ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	Not in good order, incomplete & unserviceable
	32	Machine, Planing, wood																		

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N.B.—This space should not be written upon as it is required for filing.

[Exr. Wks. Form No. 472, G.]

HALF YEAR ENDING 30" September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.						Total.	Issues.						Total.	Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	September		April	May	June	July	August	September		As per this Return.	As actually counted.	
Machinery	33	Machine Tenoning																		
	34	Do. Mortising																		
	35	Do. Punching																		
	36	Do. Rope making																		
	37	Do. Steam Hammer with Donkey Engine																		
	38	Do. to weigh 1 ton																		
	39	Do Pile-driving																		
	40	Do. Hand Drilling																		
	41	Do. Planing, Iron																		
	42	Do. Stone-breaking																		
	43	Do. Circular dividing																		
	44	Do. Straight Lines dividing																		
	45	Pumps for 6 H.P.																		
	46	Pipes 6 feet for Pumps																		
	47	Do. 9 do. for do.																		
	48	Do. for Pumps, Hand, 3 inches																		
	49	Pump, 9 inches																		
	50	Do. Portable, double																		
	51	Pipes, Brass, for Water Gauge, Glass																		
	52	Do. and Funnels for Gauge Cocks																		
	53	Pumps Force, small for testing boiler																		
	54	Pipes for Gauge Cocks																		
	55	Screw Jacks, Halleys 2 tons	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	56	Screw Jacks, Halleys, 4 tons	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	57	Do. do. 6 do.																		
	58	Do. do. 8 do.																		
	59	Do. do. 12 do.																		
	60	Do. Ratchet 2 feet																		
	61	Do. Windlass, 2 do.																		
	62	Slide-rest for 8 inch lathe																		
	63	Do. do.																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Machinery.	64	Slide-rest for 6 inch lathe ...																		
	65	Wind Mill, 4 H. M., with pumps ...																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.							Issues.							Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	September	Total.	April	May	June	July	August	September	Total.	As per this Return.	As actually counted.	
Tools and Plant.	1	Anvils, Ironsmith's ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	2	Axes, Pick	371	"	"	"	"	"	"	371	"	"	"	"	"	"	"	371	371	
	3	Do. Broad ...																		
	4	Do. Hand ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	5	Do. Felling ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	6	Adzes, Iron, Carpenter's ...																		
	7	Augers, Iron, Spiral ...	5	"	"	"	"	"	"	5	"	"	"	"	"	"	"	5	5	
	8	Do. do. of sizes																		
	9	Awls, Broad, of sizes ...	9	"	"	"	"	"	"	9	"	"	"	"	"	"	"	9	9	
	10	Beams, Scales, Iron																		
	11	Beams for Scales, Copper ...																		
	12	Bellows, Forge, Europe ...																		
	13	Do. Moulders of sizes ...																		
	14	Blocks, Iron, with Brass Sheaves, single																		
	15	Do. do. double																		
	16	Do. do. treble ...																		
	17	Do. wooden, single ...	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	
	18	Do. do. double ...	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	19	Do. Iron, galvanized, with sheaves, single ...																		
	20	Do. do. do. double ...																		
	21	Do. do. do. treble ...	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	22	Do. do. to lift 10 tons, double ...																		
	23	Do. do. do. treble ...																		
	24	Blocks, Iron, snatch, for 4½-inch rope																		
	25	Do. do. with 7-inch sheaves, double ...																		
	26	Do. do. do. treble ...																		
	27	Blocks, Wooden, Snatch ...																		
	28	Do. Iron, galvanized 12 inches, single ...																		
	29	Do. wooden do. double ...																		
	30	Do. do. treble ...																		
	31	Belts, Leather																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant	32	Bars, Tamping, ~~Brass~~ Copper	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	33	Borers, hand	"																	
	34	Braces, Iron smiths, with 3 bits	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	35	Do. Ratchet, with bits, small	"																	
	36	Bevils, Carpenter's, 12 inches, steel blade	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	37	Burnishers, Oval, five to a set																		
	38	Balance, Spring, for boiler use, 150 lbs																		
	39	Brushes, Wire																		
	40	Crowbars	37	"	"	"	"	"	"	37	"	"	"	"	"	"	"	37	37	15 Unserviceable
	41	Chains for scales, eight per set																		
	42	Do. Iron																		
	43	Chisels, Carpenter's Firmer	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	2 Do
	44	Do. do. Martise	9	"	"	"	"	"	"	9	"	"	"	"	"	"	"	9	9	1 Broken
	45	Do. do. Socket	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	46	Compasses, Carpenter's	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	47	Do. Caliber, with sweeps																		
	48	Caliber with screws																		
	49	Do. without screws																		
	50	Clips, Iron, for stone or timber																		
	51	Cramps, Bench	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	52	Chisels, Cold																		
	53	Cocks, Bath, round way with lever and plate																		
	54	Do. Stop, square way																		
	55	Dies, Standard, He and She, Wit worth																		
	56	Files, half round, rough																		
	57	Files, round, bastard																		
	58	Do. smooth																		
	59	Files, flat, bastard, with round edge																		
	60	Files, flat, smooth	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	61	Files, flat, dead smooth																		
	62	Files, flat, safe edge, smooth																		
	63	Files, flat, rough																		

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HALF YEAR ENDING 30th September /80

Balance Return of Tools and Plant under charge of the A/Assistant Engineer Bangalore

Class	Item No.	Names of Articles	Correct Balance brought over	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	64	Files, half round, bastard...																		
	65	Files, half round, smooth ...	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	66	Files, half round, rough...																		
	67	Do. do. dead smooth ...																		
	68	Files, round, smooth ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	69	Files, round, rough ...																		
	70	Do. square, rough ...																		
	71	Do. 3 square, dead smooth	6	"	"	"	"	"	"	6	"	"	"	—	—	—	—	6	6	
	72	Do. do. smooth ...																		
	73	Do. do. bastard ...																		
	74	Do. do. rough ...																		
	75	Do. gulleting ...																		
	76	Do. Watch-maker's of sizes																		
	77	Do. Engraver's, of sorts...																		
	78	Do. Pit, Saw ...	5	"	—	—	—	—	—	5	—	—	—	—	—	—	—	5	5	
	79	Do. Saw, hand ...																		
	80	Do. do. tennon ...																		
	81	Facing or surface plate ...																		
	82	Forges, Smith's portable, large	1	"	"	"	—	—	—	1	—	—	—	—	—	—		1	1	
	83	Gouges, Carpenter's, ⅛ of an inch to 1½ inches to a set...																		
	84	Do. Carpenter's socket of sizes	9	—	—	—	—	—	—	9	—	—	—	—	—	—	—	9	9	
	85	Do. do mortise																		
	86	Do. do. common																		
	87	Gimlets, of sizes, 6 to a set No.	10	—	—	—	—	—	—	10	—	—	—	—	—	—	—	10	10	
	88	Hammers, Sledge ...	4	—	—	—	—	—	—	4	—	—	—	—	—	—	—	4	4	
	89	Do. Hand ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	
	90	Do. Wedge ...																		
	91	Do. Adjusting ...																		
	92	Do. Screw Wrench ...																		
	93	Do. Stone-cutting, axe-faced, 14 lbs. ...																		
	94	Do. Boring ...																		

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HALF YEAR ENDING 30th September /80

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Septr	Total.	Issues. April	May	June	July	August	Septr	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	95	Hammers, Claw	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	Broken
	96	Do. Rivetting																		
	97	Do. Tacks																		
	98	Do. Stone-breaking	87	"	"	36	"	"	"	123	"	"	"	"	"	"	"	123	123	
	99	Hooks, Bill, Europe, 2½ lbs. ...																		
	100	Iron for Planes 2½ lbs.																		
	101	Jumpers																		
	102	Knives, Drawing																		
	103	Ladle for Pitch	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	104	Mamooties	426	"	"	"	"	"	"	426	"	"	"	"	"	"	"	426	426	
	105	Mattocks																		
	106	Measures for Gallons, Imperial, 7 to set.																		
	107	Nippers, Iron Smith's	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	108	Needles, Priming Copper, 4 feet																		
	109	Picks, Quarry, 8 lbs.	12	"	"	"	"	"	"	12	"	"	"	"	"	"	"	12	12	
	110	Punches, Stone-cutter's																		
	111	Plate, Screw, with Taps P. 4 39 ...																		
	112	Planes, Jointer's	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	113	Do. Jack	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	
	114	Do. Trying	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	
	115	Do. Smoothing	3	—	—	—	—	—	—	3	—	—	—	—	—	—	—	3	3	
	116	Do. Long ... 2 feet	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	
	117	Do. Plough, with 8 Irons ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	With 2 Irons
	118	Do. Phillister																		
	119	Do. Round sole																		
	120	Do. Rabetting	1	—	—	—	—	—	—	1	—	—	—	—	—	—	"	1	1	
	121	Do. Hollowing																		
	122	Do. Grooving																		
	123	Do. Bead	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—	2	2	
	124	Do. O. G. and Bead																		
	125	Pots, Glue, Copper																		
	126	Pipes, Bend, Socket, 6 inches																		

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HALF YEAR ENDING 30th September /80

Balance Return of Tools and Plant under charge of the Assistant Engineer, Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Septr.	Total.	Issues. April	May	June	July	August	Septr.	Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	95	Hammers, Claw	2	„	„	„	„	„	„	2	„	„	„	„	„	„	„	2	2	Broken
	96	Do. Rivetting																		
	97	Do. Tacks																		
	98	Do. Stone-breaking	87	„	„	36	„	„	„	123	„	„	„	„	„	„	„	123	123	
	99	Hooks, Bill, Europe, 2½ lbs. ...																		
	100	Iron for Planes 2½ lbs.																		
	101	Jumpers																		
	102	Knives, Drawing																		
	103	Ladle for Pitch	2	„	„	„	„	„	„	2	„	„	„	„	„	„	„	2	2	
	104	Mamoties	426	„	„	„	„	„	„	426	„	„	„	„	„	„	„	426	426	
	105	Mattocks																		
	106	Measures for Gallons, Imperial, 7 to set.																		
	107	Nippers, Iron Smith's	4	„	„	„	„	„	„	4	„	„	„	„	„	„	„	4	4	
	108	Needles, Priming Copper, 4 feet ...																		
	109	Picks, Quarry, 8 lbs.	12	„	„	„	„	„	„	12	„	„	„	„	„	„	„	12	12	
	110	Punches, Stone-cutter's																		
	111	Plate, Screw, with Taps P. 4 39 ...																		
	112	Planes, Jointer's	3	„	„	„	„	„	„	3	„	„	„	„	„	„	„	3	3	
	113	Do. Jack	7	„	„	„	„	„	„	7	„	„	„	„	„	„	„	7	7	
	114	Do. Trying	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	
	115	Do. Smoothing	3	—	—	—	—	—	—	3	—	—	—	—	—	—	—	3	3	
	116	Do. Long ... 2 feet	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	
	117	Do. Plough, with 8 irons ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	With 2 Irons
	118	Do. Phillister																		
	119	Do. Round sole																		
	120	Do. Rabetting	1	—	—	—	—	—	—	1	—	—	—	—	—	—	„	1	1	
	121	Do. Hollowing																		
	122	Do. Grooving																		
	123	Do. Bead	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—	2	2	
	124	Do. O. G. and Bead																		
	125	Pots, Glue, Copper																		
	126	Pipes, Bend, Socket, 6 inches ...																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Septr	Total.	Issues. April	May	June	July	August	Septr	Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	127	Pipes Socket, Cast Iron, 6 inches	21	"	"	"	"	"	"	21	"	"	"	"	"	"	"	21	21	
	128	Pliers																		
	129	Pincers, Carpenter's	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	130	Pliers, Cutting																		
	131	Rasps, half-round, for wood																		
	132	Rails, Iron, Bridge																		
	133	Riddles, Iron																		
	134	Do. Moulders' 6 to a set																		
	135	Saws, Circular	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	136	Do. Pit, 6 feet	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	
	136½	Do. Do. 7 Do.	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	
	137	Do. Hand	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	138	Do. Cross Cut																		
	139	Do. Ripper																		
	140	Do. Panel	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	141	Do. Tennon	2	"	"	"	"	"	"	2	"	o	o	o	o	o	o	2	2	
	142	Do. Dovetail	1	o	o	o	o	o	o	1	o	o	o	o	o	o	o	1	1	
	143	Do. Key-hole, with 5 spare blades																		
	144	Do. Sweep, small, without frames																		
	145	Do. Bow, for cutting metals																		
	146	Spare Blades for do.																		
	147	Saws, Compass																		
	148	Do. Set																		
	149	Stone Grinding, New Castle																		
	150	Do. do. Bilston																		
	151	Stone Grinding	2	o	o	o	o	o	o	2	o	o	o	o	o	o	o	2	2	
	152	Stocks with Taps and Dies to cut Screws																		
	153	Stocks with Taps and Dies for Iron Gass Pipes																		
	154	Shovels, Europe																		
	155	Spades	7	"	"	"	"	"	"	7	"	"	"	o	o	o	o	7	7	2 Broken
	156	Scrapers Iron	3	o	o	o	o	o	o	3	o	o	o	o	o	o	o	3	3	
	157	Spikes, Marline																		
	158	Scales, ~~Beam~~ Tripod with chain and platforms to weigh 5 cwt.	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	

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HALF YEAR ENDING 30 September 1880

Balance Return of Tools and Plant under charge of the Assistant Engr. Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Sept.	Total.	Issues. April	May	June	July	August	Sept.	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	159	Scales, wood																		
	160	Do. copper, with chain																		
	161	Do. Brass																		
	162	Do. do. to weigh 2,500 Rs. with stands																		
	163	Do. platform, Iron, with beam to weigh 10 cwt.																		
	164	Do. letter-weighing, with weights complete ½ to 16 Tolas ...	1	o	o	o	o	o	o	1	o	o	o	o	o	o	o	1	1	
	165	Stones, Oil, Turkey, in case ...	1	o	o	o	o	o	o	1	o	o	o	o	o	o	o	1	1	
	166	Do. do. do. without case ...																		
	167	Stones, Rag																		
	168	Do. Slab																		
	169	Spoke Shaves, Iron																		
	170	Squares, Carpenter's, steel blade ...	1	o	o	o	o	o	o	1	o	o	o	o	o	o	o	1	1	
	171	Do. Engineer's, Steel	1	o	o	o	o	o	o	1	o	o	o	o	o	o	o	1	1	
	172	Stink Traps																		
	173	Sieves, Brass																		
	174	Shears, Tin, Man, small																		
	175	Screws, Tools, Hand, from 6 to 100 threads to the inch ...																		
	176	Screens, Moulder's																		
	177	Syphons, copper																		
	178	Tools, Carpenter's, second class ...																		
	179	Do. Smith's																		
	180	Tools, Boring																		
	181	Do. Model-maker's																		
	182	Do. Miner's																		
	183	Do. Moulder's																		
	184	Do. Engraving																		
	185	Tongs, Fore, Bit																		
	186	Do. of sorts																		
	187	Do. Jewellers'																		
	188	Turn-screws	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	

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HALF YEAR ENDING 30th September/80

Balance Return of Tools and Plant under charge of the Assistant Engr. Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Septr.	Total.	Issues. April	May	June	July	August	Septr.	Total.	Balance on As per this Return.	As actually counted.	Explanation of Difference and Remarks.
Tools and Plant.	189	Turners, Groovers, with handle																		
	190	Turners point chisels																		
	191	Do. Carriers																		
	192	Trowels, large																		
	193	Do. small																		
	194	Tubes, iron, for 10 H. P. Boiler																		
	195	Do. Speaking, Zinc, ¾ inch																		
	196	Do. Brass, for Steam Boilers																		
	197	Do. Muntz, Metal for Boiler																		
	198	Do. Glass, spare, for water Gauge	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	
	199	Tanks, Iron, galvanized to hold 25 gallons, with brass cocks																		
	200	Taps and Dies for cutting Wood-screws.																		
	201	Vices, Standing																		
	202	Do. Bench																		
	203	Do. Hand																		
	204	Weights, Iron																		
	205	Do. Brass																		
	206	Weston's, Patent, differential Pulley Block	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	207	Augers Steel	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	
	208	Brace Carpenters with 26 Bits	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	209	Carts Hand	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	210	Do. Large Timber	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	211	Do. Water	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	212	Casks water	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	213	Chest Tools Carpenters with lock & Key & 1 Bag	1	"	"	"		"	"	1	"	"	"	"	"	"	"	1	1	
	214	Kettles for Asphalte large	5	"	"	"	"	"	"	5	"	"	"	"	"	"	"	5	5	Unserviceable
	215	Do. Small	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	
	216	Lantern	1	"	"	"	"	—	—	1	"	"	"	"	"	"	"	1	1	
	217	Ladders Ventrack	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	
	218	Do. Bamboos	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	219	Picks	19	"	"	"	o	o	o	19	"	"	"	"	"	×12	12	7	7	×12 Sold in Auction.
	220	Laddles Telescopic	1	"	"	"	o	o	o	1	"	"	"	"	"	"	"	1	1.	Broken in pieces.

N.B.—This space should not be written upon as it is required for filing.

N.B.—This space should not be written upon as it is required for filing.

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Assistant Engineer Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
	221	Lock Pad Iron	13	"	"	"	"	"	"	13	"	"	"	"	"	"	"	13	13	
	222	Do. Brass	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	223	Do. Do. Chubs	6	"	"	"	"	"	"	6	"	"	"	"	"	"	"	6	6	
	224	Mereal Iron	1	"	"	"	"	"	"	1	"	"	"	"	—	—	"	1	1	
	225	Mill Stones	19	"	"	"	"	"	3	22	"	"	"	"	"	"	"	22	22	
	226	Parah Measure Teakwood	5	"	"	"	"	"	"	5	"	"	"	"	"	"	"	5	5	
	227	Wedges Quarry Iron	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	228	Press Copying	1	"	"	"	"	"	"	1	"	"	"	"	—	—	"	1	1	
	229	Do. for Sanctioned Estimates	1	"	"	"	"	"	"	1	"	"	—	—	—	—	—	1	1	
	230	Privy Tub	1	"	"	"	"	"	"	1	"	—	—	—	—	—	—	1	1	
	231	Racks Iron	2	"	"	"	"	"	"	2	"	"	"	"	"	—	—	2	2	
	232	Rammers Cast Iron	86	"	"	"	"	"	"	86	"	"	"	"	—	—	—	86	86	
	233	Screens Iron for Jelly	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	1 Unserviceable
	234	Stones Rule 12"	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	235	Troughs Iron for Crowning Guns	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
Floating Plant.	1	Boats with top																		
	2	Budgerow																		
	3	Boats, Range																		
	4	Do. Small																		
	5	Do. Dredge																		
	6	Do. Spoil																		
	7	Do. Ferry																		
	8	Punts																		
	9	Steamers																		

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N.B.—This space should not be written upon as it is required for filing

HALF YEAR ENDING 30" September /80

Balance Return of Tools and Plant under charge of ~~the~~ Assistant Engr. Bangalore,

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	Receipts. May	Receipts. June	Receipts. July	Receipts. August	Receipts. Septr.	Receipts. Total.	Issues. April	Issues. May	Issues. June	Issues. July	Issues. August	Issues. Septr.	Issues. Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Office Furnitures.	1	Almirahs, large	5	"	"	"	"	"	"	5	"	"	"	"	"	"	"	5	5	
	2	Do. small,	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	3	Benches	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	4	Boxes, Teakwood																		
	5	Do. Dealwood																		
	6	Chairs, Armless	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	
	7	Do. with arms	15	"	"	"	"	"	"	15	"	"	"	"	"	"	"	15	15	
	8	Do. Deschamps																		
	9	Clock	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	10	Cash Chests, Iron	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	11	Do. Wooden	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	12	Desks, Office	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	13	Do. small																		
	14	Medicine Chests																		
	15	Pigeon holes	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	16	Press, Binding																		
	17	Punkahs																		
	18	Stands for cups																		
	19	Do. for record file																		
	20	Do. small, for books																		
	21	Steps																		
	22	Stools, Camp																		
	23	Shelves, Book																		
	24	Stamp Press																		
	25	Screen																		
	26	Tables, Drawing	7	"	"	"	"	"	"	7	"	"	"	"	"	"	"	7	7	
	27	Do. Camp, pieces	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	28	Do. Plane																		
	29	Do. without drawers	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	30	Do. with drawers	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	31	Do. with pigeon holes																		

N.B.—This space should not be written upon as it is required for filing.

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This is to Certify that the articles Shown in column as actually counted under the head Balance in the Return and the Stock on hand 30" September 1880 are correct.

6" November 1880

S. Perumangadum
Store Keeper

Major R.E.
Superintendent of Works Presidency

HALF YEAR ENDING 30th September/80

Balance Return of Tools and Plant under charge of the Assistant Engr Bangalore

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.						Total.	Issues.						Total.	Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	Septr		April	May	June	July	August	Septr		As per this Return.	As actually counted.	
Camp Equipage	1	Tents	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	

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Detail of Issues during the Half-year ending 30th September 1880

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	REMARKS.
Scientific Instruments & Drawing Materials	1	Tape measuring 100 feet (Metallic)	Lost	1	1	Value recovered
Tools & Plant	1	Tubs	Sold in auction	12	12	

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Detail of Issues during the Half-year ending

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	REMARKS.

N.B.—This space should not be written upon as it is required for filing.

P.W.D.
8NOV80
No [illegible]

[Exr. Wks. Form No. 470.]

Public Works Department, Madras.

Detail of Receipts during the Half-year ending 30th September 1880

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.
Tools and Plant	1	Crow-bars	Transferred from old Building Materials	30	30	
	2	Jumpers		6	6	
	3	Mamootees		3	3	
	4	Barrow wheel		1	1	
	5	Bull dredgers		3	3	
	6	Casurina poles		614	614	
	7	Iron Chain 360 ft		1	1	
	8	Do 230 ft		1	1	
	9	Rammers C-Iron		26	26	

Detail of Receipts during the Half-year ending

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	REMARKS.

N.B.—This space should not be written upon as it is required for filing.

[Ext. Wks Form No. 471.]

[1ST INNER SHEET.]

Detail of Receipts during the Half-year ending

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	REMARKS.

N.B.—This space should not be written upon as it is required for filing.

[Ext. Wks. Form No. 472.]

[2ND INNER SHEET.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Superintendent of works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	1	Anemometer																		
	2	Barometer, Aneroid																		
	3	Do. Mountain																		
	4	Books, Mathematical Tables, Hutton's.																		
	5	Do. Nautical Almanac																		
	6	Do. Hydraulic Formula, Stoddard's.																		
	7	Do. Instructions on Use of the Slide Rule																		
	8	Do. Tables for use of Hydrometer ...																		
	9	Do. Report on the Ganges Canal ...																		
	10	Battery, Galvanic																		
	11	Camera, Lucida																		
	12	Chain, Iron, measuring 100 feet ...	10	.	.	.	.	.	.	10	.	.	.	.	.	.	.	10	7	1 with Mr Nichales 1 Mr Rebiero I.O 1 Croopposawmy [illegible]
	13	Do. do. do. 50 do.																		
	14	Do. Brass, do. ~~40~~ 50 do. ...	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	1 Mr Rebiero I.O
	15	Do. Iron, Galvanized, measuring 100 feet																		
	16	Do. Iron, Galvanized, measuring 66 feet																		
	17	Do. Iron, Galvanized, measuring 50 feet																		
	18	Circumferenter with Telescope	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	1	
	19	Do. do. Vernier																		
	20	Do. small ...	3	.	.	.	.	.	.	3	.	.	.	.	.	.	.	3	3	
	21	Clinometers																		
	22	Compasses, Beam, large ...	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	
	23	Do. do. small ...	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	
	24	Do. Pocket ...																		
	25	Do. Proportional, large																		
	26	Do. Azimuth ...																		
	27	Do. Proportional, small	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	
	28	Do. Comprehensive ...	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	.	1 Lieutt Plummer Assitt Engr 1 Sergt Macintash I.O
	29	Do. Triangular																		
	30	Do. Brass, 6 inches																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.						Total.	Issues.						Total.	Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	September		April	May	June	July	August	September		As per this Return.	As actually counted.	
Scientific Instruments and Drawing Materials.	31	Compasses, Brass, 5 inches ...																		
	32	Do. do. 4 do. ...																		
	33	Current, Meters																		
	34	Curves, French	3	o	o	o	o	o	o	3	o	o	o	o	o	o	o	3	3	
	35	Eidographs ...																		
	36	Glasses, Sand, Minute ...																		
	37	Do. Tracing, large ...	1	o	o	o	o	o	o	1	o	o	o	o	o	o	o	1	1	
	38	Do. do. small ...	3	o	o	o	o	o	o	3	o	o	o	o	o	o	o	3	3	
	39	Horizons, Artificial ...																		
	40	Hydrometers for testing liquids lighter than water																		
	41	Do. do. heavier than water ...																		
	42	Do. glass, Dralles and Bœmie ...																		
	43	Levelling Instruments Y, 20 inches ...	2	o	o	o	o	o	o	2								2	1	1 Superintt of Prison
	44	Do. do. 18 do. ...	1	o	o	o	o	o	o	1								1	1	
	45	Do. do. 15 do. ...																		
	46	Do. do. 14 do. ...	1	o	o	o	o	o	o	1								1	o	1 Govind Row S.O
	47	Do. do. 12 do.																		
	48	Do. do. 11 do.																		
	49	Do. do. 10 do.																		
	50	Do. Instruments, Dumpy, 15 inches	2	o	o	o	o	o	o	2								2	o	{1 Coopoosawmy Moodr S.O {1 Soobramani Iyer S.O
	51	Do. do. do. 14 do.																		
	52	Do. do. do. 12 do.	4	o	o	o	o	o	o	4								4	1	{2 Mr Rebeiro {1 Mr Macintosh S.O
	53	Do. do. do. 10 do.																		
	54	Do. do. Troughton's Improved 14 inches ...																		
	55	Do. second class ...																		
	56	Level, Spirit	2	o	o	o	o	o	o	2								2	2	
	57	Mathematical Instrument Box, 1st size ...	2	o	o	o	o	o	o	2								2	1	1 with Condr Galvey
	58	Do. do. do. 2nd do.	1	o	o	o	o	o	o	1								1	o	1 Colonel Thomson
	59	Do. do. do. 3rd do.																		
	60	Do. do. Case, Fish Skin, large																		
	61	Do. do. small																		

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HALF-YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	Receipts. May	Receipts. June	Receipts. July	Receipts. August	Receipts. September	Total.	Issues. April	Issues. May	Issues. June	Issues. July	Issues. August	Issues. September	Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	62	Meters, Road																		
	63	Do. Sea Current																		
	64	Needles, Magnetic																		
	65	Object Glasses of sizes, from 8 to 24 inch for Levels and Theodolites																		
	66	Parallel Glasses for Horizon and Index Reflectors																		
	67	Pens, Drawing																		
	68	Do. Circular Ruling, with box of wheels																		
	69	Do. Road																		
	70	Do. Sweep																		
	71	Do. Feeders																		
	72	Perambulators, Europe																		
	73	Do. Country																		
	74	Pentagraphs	2							2								2	2	
	75	Planimeter	1							1								1	1	
	76	Plane Tables																		
	77	Protractors, Ivory, 12 inches																		
	78	Do. do. 8 do.																		
	79	Do. Brass, Circular																		
	80	Do. do. do. with points	1							1							1	1	1	
	81	Do. do. Semi-circular																		
	82	Do. do. do. plain																		
	83	Do. Ivory, Rolling, 12 inches																		
	84	Do. do. 8 do.																		
	85	Do. do. 6 do.																		
	86	Pinion, Brass																		
	87	Qudrants, Gunner's Ghât Tracing																		
	88	Ranging Rods																		
	89	Rules, Parallel, Ebony Rolling, 24 inches	1							1								1	1	
	90	Do. do. do. 18 do.	1							1								1	1	
	91	Do. do. do. 15 do.																		

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[Exr. Wks. Form No. 472, C.]

[5th Inner Sheet.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Sept	Total.	Issues. April	May	June	July	August	Sept	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	92	Rules, Parallel, Ebony, Rolling, 12 inches ...																		
	93	Do. do. do. 9 do. ...																		
	94	Do. do. do. 6 do. ...																		
	95	Do. do. Sliding, 24 do. ...																		
	96	Do. do. do. 18 do. ...																		
	97	Do. do. do. 13 do. ...																		
	98	Do. do. do. 12 do. ...																		
	99	Do. do. do. 9 do. ...																		
	100	Rules, Parallel, Ebony, Rolling, Ivory-edged, 18 inches ...																		
	101	Do. do. Brass, Rolling, 24 inches.	1							1								1	1	
	102	Do. do. do. 18 do.																		
	103	Do. do. do. 15 do.																		
	104	Do. do. do. 12 do.	6							6								6	3	1 Cooppoosawmy Mmdr 1 Sergt Mucintash 1 Condr Falvey
	105	Do. do. Sliding 24 do.																		
	106	Do. do. do. 18 do.																		
	107	Do. do. do. 15 do.																		
	108	Do. do. do. 12 do.																		
	109	Do. do. do. 9 do.	1							1								1		1 Lieutt Plummer
	110	Do. do. Electrum Sliding 18 do.																		
	111	Do. do. do. 13 do.																		
	112	Rules, Folding, Boxwood, 3 feet 9 inches joint ...																		
	113	Do. do. do. 2 feet 6 inches joint	5							5								5	4	1 Major R. Thompson R.E
	114	Do. Brass, Gunter's, 2 feet ...	2							2								2	2	
	115	Do. Slide, Boxwood, single																		
	116	Do. do. do. double																		
	117	Rain Gauges, Europe ...																		
	118	Do. do. Bottles ...																		
	119	Do. do. Tin ...																		
	120	Racks, Brass, of Sizes ...																		
	121	Salinometer ...																		
	122	Sextants, Pocket... ...																		

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HALF YEAR ENDING 30th Sept 1880

Balance Return of Tools and Plant under charge of the Supdt of Work Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials.	123	Sextants large																		
	124	Scales, Marquois, Electrum ...																		
	125	Do. do. Boxwood ...	3							3								3	1	1 Condr Falvey 1 Sergt Macintash
	126	Do. Plotting, Standard, Electrum with Offsets ...																		
	127	Do. do. Boxwood ...	1							1								1	1	
	128	Do. do. with Offsets ...																		
	129	Do. Holtzappfel, Card Board ...																		
	130	Do. do. do. ...																		
	131	Do. Boxwood, 1 & 2 miles to the inch divided decimally ...																		
	132	Do. Card Board, decimally divided...																		
	133	Do. Boxwood do. ...																		
	134	Do. Ivory																		
	135	Straight Edges, Brass, 3 feet ...	2							2								2	1	1 Mr Rebeiro
	136	Do. do. Ebony, 3 feet... ...																		
	137	Do. do. do. Brass edged, 3 feet.																		
	138	Squares, Optical, 42 inches ...																		
	139	Do. T, 42 do. ...																		
	140	Do. do. 36 do. ...																		
	141	Do. do. 30 do. ...	1							1								1	1	
	142	Do. do. 24 do. ...																		
	143	Do. do. 20 do. ...	1							1								1	1	
	144	Staves, Levelling Gravatt's pattern ...	2							2								2	2	
	145	Do. do. Telescopic ...	15							15								15	8	3 Mr Rebeiro 1 Govinda row 1 Coppoosawmy mudr 2 Soobramany Iyer
	146	Semi-circle, Reflecting																		
	147	Stand and Staves for Ghât Tracing Instrument																		1 Coppoosawmy mudr 1 Major R. Thompson 1 Condr Lalar 1 Soobramani Iyer 1 Govinda row 1 Sergt Macintash
	148	Tapes, measuring, 100 feet ...	11							11								11	5	
	149	Do. do. 75 do. ...																		1 Mr Rebeiro 1 Lt Plummer 1 Do Macintash 1 Coppoosawmy mudr 1 Mr Falvey
	150	Do. do. 50 do. ...	5							5								5	4	
	151	Do. Metallic, measuring 100 feet ...																		
	152	Do. do. 50 feet ...																		
	153	Theodolite, 7 inches ...	1							1								1	1	

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N.B.—This space should not be written upon as it is required for filing.

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

[Exr. Wks. Form No. 472, E.]

[7TH INNER SHEET.]

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	Receipts. May	Receipts. June	Receipts. July	Receipts. August	Receipts. September	Total.	Issues. April	Issues. May	Issues. June	Issues. July	Issues. August	Issues. September	Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Scientific Instruments and Drawing Materials	154	Theodolite, 6 inches																		
	155	Do. 5 inches and 5½ inches ...	1							1								1	1	
	156	Do. Transit, large																		
	157	Do. do. small																		
	158	Thermometer, maxm. Self-registering.																		
	159	Do. Minim. do. ...																		
	160	Do. Standard																		
	161	Do. Small																		
	162	Tubes, glass, for Mountain Barometer.																		
	163	Do. do. for Marine do. ...																		
	164	Telscopes, Terrestrial, large ...																		
	165	Do. do. small ...																		
	166	Trammels																		
	167	Thermometer not registering ...																		
	168	Tubes, Glass, in brass																		
	169	Do. do. for Quadrant Gunners ...																		
	170	Color box 1st Class	2							2								2	1	1 Mr Rebeiro S.C
	171	Compass Presmatic	6							6								6	4	{1 Mr — do — {1 Mr Sergt Macintosh

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HALF-YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.							Issues.							Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	Sept.	Total.	April	May	June	July	August	September	Total.	As per this Return.	As actually counted.	
Machinery.	1	Apparatus, Water-warming ...	1							1								1	1	
	2	Do. Boring	1							1		1					1			
	3	Do. Artesian																		
	4	Boiler flue, Steam, Cornish, 12 H.P. ...																		
	5	Belts, Leather, for Pumps																		
	6	Crabs, single	2							2		2					2			
	7	Do. double	3							3		2					2	1	1	
	8	Do. to lift from 1 to 5 tons ...																		
	9	Do. do. 5 to 10 do. ...																		
	10	Do. do. 10 to 15 do. ...																		
	11	Cranes, Portable, to lift 1 ton ...																		
	12	Cranes to lift 2 tons iron works ...	1							1		1					1	-	-	
	13	Do. 3 tons																		
	14	Do. 5 tons																		
	15	Engine, Steam, 6 H.P. ...																		
	16	Do. do. 4 H.P. ...																		
	17	Do. do. 10 H.P. ...																		
	18	Do. do. 40 H.P. ...																		
	19	Fire Engine with Suction Hose complete	1							1								1	1	
	20	Force Pump, large																		
	21	Do. do. small																		
	22	Gauges, Steam, 60 lbs. pressure ...																		
	23	Do. do. 100 lbs. do. ...																		
	24	Do. do. 150 lbs. do. ...																		
	25	Do. Vacuum																		
	26	Lathes, Turning, 8 inches																		
	27	Do. do. 7 do. ...																		
	28	Do. do. 6 do. ...																		
	29	Machine, Engraving, with letter G.B.																		
	30	Do. Tile making, Clayton's																		
	31	Mills, Pug, for do. ...																		
	32	Machine, Planing, wood																		

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[Exr. Wks. Form No. 472, G.]

[9th Inner Sheet.]

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

30th Sepr 1880

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.						Total.	Issues.						Total.	Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	Sepr		April	May	June	July	August	September		As per this Return.	As actually counted.	
Machinery	33	Machine Tenoning																		
	34	Do. Mortising																		
	35	Do. Punching	2							2	.	.	2				2	"	"	
	36	Do. Rope making																		
	37	Do. Steam Hammer with Donkey Engine																		
	38	Do. to weigh 1 ton	1							1			1				1			
	39	Do. Pile-driving																		
	40	Do. Hand Drilling																		
	41	Do. Planing, Iron																		
	42	Do. Stone-breaking																		
	43	Do. Circular dividing																		
	44	Do. Straight Lines dividing																		
	45	Pumps for 6 H.P.																		
	46	Pipes 6 feet for Pumps	10							10		10					10	"	"	
	47	Do. 9 do. for do.																		
	48	Do. for Pumps, Hand, 3 inches	1							1			1				1	"	"	
	49	Pump, 9 inches	1							1		1					1	"	"	
	50	Do. Portable, double																		
	51	Pipes, Brass, for Water Gauge, Glass																		
	52	Do. and Funnels for Gauge Cocks																		
	53	Pumps Force, small for testing boiler																		
	54	Pipes for Gauge Cocks																		
	55	Screw Jacks, Halleys 2 tons	1							1								1	1	
	56	Screw Jacks, Halleys, 4 tons	1							1								1	1	
	57	Do. do. 6 do.																		
	58	Do. do. 8 do.																		
	59	Do. do. 12 do.																		
	60	Do. Ratchet 2 feet																		
	61	Do. Windlass, 2 do.																		
	62	Slide-rest for 8 inch lathe																		
	63	Do. for 7 do.																		

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[Ext. Wks. Form No. 172, H.]

[10th Inner Sheet.]

HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Sepr.	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Machinery.	64	Slide-rest for 6 inch lathe ...																		
	65	Wind Mill, 4 H. M., with pumps ...																		
	66	Cramp screw small	4							4		.						4	4	
	67	Do Do large	2							2		.						2	2	
	68	Pump hand rotatory 2nd Sort	1							1		1					1	.	.	
	69	Do Do 3rd Sort	1							1		1					1	.	.	
	70	Saw Circular with tables	1							1		1					1	.	.	
	71	Lathes 12" 5ft bed Do 10" 12ft bed	2							2	.	.	.	.	.	.	.	2	2	

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30th September 1880
the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	Sept.	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
	1	Anvils, Ironsmith's	15	.	.	.	.	.	.	15	.	10	.	.	.	.	10	5	4	1 with Mr Macintosh
	2	Axes, Pick	86	.	.	.	.	.	.	86	.	.	.	.	.	.	.	86	79	1 Gas Work 1 Lt. Lowe R.E. 5 Mr Macintosh T. Annexe
	3	Do. Broad																		
	4	Do. Hand	11	.	.	.	.	.	.	11	.	.	.	.	.	.	.	11	9	2 Sypong
	5	Do. Felling	5	.	.	.	.	.	.	5	.	.	.	.	.	.	.	5	5	
	6	Adzes, Iron, Carpenter's	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	
	7	Augers, Iron, Spiral																		
	8	Do. do. of sizes																		
	9	Awls, Broad, of sizes																		
	10	Beams, Scales, Iron																		
	11	Beams for Scales, Copper	5	.	.	.	.	.	.	5	.	3	.	.	.	.	3	2	1	1 Scale cons'd Architect to G with weights ¼ oz. to 4 lbs.
	12	Bellows, Forge, Europe	4	.	.	.	.	.	.	4	.	.	.	.	.	.	.	4	3	1 Mr Macintosh T. Annexe
	13	Do. Moulders of sizes																		
	14	Blocks, Iron, with Brass Sheaves, single	6.	.	.	.	.	.	.	6.	.	4	.	.	.	.	4	2	.	1 Soobramania Iyer T.O. 1 Carpenter away by moor T.O.
	15	Do. do. double	5	.	.	.	.	.	.	5	.	4	.	.	.	.	4	1.	.	1 —— do ——
	16	Do. do. treble	5	.	.	.	.	.	.	5	.	4	.	.	.	.	4	1	.	1 —— do ——
	17	Do. wooden, single	4	.	.	.	.	.	.	4	.	.	.	.	.	.	.	4	4	
	18	Do. do. double																		
	19	Do. Iron, galvanized, with sheaves, single																		
	20	Do. do. do. double	2	.	.	.	.	.	.	2	.	2	.	.	.	.	2	.	.	
	21	Do. do. do. treble																		
	22	Do. do. to lift 10 tons, double																		
	23	Do. do. do. treble																		
	24	Blocks, Iron, snatch, for 4½-inch rope																		
	25	Do. do. with 7-inch sheaves, double																		
	26	Do. do. do. treble	2	.	.	.	.	.	.	2	.	2	.	.	.	.	2	.	.	
	27	Blocks, Wooden, Snatch																		
	28	Do. Iron, galvanized, 12 inches, single																		
	29	Do. wooden do. double																		
	30	Do. do. treble																		
	31	Belts, Leather																		

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HALF-YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	Receipts. May	Receipts. June	Receipts. July	Receipts. August	Receipts. September	Total.	Issues. April	Issues. May	Issues. June	Issues. July	Issues. August	Issues. September	Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.
Tools and Plant	32	Bars, Tamping, Brass																		
	33	Borers, hand																		
	34	Braces, Iron smiths, with 3 bits	5	.	.	.	.	.	.	5	.	3	.	.	.	.	3	2	2	
	35	Do. Ratchet, with bits, small																		
	36	Bevils, Carpenter's, 12 inches, steel blade																		
	37	Burnishers, Oval, five to a set																		
	38	Balance, Spring, for boiler use, 150 lbs																		
	39	Brushes, Wire	177	.	.	.	.	.	30	207	.	.	.	.	.	.	.	207	140	1 Lt Lowe R.E 6 Coopooswamy [illegible] 27 Mr Rebario T.O. 10 Soobramaniya Iyer T.O. 23 Mr Macintosh T.O.
	40	Crowbars																		
	41	Chains for scales, eight per set																		
	42	Do. Iron																		
	43	Chisels, Carpenter's, Firmer																		
	44	Do. do. Martise																		
	45	Do. do. Socket																		
	46	Compasses, Carpenter's	1	"	"	"	"	"	"	1	.	"	"	"	"	"	"	1	1	
	47	Do. Caliber, with sweeps	"	"																
	48	Caliber with screws	"																	
	49	Do. without screws	5	"	"	"	"	"	"	5	"	"	"	"	"	"	"	5	5	
	50	Clips, Iron, for stone or timber																		
	51	Cramps, Bench																		
	52	Chisels, Cold																		
	53	Cocks, Bath, round way, with lever and plate																		
	54	Do. Stop, square way																		
	55	Dies, Standard, He and She, Witworth																		
	56	Files, half round, rough																		
	57	Files, round, bastard																		
	58	Do. smooth																		
	59	Files, flat, bastard, with round edge																		
	60	Files, flat, smooth																		
	61	Files, flat, dead smooth																		
	62	Files, flat, safe edge, smooth																		
	63	Files, flat, rough																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.							Issues.							Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	September	Total.	April	May	June	July	August	September	Total.	As per this Return.	As actually counted.	
Tools and Plant.	64	Files, half round, bastard...																		
	65	Files, half round, smooth ...																		
	66	Files, half round, rough...																		
	67	Do. do. dead smooth ...																		
	68	Files, round, smooth ...																		
	69	Files, round, rough																		
	70	Do. square, rough																		
	71	Do. 3 square, dead smooth																		
	72	Do. do. smooth ...																		
	73	Do. do. bastard ...																		
	74	Do. do. rough ...																		
	75	Do. gulleting																		
	76	Do. Watch-maker's of sizes																		
	77	Do. Engraver's, of sorts...																		
	78	Do. Pit, Saw ...																		
	79	Do. Saw, hand ...																		
	80	Do. do. tennon ...																		
	81	Facing or surface plate ...																		
	82	Forges, Smith's portable, large ...	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	83	Gouges, Carpenter's, ⅜ of an inch to 1½ inches to a set...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	84	Do. Carpenter's socket of sizes ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	85	Do. do mortise ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	86	Do. do. common ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	87	Gimlets, of sizes, 6 to a set ...	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	88	Hammers, Sledge ...	29	"	"	"	"	"	"	29	"	20	"	"	"	"	20	9	8	1 Gyrony
	89	Do. Hand ...	9	"	"	"	"	"	"	9	"	"	"	"	"	"	"	9	9	
	90	Do. Wedge ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	91	Do. Adjusting ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	92	Do. Screw Wrench ...	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	93	Do. Stone-cutting, axe-faced, ~~14 lbs~~ 1 Large 50 Small	51	"	"	"	"	"	"	51	"	"	"	"	"	"	"	51	51	
	94	Do. Boring ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	

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HALF-YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.						Total.	Issues.						Total.	Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	September		April	May	June	July	August	September		As per this Return.	As actually counted.	
Tools and Plant.	95	Hammers, Claw	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	96	Do. Rivetting	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	97	Do. Tacks	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	98	Do. Stone-breaking	27	"	"	"	"	"	"	27	"	"	"	"	"	"	"	27	17	10. Cooppooswamy Mooly T. O.
	99	Hooks, Bill, Europe, 2¼ lbs.	33	"	"	"	"	"	"	33	"	"	"	"	"	"	"	33	26	2. Syrong 5. Mr Macintosh.
	100	Iron for Planes 2½ lbs.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	101	Jumpers	3	"	"	"	"	"	6	9	"	"	"	"	"	"	"	9	9	
	102	Knives, Drawing	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	103	Ladle for Pitch	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	104	Mamooties	95	"	"	"	"	"	3	98	"	"	"	"	"	"	"	98	3	1 Gas Work 40, Syrong— 6. Cooppooswamy Mooly T. O. 23. Mr Relectro T. O. 8. Soobramoney Iyer 17. Mr Macintosh
	105	Mattocks	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	106	Measures for Gallons, Imperial, 7 to set.	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	"	"	
	107	Nippers, Iron Smith's																		
	108	Needles, Priming Copper, 4 feet																		
	109	Picks, Quarry, 8 lbs.																		
	110	Punches, Stone-cutter's																		
	111	Plate, Screw, with Taps P. 4 39	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	112	Planes, Jointer's																		
	113	Do. Jack																		
	114	Do. Trying																		
	115	Do. Smoothing																		
	116	Do. Long																		
	117	Do. Plough, with 8 Irons																		
	118	Do. Phillister																		
	119	Do. Round Hole																		
	120	Do. Rabetting																		
	121	Do. Hollowing																		
	122	Do. Grooving																		
	123	Do. Bead																		
	124	Do. O. G. and Bead																		
	125	Pots, Glue, Copper																		
	126	Pipes, Bend, Socket, 6 inches																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	127	Pipes Socket, Cast Iron, 6 inches	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	128	Pliers	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	129	Pincers, Carpenter's	10	"	"	"	"	"	"	10	"	"	"	"	"	"	"	10	10	
	130	Pliers, Cutting																		
	131	Rasps, half-round, for wood																		
	132	Rails, Iron, Bridge																		
	133	Riddles, Iron																		
	134	Do. Moulders' 6 to a set																		
	135	Saws, Circular																		
	136	Do. Pit, 6 feet	10	"	"	"	"	"	"	10	"	8	"	"	"	"	8	2	2	
	137	Do. Hand	2	"	"	"	"	"	"	2	"	2	"	"	"	"	2	"	"	
	138	Do. Cross Cut																		
	139	Do. Ripper																		
	140	Do. Panel																		
	141	Do. Tennon	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	142	Do. Dovetail																		
	143	Do. Key-hole, with 5 spare blades	1	"	"	"	"	"	"	1	"	1	"	"	"	"	1	"	"	
	144	Do. Sweep, small, without frames																		
	145	Do. Bow, for cutting metals	1	"	"	"	"	"	"	1	"	1	"	"	"	"	1	"	"	
	146	Spare Blades for do.																		
	147	Saws, Compass																		
	148	Do. Set	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	149	Stone Grinding, New Castle																		
	150	Do. do. Bilston																		
	151	Stone Grinding	2	"	"	"	"	"	"	2	"	"	2	"	"	"	2	"	"	Sold by Public Auction
	152	Stocks with Taps and Dies to cut Screws	7	"	"	"	"	"	"	7	"	5	"	"	"	"	5	2	1	1 with Mr Nichols
	153	Stocks with Taps and Dies for Iron Gass Pipes																		
	154	Shovels, Europe																		
	155	Spades	15	"	"	"	"	"	"	15	"	10	"	"	"	"	10	5	4	1 Lieutenant Lowe R.E.
	156	Scrapers	20	"	"	"	"	"	"	20	"	"	"	"	"	"	"	20	20	
	157	Spikes, Marline	"	"	"	"	"	"	"	"										
	158	Scales, Beam, with chain and platforms to weigh 5 cwt.	2	"	"	"	"	"	"	2	"	1	"	"	"	"	1	1	1	

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	159	Scales, wood																		
	160	Do. copper, with chain																		
	161	Do. Brass	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	"	At Office
	162	Do. do. to weigh 2,500 Rs. with stands	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	"	1 [illegible]
	163	Do. platform, Iron, with beam to weigh 10 cwts.																		
	164	Do. letter-weighing, with weights complete	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	"	At Office
	165	Stones, Oil, Turkey, in case																		
	166	Do. do. do. without case	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	167	Stones, Rag																		
	168	Do. Slab																		
	169	Spoke Shaves, Iron																		
	170	Squares, Carpenter's, steel blade	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	
	171	Do. Engineer's, Steel																		
	172	Stink Traps																		
	173	Sieves, Brass																		
	174	Shears, Tin, Man, small																		
	175	Screws, Tools, Hand, from 6 to 100 threads to the inch																		
	176	Screens, Moulder's																		
	177	Syphons, copper																		
	178	Tools, Carpenter's, second class																		
	179	Do. Smith's																		
	180	Tools, Boring																		
	181	Do. Model-maker's																		
	182	Do. Miner's																		
	183	Do. Moulder's																		
	184	Do. Engraving																		
	185	Tongs, Fire, Blk.																		
	186	Do. of sorts																		
	187	Do. Jewellers'																		
	188	Turn-screws																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Tools and Plant.	189	Turners, Groovers, with handle ...																		
	190	Turners point chisels																		
	191	Do. Carriers																		
	192	Trowels, large																		
	193	Do. small																		
	194	Tubes, iron, for 10 H. P. Boiler ...																		
	195	Do. Speaking, Zinc, ¾ inch ...																		
	196	Do. Brass, for Steam Boilers ...																		
	197	Do. Muntz, Metal for Boiler ...																		
	198	Do. Glass, spare, for water Gauge...																		
	199	Tanks, Iron, galvanized to hold 25 gallons, with brass cocks																		
	200	Taps and Dies for cutting Wood-screws.																		
	201	Vices, Standing	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	1	1 Mr Macintosh
	202	Do. Bench	5	"	"	"	"	"	"	5	"	3	"	"	"	"	3	2	2	
	203	Do. Hand	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	204	Weights, Iron	1	"	"	—	—	—	—	1	"	1	—	—	—	—	1	"	"	
	205	Do. Brass	19	"	"	"	"	"	"	19	"	19	"	"	"	"	19	"	"	
	206	Weston's, Patent, differential Pulley Block																		
	207	Asphalte Boiler	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	208	Bench Carpenter	8	"	"	"	"	"	"	8	"	"	"	"	"	"	"	8	8	
	209	Bill Hooks Cutting Fork	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	210	Barrow Wheels	2	"	"	"	"	"	1	3	"	"	"	"	"	"	"	3	1	2 Lieutenant Lowe R.E.
	211	Bull Dredgers	"	"	"	"	"	"	3	3	"	—	"	"	"	"	"	3	3	
	212	Beak Iron	1	"	"	"	"	"	"	1	"	1	"	"	"	"	1	"	"	
	213	Chest Carpenter & Smith	5	"	"	"	"	"	"	5	"	2	3	"	"	"	5	"	"	3, Sold by Public Auction
	214	Cart Common	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	215	Do with Casks	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	1	1. Syrong 1 Ramanaguin Conoorsalty
	216	Casuarina Poles	"	"	"	"	"	"	614	614	"	"	"	"	"	"	"	614	11	260 Mr Ribeiro, 163, Mr Macintosh, 180, "Mr Pardon," First overse
	217	Forge Smith Small	1	"	"	"	"	"	"	1	"	"	1	"	"	"	1	"	"	1 Sold by Public Auction
	218	Iron Rose	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	219	Iron Small pieces for Jumpers	8	"	"	"	"	"	"	8	"	"	"	"	"	"	"	8	8	
	220	Iron Chain 360 feet	"	"	"	"	"	"	1	1	"	"	"	"	"	"	"	1	1	
	221	Do 230 feet	"	"	"	"	"	"	1	1	"	"	"	"	"	"	"	1	1	
	222	Wooden Ladder	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	"	3 Rayavaram Conoorsalty 1 Theroomangadum Do
	223	Measuring Pole	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts.						Total.	Issues.						Total.	Balance on		Explanation of Differences and Remarks.
				April	May	June	July	August	September		April	May	June	July	August	September		As per this Return.	As actually counted.	
	224	Phoras Lamp	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	225	Paint Grinding Stone	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	226	Do Small with Rubble	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	227	Palmyrah Scaffolding	2285	"	"	"	"	"	"	2285	"	"	"	"	"	"	"	2285	"	
	228	Ropes lbs	2476	"	"	"	"	"	"	2476	"	"	"	"	"	"	"	2476	"	
	229	Rammers (Cast Iron)	"	"	"	"	"	"	26	26	"	"	"	"	"	"	"	26	7	4 Mr Rebeiro T. O. 15 Subramany Iyer
	230	Square T Small	1	"	"	"	"	"	"	1	—	—	—	—	—	—	—	1	1	
	231	Lift Hooks	38	"	"	"	"	—	—	38	—	—	—	—	—	—	—	38	38	
	232	Swords	11	"	—	—	—	—	—	11	—	—	—	—	—	—	—	11	11	
	233	Smith Tools Sets Box	2	—	—	—	—	—	—	2	"	2	—	—	—	—	2	—	—	
	234	Do Without Box	1	—	—	—	—	—	—	1	"	1	—	—	—	—	1	"	"	
	235	Truck	1	—	—	—	—	—	—	1	"	1	—	—	—	—	1	"	"	
	236	Turners Tools Sets Box	2	—	—	—	—	—	—	2	"	2	"	—	—	—	2	"	"	
	237	Timber Transport Carriage	1	—	—	—	—	—	—	1	"	"	1	"	"	"	1	"	"	
	238	Valve Cast Iron	2	—	—	—	—	—	—	2	"	"	2	"	"	"	2	"	"	Sold by P. Auction
	239	Pipe for Do 2' ft.	1	—	—	—	—	—	—	1	"	"	1	"	"	"	1	"	"	Do
Floating Plant.	1	Boats with top																		
	2	Budgerow																		
	3	Boats, Range																		
	4	Do., Small																		
	5	Do., Dredge																		
	6	Do., Spoil																		
	7	Do., Ferry																		
	8	Punts																		
	9	Steamers																		

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HALF YEAR ENDING 30th September 1880

Balance Return of Tools and Plant under charge of the Supdt of Works Presidency

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	Sept	Total.	Issues. April	May	June	July	August	September	Total.	Balance on As per this Return.	As actually counted.	Explanation of Differences and Remarks.
Office Furnitures.	1	Almirahs, large	16	"	"	"	"	"	"	16	"	"	"	"	"	"	"	16	16	
	2	Do. small	9	"	"	"	"	"	"	9	"	"	"	"	"	"	"	9	8	1 In Store Yard
	3	Benches	26	"	"	"	"	"	"	26	"	"	"	"	"	"	"	26	17	8. In Store yard, 1. Mr. Nichola
	4	Boxes, Teakwood	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	"	1 In Store yard
	5	Do. Dealwood	"	"	"	"	"	"	"		"	"	"	—	—	—	"	—	—	
	6	Chairs, Armless	18	"	"	"	"	"	"	18	—	—	—	—	—	—	"	18	14	2 In Store yard, 2 Mr. Nichola
	7	Do. with arms	18	"	—	—	—	"	"	18	"	"	"	"	"	"	"	18	18	
	8	Do. Deschamps	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	9	Clock	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	10	Cash Chests, Iron	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	11	Do. Wooden	"	"	"	"	"	"	"		"	"	"	"	"	"	"	"	"	
	12	Desks, Office	28	"	"	"	"	"	"	28	"	"	"	—	—	—	"	28	22	6 In Store Yard
	13	Do. small	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	14	Medicine Chests	"	"	"	"	"	"	"		"	"	—	—	—	"	"	"	"	
	15	Pigeonholes	8	"	"	"	"	"	"	8	"	"	"	"	"	"	"	8	8	
	16	Press, Binding	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	
	17	Punkahs	9	"	"	"	"	"	"	9	"	"	"	"	"	"	"	9	4	In the Ex. Engr. Office Fort, in Ch of Syrongi
	18	Stands for cups	4	"	"	"	"	"	"	4	"	"	"	"	"	"	"	4	4	
	19	Do. for record file	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	
	20	Do. small, for books	1	"	"	"	"	"	"	1	—	—	—	—	—	—	"	1	1	
	21	Steps	1	"	"	"	"	"	"	1	—	—	—	—	—	—	"	1	1	
	22	Stools, Camp	"	"	"	"	"	"	"	"	—	—	—	—	—	—	"	"	"	
	23	Shelves, Book	"	"	"	"	"	"	"	"	—	—	—	—	—	—	"	"	"	
	24	Stamp Press	1	"	—	—	—	—	"	1	—	—	—	—	—	—	"	1	1	
	25	Screen	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	26	Tables, Drawing	3	"	"	"	—	—	—	3	—	—	—	—	—	—	"	3	2	1 In Store Yard
	27	Do. Camp, pieces	4	—	—	—	—	—	"	4	"	—	—	—	—	—	"	4	2	
	28	Do. Plane	2	—	—	—	—	—	—	2	"	—	—	—	—	—	"	2	2	
	29	Do. without drawers	4	—	—	—	—	—	—	4	—	—	—	—	—	—	"	4	3	1 In Store Yard
	30	Do. with drawers	20	"	—	—	—	—	"	20	—	—	—	—	—	—	"	20	16	2 Mr. Nicholas 1 Mr. Pearson 1 Occasional Officers
	31	Do. with pigeon holes																		

N.B.—This space should not be written upon as it is required for filing.

N.B.—This space should not be written upon as it is required for filing.

This is to certify that the articles shewn in Column as actually counted under the head balance in the return and the Stoc on hand 30th September 1880 are Correct.

6th November 1880

J. Serovanyadum
Store Keeper

Major

Superintendent of Works Pres

HALF YEAR ENDING

Balance Return of Tools and Plant under charge of

Class	Item No.	Names of Articles	Correct Balance brought over	Receipts.						Total.
Camp Equipage	1	Tents								

N.B.—This space should not be written upon as it is required for filing.

Issues.					Total.	Balance on As per this Return.	Balance on As actually counted.	Explanation of Differences and Remarks.

N.B.—This space should not be written upon as it is required for filing.

Detail of Issues during the Half-year ending 30th September 1880

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.
Machinery	1	Apparatus Boring	Transferred to Public Works Store	1	1	
	2	Crab Single		2	2	
	3	Do Double		2	2	
	4	Cranes to lift		1	1	
	5	Machines Punching		2 2	2 2	
	6	Do to weigh 1 Ton		1	1	
	7	Pipes & Jack for Pump		10	10	
	8	Do for Pump hand 3"		1	1	
	9	Pump 9"		1	1	
	10	Pump hand Rototary 2d Sort		1	1	
	11	Do 3d Sort		1	1	
	12	Saw Circular with Table		1	1	
--x--			x			
Tools and Plants	1	Anvils	Transferred to P. W. Stores	10	10	
	2	Beam for Scale Copper		3	3	
	3	Blocks Iron Single		4	4	
	4	Do Double		4	4	
	5	Do Treble		4	4	
	6	Do Galvanized Iron double		2	2	
	7	Do Snatch		2	2	
	8	Brace Iron Smith		3	3	

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Detail of Issues during the Half-year ending 30th September 1880

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.
Tools and Plants	9	Hammers Sledge	Transferred to Public Works Store	20	20	
	10	Saws pit, 6 ft		8	8	
	11	Do Hand		2	2	
	12	Do Key hole with 5 Blades		1	1	
	13	Do Cutting Metals		1	1	
	14	Stock with taps and dies and cut Screws		5	5	
	15	Spades		10	10	
	16	Scale beam with chain & platforms & 30 Weights		1	1	
	17	Vice bench		3	3	
	18	Weights Iron set		Sets 1	1	
	19	Do Brass		19	19	
	20	Beak Iron		1	1	
	21	Chest Carpenter		2	2	
	22	Smith Tools Set Box		2	2	
	23	Do without Box		1	1	
	24	Truck		1	1	
	25	Turner tools Set Box		2	2	
--x--	26	Timber Transport Carriage	Sold by Public Auction	1	1	
	27	Stone grinding		2	2	
	28	Chest Carpenter		3	3	
	29	Pot Smith Small		1	1	
	30	Valve Cast Iron		2	2	
	31	Pipe for Do		1	1	

N.B.—This space should not be written upon as it is required for filing.

P.W.D.
8NOV80
No. [illegible]

HALF YEAR ENDING 30"

Balance Return of Tools and Plant under charge of the

Class	Item No.	Names of Articles.	Correct Balance brought over.	Receipts. April	May	June	July	August	September	Total.
Scientific Instruments and Drawing Materials.	1	Anemometer								
	2	Barometer, Aneroid	1	"	"	"	"	"	"	1
	3	Do. Mountain ...								
	4	Books, Mathematical Tables, Hutton's								
	5	Do. Nautical Almanac ...								
	6	Do. Hydraulic Formula, Stoddard's								
	7	Do. Instructions on Use of the Slide Rule ...								
	8	Do. Tables for use of Hydrometer								
	9	Do. Report on the Ganges Canal								
	10	Battery, Galvanic ...								
	11	Camera, Lucida								
	12	Chain, Iron, measuring 100 feet	2	"	"	"	"	"	"	2
	13	Do. do. do. 50 do.								
	14	Do. Brass, do. 75 do.								
	15	Do. Iron, Galvanized, measuring 100 feet	2	"	"	"	"	"	"	2
	16	Do. Iron, Galvanized, measuring 66 feet								
	17	Do. Iron, Galvanized, measuring 50 feet								
	18	Circumferenter with Telescope	1	"	"	"	"	"	"	1
	19	Do. do. Vernier								
	20	Do. small ...								
	21	Clinometers								
	22	Compasses, Beam, large ...								
	23	Do. do. small ...								
	24	Do. Pocket ...								
	25	Do. Proportional, large								
	26	Do. Azimuth ...								
	27	Do. Proportional, small								
	28	Do. Comprehensive ...	2	"	"	"	"	"	"	2
	29	Do. Triangular ...								
	30	Do. Brass, 6 inches								

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[Ext. Wks. Form No. 171.]

[1st Inner Sheet.]

Detail of Receipts during the Half-year ending

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.

N.B.—This space should not be written upon as it is required for filing.

Detail of Receipts during the Half-year ending

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.

N.B.—This space should not be written upon as it is required for filing.

[Ext. Wks. Form No. 470.

Public Works Department, Madras.

Detail of Receipts during the Half-year ending 30th September 1880

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.
Tools & Plant	1	Hammers Stone breaking	Purchased in the local market	36	36	
	2	Mill stone	Found surplus	3	3	

12.2.80 No 484 Ch
20.2 — 564 —

19-2-77

P.W.D.
24 MAR 80
No 2087
1880

From

The Superintending Engineer
3d Circle

No 1436

Dated 23d
Received
} March 1880

B N - 1921 W - [illegible] - [illegible]

Enclosures - 4

Stock articles in the Stores of the Presidency Div. — Forwards for orders a list of —

Entd. in Receipt Regr.

(65)

0.16/9/80

Wks. Form No. 471.] [Inner Sheet.]

[Ext. Wks. Form No. 470.]

Public Works Department, Madras.

Detail of Receipts during the Half-year ending 30th September 1880

Class.	Item No.	Names of Articles.	How disposed of.	No.	Total.	Remarks.
Tools & Plant	1	Hammers Stonebreaking	Purchased in the local market	36	36	
	2	Mill stone	Found surplus	3	3	

7/1504/80.

P.W.D.
24MAR80
No. 2067
47

Superintendent of Gas Works No. 51 dated 4th March 1880 (with its enclosure) giving some information regarding the present position of the Gas scheme.

I have the honor to be,
Sir,
Your most Obdt: Servant

Major R. E.
Ag. Supg. Engineer, 3rd Circle

2.2.80 No 484 Ch
20.2 — 564 —

19-2-77

P.W.D.
24MAR80
No. 2087
1880

From

The Superintending Engineer
3d Circle

No. 1436

Dated 23d } March 1880
Received }

B N- 1921 W-[illegible]

Enclosures-4

Stock articles in the Stores of the Presidency Dn. — Forwards for orders a list of —

Entd. in Receipt Regr.

(65)

0.16/9/80

7/1504/80

P.W.D.
24MAR80
No. 2087
4

No. 1436

3rd Circle, Superintending Engrs office
Chepauk 23rd March 1880.

From,

The Superintending Engineer,
3rd Circle

To,

The Chief Engineer
Public Works Department.

Sir,

Enclo 4
1 Register of Issues of old materials
√ 1 List of article in book form
√ 1 Original letter No. 5D/4·3·80 from Supt of Gas Works to Presidency Dn with a list

With reference to your Memoranda Nos. 484 and 564 dated 17th and 20th February 1880, I have the honor to forward for your orders a List of all the Stock Articles in the Stores of the Presidency Division showing serviceable and unserviceable articles separately; together with a List showing the actual issues from the Stores in question during the past five years. In the List first mentioned the value of the serviceable Articles only is given. The unserviceable Articles cannot be properly valued and hence no value has been entered against them. These latter may I think be all disposed of. No value is entered in the List against the Articles appertaining to the Gas and Pier Works as their cost is not known to this Department. I beg to enclose a letter in original from the

Superintendent

No. 2893

Madras,
Chepauk, 6th Novr 1880.

From

The SUPERINTENDENT of WORKS,
PRESIDENCY,

To

The Chief Engineer,
P. W. Deptt.

Sir,

Enclosures. 4.

With reference to your Circular No. 2395× dated 26th October 1880, I have the honor to submit the Returns of Stock and Tools and Plant for the half year ending 30th September 1880.

× Put up with C. No. 6906 here with
[illegible]
8/11

I have the honor to be
Sir,
Your most obedient servant
[illegible] Vibart Major R.E.
Suptt: of Works
Presy.

[illegible]

No. 520

R No. 18 PWC of 80/81.

~~R No. of 80/81~~

To

Colonel Prendergast R.E.
through the Examiner P.W.
Accounts.

Dy/W

No. 21 P.W.C d/. 12-11-80

To

Colonel Prendergast R.E.
with reference to the above
endorsement.

Dm
12/11
Offg. C.

19-2-97.

This appears to be the [illegible]

P.W.D.
8NOV80
No. 7091

From,

The Supdt of Works,
Presidency.

B.A. 1921 W - 3-8-81

No. 2893

Dated 6th Novr. 1880.
Recd 8 "

Enclo: 4.

Stock and Tools + Plant.—

Submits the Returns
of — for the half year
Ending 30th Septr. 1880.

Entd in Re~~ce~~ipt Regr.

73

No. 1921 W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 3rd Augt. 1881.

Read the following :—

From the Supdg. Engr. 3rd Circle H.S. No. 1436 of 23rd March 1880
From the Supt. of W. Presy. H.S. No. 619 of 13th May — " —
" " Supt of W. — Do — " " 2893 of 6th Novr. — " —

Recorded with
reference to G.O. No.
915 W of 2nd April 1881.

CY

2/8

D.W.

These papers were sent
to the Stores Committee without
a formal endorsement, &
consequently still appear on
our books as undisposed
of. CY

Stock Register of the Bangalore Division for the half year ending 30th September

Class	Name of articles	Balance brought forward	Receipts							Issues							Balance as per this return	Balance on 1st October as counted	Value as per present rates		Value adjusted to coincide with amount of ledger balance		Remarks
			April	May	June	July	August	September	Total	April	May	June	July	August	September	Total			Rate	Amount	Rate	Amount	
Small Store	Double moveable hinges Pairs	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	3 1 8	9 5 "			
Building Materials	Asphalte	3	"	"	"	"	"	"	3	"	"	"	"	"	"	"	3	3	" " 2½	" " 8			
	Fire bricks	6950	"	"	"	"	"	"	6950	"	"	"	"	"	"	"	6950	6950	5 " "	34 12 "			
	old stones	"	"	"	"	"	"	659	659	"	"	"	"	"	"	"	659	659	" 1 6	61 12 6			
	Do Broken pieces	"	"	"	"	"	"	240	240	"	"	"	"	"	"	"	240	240	" " 3	3 12 "			
Timber	Teak wood cft	48½	"	"	"	"	"	"	48½	"	"	"	"	"	48½	48½	"	"					
Metals	Raund Cast-steel	267	"	"	"	"	"	"	267	"	"	"	"	"	267	267	"	"					
	Copper screws 2"	4 1/6	"	"	"	"	"	"	4 1/6	"	"	"	"	"	"	"	4 1/6	4 1/6	" 4 4	1 2 1			
	Brass screws 1"	22 1/6	"	"	"	"	"	"	22 1/6	"	"	"	"	"	"	"	22 1/6	22 1/6	" 4 1½	5 11 5			
	Carrugated iron sheets	89	"	"	"	"	"	"	89	"	"	"	"	"	"	"	89	89	3 " 6	270 " "			
	Rivet nails	150½	"	"	"	"	"	"	150½	"	"	"	"	"	"	"	150½	150½	" 11 5	107 10 3			
	" washers	28¼	"	"	"	"	"	"	28¼	"	"	"	"	"	"	"	28¼	28¼	" 11 3	19 13 7			
Painters Store	Chocolate paint	42	"	"	"	"	"	"	42	"	"	"	8	"	"	8	34	34	5 7 5	185 12 2			
House fittings	Swing windows	22	"	"	"	"	"	"	22	"	"	"	"	2	"	2	20	20	7 6 "	147 8 "			
	Batten doors with frames complete 3	2	"	"	"	"	"	"	2	"	"	"	"	"	"	"	2	2	29 " "	58 " "			
	Do Do teakwood	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	23 " "	23 " "			
	Ventilators 5½' × 2' with 20 iron bars 3	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	14 " "	14 " "			
	Do 4½' × 1¾' with 16 Do	1	"	"	"	"	"	"	1	"	"	"	"	"	"	"	1	1	10 " "	10 " "			
	Do 3 × 1½ with 10 Do	3	"	"	"	"	"	"	3	"	"	"	"	"	1	1	2	2	4 8 "	9 " "			
	Pannelled Venitioned & Glazed shutter with frames 3	1	"	"	"	"	"	"	1	"	"	"	"	"	1	1	"	"					
	Do Do ½ shutter without frames 3	1	"	"	"	"	"	"	1	"	"	"	"	"	1	1	"	"					
Miscellanious	Disinfecting powder Mc Dougals 3	1	"	"	"	"	"	"	1	"	"	1	"	"	"	1	"	"					
	Do Calverts	1	"	"	"	"	"	"	1	"	"	1	"	"	"	1	"	"					
	Total Rupees																			961 3 9			

Office of Supdt of Works.
Chepauk 5th November 1880

J. Seravanayagam
Store Keeper

H. [illegible] Sibley Major R.E.
Superintendent of Works

19-2-97

B.r. 1921W of 3d Augt 1881

List of Articles
in the
Presidency Division Store
on the
15th February 1880.

List of Stock articles in hand on the 15th February 1880.

Called for in the Supdt Engineer No 762, of 13th February 1880.

Name of articles		Serviceable	Unserviceable	Total No of articles	Value			Amount			Remarks
Small Stores											
Wrought iron pipes 1" do	Rft	1168	"	1168	"	3	"	219	"	"	
Do Elbow	No	17	"	17	"	3	6	3	11	6	
Do T pipes	"	3	"	3	"	4	9	"	14	3	
Union joints	"	18	"	18	4	7	2	80	1	"	
Wrought iron railings	Rft	69¼	"	69¼	3	2	5¾	218	7	8	
Stand cock	No	5	"	5	49	"	2	245	"	10	
Flat iron 3½" × 5/8"	lbs	582	"	582	"	"	1½	34	13	9	
Round iron 1" do	"	1262	"	1262	"	"	8 7/16	55	7	4	
Building Materials											
Iron barred window frame 6'×4'	No	7	"	7	18	13	6	131	14	6	
Window frame without iron bars 6'×4'	"	15	"	15	10	4	3	154	"	"	
Iron barred window frame 6'×5'	"	2	"	2	13	"	"	26	"	"	
Venition window frames 5 5/8 × 2'	Pair	28	"	28	9	1	8	254	14	8	
Circular fanlight	No	"	22	22	6	9	"	144	6	"	
Do Do	"	"	9	9	6	4	"	56	4	"	
29 Granite Stones of different sizes	cft	"	446	446	"	7	8	213	11	4	
Carrugated iron sheets	lbs	9793	"	9793	per 100 16	12	4	1466	6	5	
Do Iron ridging	Rft	150	"	150	"	8	"	75	"	"	
Pannelled Shutters	Sqft	239½	"	239½	"	5	11½	89	3	"	
Iron barred Door frame	No	1	"	1	61	"	"	61	"	"	
Iron boiler sheets	lbs	"	224	224	"	1	9⅓	24	14	3	
Ridge ventilators	No	"	1	1	98	"	"	98	"	"	
	C.O							3653	2	6	

Name of Articles		S	U	Total	Value			Amount			Remarks
Brought over								3653	2	6	
New Casuriana Poles large	No.	16	16	16	4	"	"	64	"	"	
Side boarding	Sqft.	"	150	150	"	4	10 7/8	46	"	"	
Granite Stone	Cft.	6	"	6	"	14	"	5	4	"	
Timber											
Teak wood frames of Mr Wilson	Cft.	16	"	16	2	5	3	37	4	"	
Cordage											
Hemp rope	Rft.	"	120	120	"	1	10	13	12	1	
Miscellanious											
Speaking tubes mouth pieces	No.	"	3	3	10	7	11 1/3	31	7	10	
Total Rupees								3850	14	5	

The prices in the above are the Cost-prices.

28-2-80

List of articles purchased for the use of constructing the 2nd Story to the Do occupied by the commissary of Ordnance on the 15th February 1880.

Name of articles		S	U	Total	Value			Amount			Remarks
Building Materials					per 100						
Terrace bricks	No.	13535	"	13,535	1	15	9	26	13	9	
Pillar blue Stones	"	27	"	27	"	18	3	22	5	9	
Stones for beams	"	10	"	10	3	"	"	30	"	"	
Sawn teak wood doors & windows &ca —	Cft.	189 1/6	"	189 1/6	3	1	"	579	5	2	
Do Beams, joists and wall plates &ca	"	292 1/6	"	292 1/6	3	8	1 2/3	1025	2	"	
Panes of Glass 12"×10"	No.	341	"	341	"	2	9	58	9	9	
Screws 4"	Doz	1½	"	1½	"	5	6	"	8	3	
Bengal Hasps 1"	No.	121	"	121	per 100 2	8	"	3	0	5	
Do 3/4"	"	128	"	128	per 100 1	14	"	2	6	5	
Iron fastening hooks 1½"	"	20	"	20	"	2	"	2	8	"	
Do 1"	"	4	"	4	"	1	3	"	5	"	
Do 3"	"	20	"	20	"	"	9	"	15	"	
Brass door locks 8"	"	7	"	7	4	"	"	28	"	"	
Do Mounted screw 2½"	Doz	3½	"	3½	"	5	6	1	3	3	
Mamootees	No.	4	"	4	"	6	6	1	10	"	
Earthern Balstrade	"	320	"	320	"	1	3	25	"	"	
Wax	Viss	2	"	2	1	14	"	3	12	"	
Borax	"	4	"	4	"	6	"	1	8	"	
Wood oil	Measure	8	"	8	"	9	"	4	8	"	
White dammer	Viss	15	"	15	"	14	"	5	3	"	
Europe Verdigrees	"	10½	"	10½	2	10	"	27	9	"	
White lead	"	79	"	79	"	10	"	49	6	"	
Linseed oil	Gallon	30½	"	30½	2	12	"	83	14	"	
C. O								1983	8	9	

Name of Articles	S	U	Total	Value	Amount	Remarks
Brought over					1983 8 9	
Iron round bolts 4½ ft	№ 3	"	3	1 15 6	5 14 6	
Do 3½ ft	" 4	"	4	1 8 6	6 2 "	
Do 1½ ft	" 7	"	7	0 10 6	4 9 6	
Do 1 ft	" 6	"	6	" 7 0	2 10 "	
Zinc spout 4" dr with iron clamps and Elbows	Rft 54	"	54	" 7 3	24 7 6	
Iron strong folding hinges 1'-4"	№ 78	"	78	2 8 6	195 " "	
Do Do 1'-1"	" 84	"	84	2 " "	168 " "	
Total Rupees					2390 4 3	

The prices in the above are the cost prices

J. J.
28/2/80

List of Tools and Plant in the Presidency Division Store.

Name of Articles	S	U	Total	Value	Amount	Remarks
Adzes	№ 2	"	2	1	2	
Axes pick	" 86	"	86	" 12 "	64 8 "	
Axes filling	" 6	"	6	" 10 "	3 12 "	
Axes filling hand	" 11	"	11	" 6 "	4 2 "	
Anvils	" 15	"	15	25 " "	375 " "	
Asphalte boiler	" 2	"	2	5 " "	10 " "	
Bench carpenter	" 8	"	8	7 8 "	60 " "	
Brass scale 1 to 28 lbs	" 1	"	1	37 " "	37 " "	
Do Scale Small	" 1	"	1	4 " "	4 " "	
Beam scale copper 1 to 28 lbs	" 2	"	2	40 " "	80 " "	
Do 1 oz to 7 lbs	" 1	"	1	10 " "	10 " "	
Do ¼ oz to 4 lbs	" 2	"	2	7 " "	14	
Bill hooks cutting fork	" 1	"	1	" 4 "	" 4 "	
Borrow wheel	" 2	"	2	10 " "	20 " "	
Bellow large	" 4	"	4	5 " "	20 " "	
Block wooden of sizes	" 4	"	4	" 8 "	4 " "	
Beak Iron	" 1	"	1	5 " "	5 " "	
Brace ratched	" 5	"	5	2 " "	10 " "	
Bill hooks	" 33	"	33	" 8 "	16 8 "	
Block brass shives Single 7"	" 2	"	2	5 8 "	11 " "	
Do Double 7"	" 3	"	3	7 " "	21 " "	
Do Trible 7"	" 3	"	3	8 8 "	25 8 "	
Do Single 6"	" 2	"	2	5	10 " "	
Do Double 6"	" 1	"	1	6 8 "	6 8 "	
Do Trible 6"	" 1	"	1	8 " "	8 " "	
Do Single 3"	" 2	"	2	1 " "	2 " "	
Do Double 3"	" 1	"	1	1 8 "	1 8 "	
Do Trible 3"	" 1	"	1	2 " "	2 " "	
Do Zinc Double 6"	" 2	"	2	5 " "	10 " "	
			C. over		837 10 "	

Name of Articles		S	U	Total	Value			Amount			Remarks
		Brought over						837	10	o	
Block Iron Shives Snatch	No	2	„	2	5	„	„	10	o	o	
Compass	„	1	„	1	„	6	o	„	6	o	
Caulipher	„	5	„	5	„	4	o	1	4	o	
Chest carpenter with Padlock	„	4	1	5	1	„	„	4	o	„	
Cart Small common	„	4	„	4	5	o	o	20	o	o	
Cart with cask	„	3	„	3	8	„	„	24	o	o	
Claw crowbars	„	50	„	50	1	4	o	62	8	o	
Crowbars Small	„	67	„	67	„	10	o	41	14	o	
Do Large	„	60	„	60	o	12	o	45	o	o	
Forge Smith Small	„	„	1	1	o	„	o	o	„	o	
Gimlets	„	2	„	2	„	2	o	o	4	o	
½ Gallen pot copper	„	1	„	1	1	o	o	1	o	o	
Grinding Stone	„	„	2	2	o	o	o	o	o	o	Broken
Hammer Sledge	„	25	„	25	1	o	o	25	o	o	
Do Smith large	„	4	„	4	o	12	o	3	o	o	
Do breaking Stone	„	27	„	27	o	1	6	2	8	6	
Do Dressing Stone large	„	10	„	10	o	4	o	o	4	o	
Do do Small	.	50	„	50	o	2	o	6	4	o	
Do hand	„	9	„	9	„	2	o	1	2	o	
Hand press	.	1	„	1	15	-	-	15	-	-	
Iron cash chest	„	2	„	2	100	6	6	200	13	o	
Iron Scraper	„	20	„	20	o	1	6	1	14	o	
Jumpers	„	3	„	3	4	o	o	12	-	-	
Do Small pieces	.	8	„	8	„	1	-	-	8	-	
Ladder wooden	.	4	„	4	2	-	-	8	-	-	
Mannootees	„	95	„	95	„	12	o	71	4	o	
Measuring poles	.	3	.	3	o	8	.	1	8	o	
Phoros lamp	„	„	1	1	o	o	o	-	o	o	
		Carried Over						1396	15	6	

Name of Articles		S	U	Total	Value			Amount			Remarks
		Brought over						1396	15	6	
Pincers	No	10	„	10	o	4	o	2	8	o	
Portable forge with bellows	„	1	„	1	20	o	o	20	o	o	
Paint grinding Stone	„	2	„	2	2	o	o	4	o	o	
Do with ruble	„	4	o	4	1	o	o	4	o	o	
Palmyrah Scaffolding	„	2285	„	2285	per 100 5	o	o	114	4	o	A
Rope white 5½ & 4½	lbs	2476	„	2476	o	o	6	77	6	-	
Screw wrench spanner	No	2	o	2	1	o	o	2	o	o	
Set steel for hand saw	„	1	„	1	o	4	o	..	4	o	
Square T	„	1	o	1	o	1	o	o	1	o	
Square joining Steel bleeds	„	3	o	3	o	11	o	2	1	o	
Scale	„	1	„	1	5	o	o	5	o	o	
Sawtenon	„	2	„	2	1	o	o	2	o	o	
Stone oil	„	1	o	1	o	2	o	o	2	o	
Sap hooks	„	38	„	38	1	o	o	38	o	o	
Setter for pit saw	„	1	o	1	o	4	o	o	4	o	
Swords	„	11	„	11	o	8	o	5	8	o	
Screw plate and Taps	„	1	„	1	5	o	o	5	o	o	
Smith Tools set box	„	2	„	2	50	o	o	100	o	o	
Do without box	„	1	o	1	25	o	o	25	o	o	
Saw bow with frames	„	1	o	1	o	4	o	o	4	o	
Saw pits	„	10	„	10	3	o	o	30	o	o	
Saw hack with bleeds	„	1	„	1	1	o	o	1	o	o	
Saw hand	„	2	o	2	o	12	o	1	8	o	
Spades	„	15	„	15	1	2	o	16	14	o	
Stock with dies 1½" to ¾"	„	2	„	2	65	o	o	130	o	o	
Do 2¾ to 2¼"	„	1	„	1	200	-	-	200	o	o	
Do 2" to 1⅝	„	1	„	1	125	o	o	125	o	o	
Do 1½" to 1⅛"	„	1	o	1	85	o	o	85	o	o	
		C. Over						2393	15	6	

Name of Articles		S	U	Total	Value			Amount			Remarks
Brought over								2393	15	6	
Stock with dies 1" to 3/4"	No	1	„	1	45	„	„	45	„	„	
Do 5/8" to 1/4"	„	1	„	1	30	„	„	30	„	„	
Triangle Scale with 18 weights	„	1	„	1	75	„	„	75	„	„	
Do with 30 weights 2 broken	„	1	„	1	100	„	„	100	„	„	
Truck	„	1	„	1	5	„	„	5	„	„	
Turner tools	Set	2	„	2	30	„	„	60	„	„	
Timber transport Carriage	„	1	„	1	25	„	„	25	„	„	
Vice hand	„	2	„	2	„	8	„	1	„	„	
Do Bench	„	5	„	5	1	„	„	5	„	„	
Do Standing	„	2	„	2	5	„	„	10	„	„	
Value Cast iron	„	„	2	2	-	-	-	-	-	-	
Do pipe 2' long 4" dr	„	„	1	1	-	-	-	-	-	-	
Weight brass 1 mond	„	1	„	1	10	„	„	10	„	„	
Do 1/2 „	„	1	„	1	5	„	„	5	„	„	
Do 1/4 „	„	1	„	1	2	8	„	2	8	„	
Do 1 Sirs	„	1	„	1	1	4	„	1	4	„	
Do 1/2 „	„	1	„	1	„	10	„	„	10	„	
Do 1/4 „	„	1	„	1	„	5	„	„	5	„	
Do 1 Pulin	„	9	„	9	„	1	„	„	9	„	
Do 1/2 „	„	1	„	1	„	„	9	„	„	9	
Do 1/4 „	„	1	„	1	„	„	6	„	„	6	
Do 1/8 „	„	1	„	1	„	„	3	„	„	3	
Do 1 Tolla	„	1	„	1	„	„	6	„	„	6	
Weight Iron 12 pieces	Set	1	„	1	1	8	„	1	8	„	
Total Rupees								2771	13	6	

The prices given is the present approximate Value.

J.J.
28/2/80

List of Machinery in the Presidency Division Store

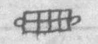
Name of Machinery		S	U	Total	Value			Amount			Remarks
Apparatus boring	Set	1	„	1	75	„	„	75	„	„	
Apparatus Kyanizing Powder	„	„	1	1	„	„	„	„	„	„	
Cramp Screw Small	No	4	„	4	1	12	„	7	„	„	
Do Large	„	2	„	2	4	„	„	8	„	„	
Crab Single	„	2	„	2	25	„	„	50	„	„	
Do Double	„	3	„	3	40	„	„	120	„	„	
Engine Fire	„	1	„	1	250	„	„	250	„	„	
Jack Screw 2 Tons	„	1	„	1	10	„	„	10	„	„	
Do 4 Tons	„	1	„	1	20	„	„	20	„	„	
Lathe 10" — 12 ft bed	„	1	„	1	200	„	„	200	„	„	
Do 12" 5 ft „	„	1	„	1	125	„	„	125	„	„	
Machine punching & shearing	„	2	„	2	100	„	„	100	„	„	
Machine weighing	„	1	„	1	50	„	„	50	„	„	
Pump hand 3" dr with 5 pipes	„	1	„	1	30	„	„	30	„	„	
Pump hand Rotatary 2nd Sort	„	„	1	1	10	„	„	10	„	„	
Do 3rd Sort	„	„	1	1	7	8	„	7	8	„	
Saw circular with tables	„	1	„	1	75	„	„	75	„	„	
Turband water wheel	„	1	„	1	75	„	„	75	„	„	
Crane to lift	„	1	„	1	30	„	„	30	„	„	
Apparatus for boring pipe		10	„	10	10	„	„	10	„	„	
Total Rupees								1252	8	„	

The prices given is the present approximate Value.

J.J.
28/2/80

List of old building Materials and Sundry articles &ca in the Division office on the 15th February 1880.

Name of articles		S	U	Total	Value			Amount			Remarks
Asphalte boiler	No	„	1	1	„	„	„				
Axes	„	1	„	1	„	10	„	„	10	„	
Axes pick	„	5	„	5	„	12	„	3	12	„	
Asphalte New	Lbs	485	„	485	„	„	„	12	8	„	
Asphalte old about	Tons	11	„	11	10	„	„	110			
Brass Cock 1" & ¾" dr	No	41	„	41	„	12	„	30	12	„	
Brass plug for water cask	„	„	1	1	„	„	„	„	„	„	
Block wooden	„	1	„	1	„	6	„	„	6	„	
Bottom planks for Post	„	2	„	2	„	4	„	„	8	„	
Barrow wheel	„	1	„	1	10	„	„	10	„	„	
Ball Dredgers iron	„	3	„	3	90	„	„	270	„	„	
Bellows (useless)	„	„	3	3	„	„	„				
Box wooden large	„	1	„	1	4	„	„	4	„	„	
Copper rod lightning Condr 1" dr	Rft	50	„	50	„	12	„	37	8	„	
Copper boiler	No	1	+	1	15	„	„	15	„	„	
Copper pipe 20' long 1½" dr	No	1	+	1	15	„	„	15	„	„	
Do 3' long 1" dr	„	1	„	1	2	4	„	2	4	„	
Cast iron Cistern 1½ × 2 × 2' New	„	1	„	1	14	„	„	14	„	„	
Cooking range new	„	1	„	1	25	„	„	25	„	„	
Do Duffs old pieces	„	„	5	5	„	„	„	„	„	„	
Crow bars large	„	30	„	30	„	12	„	22	8	„	
Crow bars small pieces	„	„	35	35	„	„	„	„	„	„	
Chairs broken	„	„	7	7	„	„	„	„	„	„	
Casks empty Gun powder	„	2	„	2	„	8	„	1	„	„	
Casks Large	„	„	7	7	„	„	„	„	„	„	
Cast iron Columns with Caps 12 ft long 2' dr	„	3	„	3	40	„	„	120	„	„	

Name of articles		S	U	Total	Value			Amount			Remarks
B. Over								694	12	„	
Cast iron Wheels	Pair	10	„	10	2	„	„	20	„	„	
Do Covers 	No	5	„	5	1	„	„	5	„	„	
Do Guard stone	„	9	„	9	3	„	„	27	„	„	
Do Do another kind	„	3	„	3	2	„	„	6	„	„	
Cast iron Boiler	„	„	2	2	„	„	„	„	„	„	
Do Post 5' long for railings	„	26	„	26	„	8	„	13	„	„	
Do Do ornamental 5' long	„	1	„	1	„	8	„	„	8	„	
Do Do Do 3½' long	„	1	„	1	„	6	„	„	6	„	
Do Do for bridge railings	„	8	„	8	„	4	„	2	„	„	
Do Do	„	6	„	6	„	4	„	1	8	„	
Do Do Holder	„	9	„	9	„	2	„	1	2	„	
Do T revetting at bottom of railings	„	58	„	58	„	1	„	3	10	„	
Do Spiks	„	25	„	25	„	1	„	1	9	„	
Do Bottom for spiks	„	60	„	60	„	„	6	1	14	„	
Do Stand for railings	„	19	„	19	„	2	„	2	6	„	
Do Socket Pipe Do Socket pipe 7" dr 9½' long	„	6	„	6	12	„	„	72	„	„	
Do Bend	„	5	„	5	3	„	„	15	„	„	
Do tee pieces	„	3	„	3	2	8	„	7	8	„	
Do Socket pipe 3" dr 9' long	„	44	„	44	5	„	„	220	„	„	
Do Do Bend	„	10	„	10	1	„	„	10	„	„	
Do Cut pipe	„	„	7	7	„	„	„	„	„	„	
Do Flange pipe 5" dr 9' long	„	20	„	20	6	„	„	120	„	„	
Do Do Bend	„	15	„	15	1	8	„	22	8	„	
Do Do T	„	5	„	5	2	„	„	10	„	„	
Do Do T another kind	„	8	„	8	2	„	„	16	„	„	
Do Do 3" T	„	20	„	20	1	8	„	30	„	„	
Do Do Bend	„	5	„	5	1	„	„	5	„	„	
Do Do pipe 2" dr 6 ft long	„	48	„	48	2	„	„	96	„	„	
C. Over								1404	11	„	

Name of articles		S	U	Total	Value			Amount			Remarks
Brought over								1404	11	.	
C. I. Plate, Different sizes	No	60	55	115	.	1	.	3	12	.	
Do Iron socket	„	„	1	1	.	.	.	.	.	.	
Desks	„	„	2	2	.	.	.	.	.	.	
Earthen ventilators	„	5	„	5	.	5	.	1	9	.	
Do Ridge tile	„	12	„	12	.	4	.	3	.	.	
Do Pipe 2' long	„	136	„	136	.	3	.	25	8	.	
Fire bricks old	„	866	„	866	per 1000 20	.	.	17	5	1	
Pile driving Machine wheels	„	4	„	4	1	.	.	4	.	.	
Pivots for traverse plat form	„	8	„	8	.	6	.	3	.	.	
Galvanized iron sheet old	„	„	24	24	.	.	.	.	.	.	
Do Ridge old	Rft		26	26	.	.	.	.	.	.	
Do iron chain	„	25/8	„	25/8	.	.	.	2	.	.	
Glass pieces thick old	No	„	188	188	.	.	.	.	.	.	
Iron rod 10 ft long Square	„	1	„	1	.	4	.	.	4	.	
Do sheets sizes	„	„	38	38	.	.	.	.	.	.	
Do Plate 4½' × 6" × ½"	„	4	„	4	.	12	.	3	.	.	
Do Do 4½' × 3" × ½"	„	2	„	2	.	6	.	.	12	.	
Do Do 6' × 3" × ½"	„	2	„	2	.	8	.	1	.	.	
Do Do 2½' × 2½" × ½"	„	30	.	30	.	2	.	3	12	.	
Do Do 1⅛' × 2¼" × ½"	„	„	100	100	.	.	.	.	.	.	
Do Wedges Small	„	8	„	8	.	2	.	1	.	.	
Do Do Large	„	8	.	8	.	4	.	2	.	.	
Do Clamps ⊏	„	„	50	50	.	.	.	.	.	.	
Do Do ⊐	„	„	14	14	.	.	.	.	.	.	
Do Do ⌴	„	„	52	52	.	.	.	.	.	.	
Do chips	„	„	5	5	.	.	.	.	.	.	
Do Do large	„	„	2	2	.	.	.	.	.	.	
Do Pullies with chain	„	2	.	2	5	.	.	10	.	.	
Do without Chain	„	2	„	2	1	.	.	2	.	.	
Do chain 369 ft	„	1	„	1	92	.	.	92	.	.	
Do Do 238 ft	„	1	„	1	60	.	.	60	.	.	

Carried over 1640 9 1

Name of Articles		S	U	Total	Value			Amount			Remarks
Brought over								1640	9	1	
Iron chain 23 ft 16 ft & 15 ft	No	3	„	3	2	.	.	6	.	.	
Do Hooks for Punkah	„	„	250	250	.	.	.	.	.	.	
Do Corner plate for Do	„	„	22	22	.	.	.	.	.	.	
Do Bar vertically 9 ft	„	5	„	5	1	.	.	5	.	.	
Do Plate Horizontal sizes	„	7	„	7	1	.	.	7	.	.	
Do Hinges Pivot Hooks	„	„	110	110	.	.	.	.	.	.	
Do Bolts ¾'	„	2	„	2	.	4	.	.	8	.	
Do Do ½'	„	4	„	4	.	2	.	.	8	.	
Do Small bolts 3"	„	204	„	204	.	.	6	6	6	.	
Do Bar 1" sqr for Window	„	2	„	2	.	8	.	1	.	.	
Do Rings with wooden pieces	„	16	„	16	.	1	.	1	.	.	
Do Pointer nails	„	„	12	12	.	.	.	.	.	.	
Do Hooks for Door	„	„	17	17	.	.	.	.	.	.	
Do Rings Small & large	„	„	14	14	.	.	.	.	.	.	
Do Scraper	„	„	9	9	.	.	.	.	.	.	
Do Boiler with Truck	„	1	„	1	5	.	.	5	.	.	
Do Buckets for pickattah	„	„	5	5	.	.	.	.	.	.	
Do Railings	„	9	„	9	3	.	.	27	.	.	
Do do Front of the Godown	Rft	„	60	60	.	.	.	.	.	.	
Do do Small	No	„	2	2	.	.	.	.	.	.	
Do Railings for Garden	Rft	150	150	150	.	.	.	.	.	.	
Do Boxes	No	„	2	2	.	.	.	.	.	.	
Do thing near the coach shed wall	No	„	1	1	.	.	.	.	.	.	
Do Jumper	„	7	„	7	2	.	.	14	.	.	
Lead Plummets	„	4	„	4	.	2	.	.	8	.	
Lead pipe 2" do	Rft	30½	~~30½~~	30½	.	2	6	4	12	3	
Lead pipe 1" do	„	50	~~50~~	50	.	1	6	4	11	.	
Mamootees	No	3	„	3	.	12	.	2	4	.	
Monkey (wooden)	„	1	2	3	1	8	.	1	8	.	
Nippers iron	„	2	„	2	15	.	.	30	.	.	

C. over 1757 10 4

Name of Articles		S	U	Total	Value	Amount	Remarks
Brought over						1757 10 4	
Nippers iron another kind	No.	2	„	2	15 · ·	30 · ·	
Do Screw Straining	„	2	„	2	10 · ·	20 · ·	
Pug mill	„	1	„	1	10 · ·	10 · ·	
Pickotta pieces	„	„	2	2	„ · ·	· · ·	
Pullies wooden Small	„	37	„	37	„ 1 ·	2 5 ·	
Paper lift, wooden,	„	1	„	1	4 · ·	4 · ·	
Rock pick	„	5	„	5	1 · ·	5 · ·	
Rammers iron	„	25	„	25	„ 12 ·	18 12 ·	
Do wooden	„	„	8	8	· · ·	· · ·	
Rattan Mat	Sqft	„	329	329	· · ·	· · ·	
Do Blind	No.	„	1	1	· · ·	· · ·	
Stand pipe 4' long	„	1	·	1	10 · ·	10 · ·	
Do 2' long	„	1	„	1	5 · ·	5 · ·	
Sentry boxes		„	5	5	· · ·	· · ·	
Sun shed	„	5	2	7	3 · ·	15 · ·	
Stone square	„	4	„	4	· 4 ·	1 · ·	
Do thick Stone slabs	Sqft	90	·	90	· 4 ·	22 8 ·	
Do Syze for Cast iron post	No.	25	„	25	· 4 ·	6 4 ·	
Telegraph wire (1 bundle use for ship 3")	„		1	1	· · ·	· · ·	
Triangle Δ wooden	„	1	„	1	2 · ·	2 · ·	
Table or Large Benches	„	4	„	4	3 · ·	12 · ·	
Tubs	„	·	16	16	· · ·	· · ·	
Valve (brass) with iron bolt	„	1	·	1	2 · ·	2 · ·	
Wrought iron pipe 1½" dr.	Rft	145	„	145	· 4 6	40 12 6	used up
Do 1" dr	„	393	„	393	· 3 ·	73 11 ·	
Water spouts (wooden old	„	„	55	55	· · ·	· · ·	
Doors & Windows							
Gate door strong battaned shutter 9'×8'	„	·	2	2	· · ·	· · ·	
Do Do 5'×7½'	„	„	2	2	· · ·	· · ·	
Do Battened & railing shutter 5'×9'	„	„	2	2	· · ·	· · ·	
Do Do 6'×8'	„	„	2	2	„ · ·	· · ·	
Do Railing (brokend) 4½'×6½'	„	„	2	2	· · ·	· · ·	
Shutter for Funnel with brass nails 11'×5¾'	„	·	1	1	· · ·	· · ·	
Do Do 6×4¼	„	·	1	1	· · ·	· · ·	
						2037 15 10	

C. Auer

Name of Articles		S	U	Total	Value	Amount	Remarks
Brought over						2037 15 10	
Shutter for Fortification with brass nails 7'×3½'	No.	·	4	4	„ · ·	· · ·	
Do Do with brass hinges 7'×3½'	„	2	„	„	10 · ·	20 · ·	
Do Iron nails 7×3½'	„	„	22	22	· · ·	· · ·	
Do (opening in centre) 7'×3½'	„	·	9	9	· · ·	· · ·	
Railings 10½' long 5	„	1	„	1	7 · ·	7 · ·	
Do Shutter 7'×3½'	„	~~2~~	2	2	· · ·	· · ·	
Door Venition shutter 1¾'×10'	„	60	„	60	3 4 „	195 · ·	
Do Do 2¼'×10'	„	10	·	10	4 2 ·	41 4 ·	
Do Do 2'-5"×8¼'	„	7	„	7	3 12 ·	26 4 ·	
Do Do 2'-5"×10'	„	10	·	10	4 8 ·	45 · ·	
Do Frame shutter only Do	„	„	4	4	· · ·	· · ·	
Do Venition shutter 2½'×8½'	·	·	2	2	· · ·	· · ·	
Do Do 1¼'×5½'	„	4	·	4	1 8 ·	6 · ·	
Venition Plank	„	2084	·	2084	· · 3	32 9 ·	
Do Shutter 1'-8"×5'-6"	„	6	·	6	2 · ·	12 · ·	
Do Do 2'×3'	„	2	·	2	1 4 ·	2 8 ·	
Do Windows 3×4'	„	4	„	4	2 3 ·	8 12 ·	
Do Do 1'-11"×2'-10"	„	4	·	4	1 4 ·	5 · ·	
Pannelled & Venition shutter 2¾'×9½'	„	20	·	20	5 4 ·	105 · ·	
Do Do 2'-6"×7'-6"	„	2	·	2	3 8 ·	7 · ·	
Do Do 1'-9"×6'-6"	„	2	·	2	2 8 ·	5 · ·	
Do Shutter 1'-9×5'-9'	„	2	„	2	2 4 ·	4 8 ·	
Do & Venition shutter 2⅓'×9½	„	2	·	2	5 · ·	10 · ·	
Do Glazed shutter 2'×7½'	„	2	„	2	3 · ·	6 · ·	
Do Shutter 2½'×8'	„	2	„	2	3 12 ·	7 8 ·	
Battened shutter brokened	„	·	18	18	· · ·	· · ·	
Do Do Large 2¾'×9¼'	„	2	„	2	5 4 ·	10 8 ·	
Do Do 5×1⅔	„	8	·	8	2 · ·	16 · ·	
Do Do 1'-5"×4½'	„	6	·	6	1 12 ·	10 8 ·	
Do Do 1'-5"×4¼'	„	4	„	4	1 8 ·	6 · ·	
Glazed shutter thick 2½'×8'	„	30	„	30	5 · ·	150 · ·	
Do thin 2¼'×8½'	„	8	·	8	4 4 ·	34 · ·	
Do 1¾'×6½'	„	4	„	4	3 · ·	12 · ·	
Do 2'×6'	„	4	·	4	3 · ·	12 · ·	
Do 2¼'×4'	„	2	„	2	2 4 ·	4 8 ·	
Do Small 1½'×2½'	„	·	4	4	· · ·	· · ·	
Do attic windows 3'-3"×2'-6"	·	2	·	2	2 · ·	4 · ·	
Do Fanlight, broken 8'×3½'	·	„	23	23	· · ·	· · ·	
Do Do 7'×1½'	„	2	·	2	2 10 ·	5 4 ·	
Canvas Screen 1×20¾×7¾ & 1×10¾×7¾	„	2	„	2	7 · ·	14 · ·	
						2863 · 10	

C. Auer

Name of articles		S	U	Total	Value			Amount			Remarks
Brought over								2863	·	10	
Paper screen shutter 2'-3"×5'	No.	8	·	8	1	6	·	11	·	·	
Do 2'×5¼'	·	6	·	6	1	5	·	7	14	·	
Do 2'×4½'	·	2	·	2	1	2	·	2	4	·	
Do 2¼'×6'	·	2	·	2	1	11	·	3	6	·	
Cloth Screen 2¼'×4'	·	2	·	2	·	4	6	·	9	·	
Do 3½'×2¼'	·	4	·	4	·	4	·	1	·	·	
Do 3'×2'	·	2	·	2	·	3	·	·	6	·	
Joist, Teak wood	·	·	5	5	·	·	·	·	·	·	
Beams sizes	·	16	·	16	4	·	·	64	·	·	
Planks	·	84	·	84	1	4	·	105	·	·	
Hand rails for bridge	·	·	159	159	·	·	·	·	·	·	
Do Post Small	·	4	·	4	·	2	·	·	8	·	
Do Sleepers	·	4	·	4	·	12	·	3	·	·	
Post for Stair case	·	3	·	3	·	2	·	·	6	·	
Do Small	·	110	·	110	·	1	·	6	14	·	
Railings 3½' height	Rft	98	·	98	·	8	·	49	·	·	
Do Post	No	10	·	10	·	8	·	5	·	·	
Do Shutters or Gates	·	7	·	7	1	·	·	7	·	·	
Ladder A	·	·	1	1	·	·	·	·	·	·	
Do Large 13¼ ft long	·	·	1	1	·	·	·	·	·	·	
Door side frames top & bottom		12	·	12	·	4	·	3	·	·	
Do Do 3 Side	·	2	·	2	·	12	·	1	8	·	
Window frame Small	·	2	·	2	·	2	·	·	4	·	
Reepers Teak	Rft	1222	·	1222	·	·	·	20	·	·	
Palmyra Scafolding pieces	No	·	658	658	·	·	·	·	·	·	
Do Rafters	·	·	62	62	·	·	·	·	·	·	
Do Reepers	·	·	5330	5330	·	·	·	·	·	·	
Do Do pieces bundle	·	·	111	111	·	·	·	·	·	·	
Casuriana posts	·	133	·	133	·	14	·	116	6	·	
Do New	·	54	·	54	1	6	·	74	4	·	
Jungle wood posts	·	·	163	163	·	·	·	·	·	·	
Do pieces	·	·	78	78	·	·	·	·	·	·	
Bamboo common	·	·	344	344	·	·	·	·	·	·	
Mango plank 3" thick	Rft	·	555	555	·	·	·	·	·	·	
Large quantity of old iron	·	·	·		·	·	·	·	·	·	
Total Rupees								3345	9	10	

The price's given is the present approximate Value.

28/2/80

List of Famine Relief Tools in the Presidency Division

Name of articles		S	U	Total	Value			Amount			Remarks
Famine Tools											
Compass Presmatic with Stand	No.	2	·	2	28	·	·	56	·	·	
Levelling Instruments 14"	·	1	·	1	100	·	·	100	·	·	
Do Do 12"	·	1	·	1	70	·	·	70	·	·	
Staves Telescopic	·	2	·	2	10	·	·	20	·	·	
Tape Metalic 100 ft	·	·	12	12	·	·	·	·	·	·	
Do 50 ft	·	·	10	10	·	·	·	·	·	·	
Furnitures											
Box Small	·	·	2	2	·	·	·	·	·	·	
Brass Seal	·	·	1	1	·	·	·	·	·	·	
Brass Cock	·	1	·	1	1	·	·	1	·	·	
Benches	·	·	7	7	·	·	·	·	·	·	
Cash chest iron large	·	2	·	2	175 120	:	:	295	·	·	
Do Small	·	4	·	4	40	·	·	160	·	·	
Chubbs padlocks	·	2	·	2	2	·	·	4	·	·	
Chairs	·	·	18	18	·	·	·	·	·	·	
Desk Small	·	·	2	2	·	·	·	·	·	·	
Deal Boxes	·	·	10	10	·	·	·	·	·	·	
Gum bottle	·	·	1	1	·	·	·	·	·	·	
Hand box	·	·	3	3	·	·	·	·	·	·	
Ink bottle common	·	·	7	7	·	·	·	·	·	·	
Medicine chests	·	1	·	1	2	·	·	2	·	·	
Penknife country	·	·	2	2	·	·	·	·	·	·	
Paper weights	·	3	·	3	·	·	6	·	1	6	
Padlock iron common	·	·	6	6	·	·	·	·	·	·	
Record box	·	2	·	2	3	·	·	6	·	·	
Ruler wooden	·	4	·	4	·	·	6	·	2	·	
Scissors	·	1	·	1	·	1	·	·	1	·	
Tin box	·	·	1	1	·	·	·	·	·	·	
Tables	·	5	·	5	3	·	·	15	·	·	
								729	4	6	

C. Ouer

Name of Articles		S	U	Total	Value	Amount	Remarks
Tools and Plant	Brought over					729 4 6	
Axes pick	No	738	8	746	. 12 .	553 8 .	
Axes filling	"	113	8	121	. 10 .	70 10 .	
Adzes	"	47	.	47	1 . .	47 . .	
Asphalte rake	"	1.	"	1	. 8 .	. 8 .	
Arche medeain Screw	"	5	.	5	10 . .	50 . .	
Bill hooks	"	132	28	160	. 8 .	66 . .	
Bell brass	"	1	"	1	1 8 .	1 8 .	
Block single & Double 3½" rope	"	9	"	9	10 8 .	94 8 .	
Do 4½" " Iron	"	3	.	3	10 . .	30 . .	
Do 2½" "	"	5	.	5	3 . .	15 . .	
Do differental Pully with chain	.	3	.	3	182 8	547 8 .	
Brass Tamping bars 2" hole 3' long	"	2	"	2	8 9 .	17 2 .	
Buckets for pickottah	"	"	114	114	. . .	. . .	
Do Small	.	.	2	2	. . .	. . .	
Bell crank	"	1	.	1	1 . .	1 . .	
Bricklayers levels	"	14	.	14	. 8 .	7 . .	
Do Small	"	7	5	12	. 4 .	3 . .	
Do Mould Small	"	17	.	17	. 1 6	1 9 6	
Baskets woodder	"	"	406	406	. . .	. . .	
Blue cloth pieces	.	.	8	8	. . .	. . .	
Barrels for Gun Powder empty	.	.	1	1	. . .	. . .	
Do tar empty	"	.	3	3	. . .	. . .	
Barrels Broken	.	"	33	33	. . .	. . .	
Do Asphalte full	"	2	.	2	10 . .	20 . .	
Do Cement empty	"	.	5	5	. . .	. . .	
Do cement full	"	2	.	2	7 . .	14 . .	
Do McDowells Powder full	.	20	.	20	5 . .	100 . .	
Do Do ½ full	.	.	6	6	. . .	. . .	
Braken barrel with handle	.	.	8	8	. . .	. . .	
Barrel pieces	.	.	212	212	. . .	. . .	
Bailing baskets	.	.	24	24	. . .	. . .	
	C. over					2369 2 .	

Name of articles		S	U	Total	Value	Amount	Remarks
	Brought over					2369 2 .	
Cubic Moulds	No	.	10	10	. . .	. . .	
Concrete box	.	.	1	1	. . .	. . .	
Do Mould with iron fittings	.	.	4	4	. . .	. . .	
Do Do Small	.	.	5	5	. . .	. . .	
Clippers iron	.	4	.	4	15 . .	60 . .	
crow bars	.	408	.	408	2 . .	816 . .	
Copper needles	.	2	.	2	1 . .	2 . .	
Cross cut saw	.	1	.	1	2 . .	2 . .	
Chain iron 60 ft long	.	1	.	1	21 . .	21 . .	
Do 40 ft long	.	10	.	10	14 . .	140 . .	
Do 10 ft long	.	8	.	8	3 8 .	28 . .	
Do 9 ft long	.	12	.	12	3 . .	36 . .	
Do 7 ft long	.	2	.	2	1 8 .	3 . .	
Cart with broken casks	.	.	16	16	. . .	. . .	
Cart broken pieces	.	.	7	7	. . .	. . .	
Chunam pounder	.	.	16	16	. . .	. . .	
Do Measures	.	.	17	17	. . .	. . .	
Cast iron plate	.	.	16	16	. . .	. . .	
Do 1 sort	"	.	4	4	. . .	. . .	
Do 2 sort	"	"	7	7	. . .	. . .	
Cast iron Rammers	"	104	.	104	. 12 .	78 . .	
Do top pieces	.	.	5	5	. . .	. . .	
Carrugated iron sheets old	.	.	4	4	. . .	. . .	
Chunam grinding mill stones	.	20	.	20	10 . .	200 . .	
Do Small	.	2	.	2	7 . .	14 . .	
Do Large	.	.	1	1	. . .	. . .	
Doly incomplete	.	.	1	1	. . .	. . .	
Do rods	Pair	.	4	4	. . .	. . .	
File or rushs	No	2	.	2	. 8 .	1 . .	
Do round	.	.	2	2	. . .	. . .	
Grinding Stone with rubber	.	.	10	10	. . .	. . .	
Do without rubber	.	.	12	12	. . .	. . .	
Gang boards Small	.	.	57	57	. . .	. . .	
Gate hinges (brokened)	.	.	2	2	. . .	. . .	
	C. over					3770 2 .	

Name of articles		S	U	Total	Value	Amount	Remarks
Broughtover						3770 2 „	
Granite rice morter complete	No	„	21	21	„ „ „	„ „ „	
Do tops	„	„	10	10	„ „ „	„ „ „	
Hammers 16 lbs	„	13	„	13	1 8 „	19 8 „	
Do 12 lbs	„	3	„	3	1 2 „	3 6 „	
Do 9 lbs	„	7	„	7	„ 13 6	5 14 6	
Do 8 lbs	„	25	„	25	„ 12 „	18 12 „	
Do 5 lbs	„	50	„	50	„ 7 6	23 7 „	
Do 4 lbs	„	300	„	300	„ 6 „	112 8 „	
Do 3 lbs	„	12	„	12	„ 4 6	3 6 „	
Do 1 lbs	„	50	„	50	„ 1 6	4 11 „	
Do Sledge	„	„	12	12	„ „ „	„ „ „	
Hemp rope 2" thick	Rft	639	„	639	„ „ 6	19-14-6	
Do 1"	„	505	„	505	„ „ 3	7 14 3	
Do thin	„	160	„	160	„ „ 3	2 8 „	
Hoops of the Barrels broken	„	~~160~~	169	169	„ „ „	„ „ „	
Iron pointer	„	15	„	15	„ 1 „	„ 15 „	
Do Scale Salters	„	1	„	1	1 „ „	1 „ „	
Do Tubs sizes	„	„	15	15	„ „ „	„ „ „	
Do Pipe 1½ ft Do 8 ft long	„	1	„	1	16 „ „	16 „ „	
Do Patent mills complete	„	2	„	2	„	1100 „ „	
Do Rails	„	17	„	17	7 „ „	119 „ „	
Do Bar diagonal single	„	20	„	20	1 8 „	30 „ „	
Do Pivot nails of mortar mill	No	6	6	6	„ ~~9~~ „	„ „ „	
Do Plate	„	6	„	6	„ 1 6	„ 9 „	
Do Hooks	„	6	„	6	„ „ 6	„ 3 „	
Do Mortar mill	„	„	6	6	„ „ „	„ „ „	
Do Rings Do	„	„	6	6	„ „ „	„ „ „	
Do Screw nails 6" long	„	32	„	32	„ „ 7	1 2 8	
Do Do 5" Do	„	51	„	51	„ „ 6	1 9 6	
Iron things Misalaniaus	lbs	„	28	28	„ „ „	„ „ „	
C. over						5262 6 5	

Name of articles		S	U	Total	Value	Amount	Remarks
Brought over						5262 6 5	
Iron washer	No	„	10	10	„ „ „	„ „ „	
Do Small	„	„	36	36	„ „ „	„ „ „	
Do Handles	„	„	2	2	„ „ „	„ „ „	
Jumper large and Small	„	46	„	46	3 „ „	138 „ „	
Lead ball or Plummets	„	5	„	5	„ 4 „	1 4 „	
Leather washer	„	5	„	5	„ „ 6	„ 2 6	
Lanterns	„	„	27	27	„ „ „	„ „ „	
Ladders	„	„	4	4	„ „ „	„ „ „	
Mamoties	„	1973	680	2653	„ 12 „	1479 12 „	
Mallets Small	„	„	15	15	„ „ „	„ „ „	
Do Large	„	„	8	8	„ „ „	„ „ „	
Mango planks 3" thick	„	~~759~~	759	759	„ „ „	„ „ „	
Old Tents	„	„	3	3	„ „ „	„ „ „	
Pump, cistern screws with 4 pipes 9 ft long and one pipe 4 ft long	Sett	2	„	2	30 „ „	60 „ „	
Parah measures	No	„	13	13	„ „ „	„ „ „	
Pallet boards	„	„	38	38	„ „ „	„ „ „	
Pick Quarry or Rock picks	„	20	„	20	1 „ „	20 „ „	
Rod 10 ft Wooden	„	5	1	6	„ 8 „	3 „ „	
Rice measures	„	„	1	1	„ „ „	„ „ „	
Do different sizes	„	„	27	27	„ „ „	„ „ „	
Rice beaters	„	„	118	118	„ „ „	„ „ „	
Scrappers wooden	„	36	„	36	„ „ 1	„ 3 „	
C. over						6964 11 11	

Name of articles		S	U	Total	Value	Amount	Remarks
Brought over						6964 11 11	
Shovels or Spade	No	12	8	20	1 2 .	13 8 .	
Seives iron	.	.	8	8	. . .	. . .	
Do Ratan	.	.	4	4	. . .	. . .	
Square Carpenter wooden	.	.	5	5	. . .	. . .	
Spoons Ladle	.	.	1	1	. . .	. . .	
Stone slabs	.	18	.	18	. 8 .	9 . .	
Stone pieces	.	170	.	170	. 2 .	21 4 .	
Tin vessels Small common	.	4	4	4	. . .	. . .	
Tin Funnells	.	.	16	16	. . .	. . .	
Tin cans or vessels	.	.	6	6	. . .	. . .	
Triangle frame wooden	.	.	1	1	. . .	. . .	
Tubs large wooden	.	.	44	44	. . .	. . .	
Do Small	.	.	62	62	. . .	. . .	
Wheel Borrows	.	36	4	40	10 . .	360 . .	
Do Trucks platform	.	20	.	20	10 . .	200 . .	
Wedgers	.	20	20	20	. . .	. . .	
C. Over						7568 7 11	

Name of Articles		S	U	Total	Value	Amount	Remarks
Brought over						7568 7 11	
Wrenches	No	3	1	4	1 . .	3 . .	
Water cans old	.	~~20~~	20	20	. . .	. . .	
Wheels with axles	.	.	2	2	. . .	. . .	
Do without axles Single	.	.	4	4	. . .	. . .	
Zinc buckets	.	9	.	9	. 8 .	4 8 .	
Total Rupees						7,575 15 11	

The prices given is the present approximate Value.

J.J.
28/2/80

List of Gas Materials in the Presidency Division Store.

Name of articles		S	U	Total	Value	Amount	Remarks
Gas Articles							
Stock and dies ¼" and ⅝"	Set	1	"	1			
Do ½" & 1"	"	1	"	1			
Do 1" & 1½"	"	1	"	1			
Do 1½" & 2"	"	1	"	1			
Do ¼" & ⅝" for brass work	"	1	"	1			
Rymers 2", 1½", 1", ¼"	"	1	"	1			
Tube lure	No	1	"	1			
Pliers Gas fitters	"	6	"	6			
Augers worm	"	4	"	4			
Pipe cutter large	"	1	"	1			
Cast steel yarming Tools	"	2	"	2			
Drillings clips	"	1	"	1			
Drills for hand brow	"	1	"	1			
Spanners for cocks	"	7	"	7			
Do Back nuts	"	8	"	8			
Pipe Tongs ¾", 1", 1¼", 1½", 2", 2¼"	Set	1	"	1			
Portable vice bench paralel one	No	1	"	1			
Vice Parallel	"	1	"	1			
Plug	"	7	"	7			
Hand hammer	"	2	"	2			

Name of articles		S	U	Total	Value	Amount	Remarks
Fire clay Retarts	No	6	"	6			
Cast iron and Retarts long	"	4	"	4			
Do Do Short	"	4	"	4			
Do Do at Battom	"	4	"	4			
Mouth pieces	"	1	"	1			
Do Covering Plate ⊕	"	13	"	13			
Do Do ⊖	"	13	"	13			
3" Way Pipe box ▭	"	1	"	1			
Socket pipes 9' long 3" do	"	16	"	16			
Do 9' long 4" do	"	29	"	29			
Do Bend 4" do	"	6	"	6			
Do Pipe 6ft long 1½" do	"	566	"	566			
Do Do 4' long 1" do	"	2528	"	2528			
Iron chain 22' long	"	6	"	6			
Do hooks large ʅ	"	6	"	6			
Do Do ƨ	"	6	"	6			
Do Do ȣ	"	5	"	5			
Do Do ʚ	"	7	"	7			
Do Handles	"	3	"	3			
Do Jumper	"	1	"	1			
Lead Tube 2"	Rft	12	"	12			
Do 1½"	"	27	"	27			
Do 1"	"	68	"	68			
Do ¾"	"	24	"	24			
Do ½"	"	240	"	240			
Do ⅜"	"	120	"	120			
Brass Main cocks 2"	No	1	"	1			
Do 1½"	"	76	"	76			

Name of Articles		Ş	U	Total	Value	Amount	Remarks
Brass Main cocks 1"	No.	18	"	18			
Brass — Do — $\frac{3}{4}$"	"	10	"	10			
Do $\frac{1}{2}$"	"	109	"	109			
Do $\frac{3}{8}$"	"	534	"	534			
Do $1\frac{1}{2}$"	"	10	"	10			
Do 1"	"	15	"	15			
Union for iron & tin 2"	"	2	"	2			
Do $1\frac{1}{2}$"	"	10	"	10			
Do 1"	"	2	"	2			
Ceiling plate $\frac{1}{2}$"	"	48	"	48			
Do $\frac{3}{8}$"	"	336	"	336			
Elbow cocks & Galleries $\frac{3}{8}$"	"	545	"	545			
Do Drop Screws $\frac{3}{8}$"	"	352	"	352			
Do Do $\frac{1}{2}$"	"	110	"	110			
Do Do 3/4"	"	14	"	14			
Do — — Do 1"	"	2	"	2			
Do Do for tin $\frac{1}{2}$"	"	83	"	83			
Brass liver for Sockets	"	21	"	21			
Liver Lantern Cocks	"	145	"	145			
Copper Syphon pumper	"	125	"	2			
Water guages with Glass tubes	"	4	"	4			
$1\frac{1}{2}$" Cocks brass plug	"	7	"	7			
1" Cocks Do	"	1	"	1			
Indian Rubber Bags for Mains	"	15	"	15			
Wet meter 10 Light	"	1	"	1			
Do 80 Do	"	1	"	1			
Bodies for 15 Sets Pendents	"	2	"	2			
Drop for Do 16 ft long	"	2	"	2			
Bodies for 4 Sets	"	4	"	4			
Do 3 Sets	"	2	"	2			

Name of Articles		Ş	U	Total	Value	Amount	Remarks
Double brackets 2 lights	No.	2	"	2			
Do Joints brackets	"	3	"	3			
6' Bodies for Pendents	"	4	"	4			
2' Drop Tubes	"	2	"	2			
2' long 16 ft & bodies	"	3	"	3			
2' Do 27 ft & bodies	"	1	"	1			
3 ft long 16 ft & bodies	"	2	"	2			
4' 7 ft Do	"	1	"	1			
6' 13 ft Do	"	1	"	1			
Pan head Rivets $\frac{1}{2}$" & $\frac{1}{4}$"	"	3074	"	3074			
Snap Head Rivets $\frac{7}{16}$" × $\frac{1}{4}$"	"	3252	"	3252			
Side Glass	"	1102	"	1102			
Top Glass	"	2211	"	2211			
Bottom Glass	"	403	"	403			
Clear Globes 8"	"	1859	"	1859			
Cut Do Do	"	457	"	457			
Large glass chimnies 3 boxes	"	136	"	136			
Punkah taps with wire guage bottoms, 5 boxes	"	800	"	800			
W. I. Pendents $3\frac{3}{4}$' long $\frac{1}{2}$" dr	"	70	"	70			
" Tubes with couplings" dr		36	"	36			
" Do $1\frac{1}{2}$' long $1\frac{3}{4}$' long	"	8	"	8			
" Do $1\frac{1}{2}$" dr $1\frac{3}{4}$' long	"	103	"	103			
" Do $1\frac{1}{2}$" dr $\frac{1}{2}$' "	"	30	"	30			
" Do 1" dr $\frac{1}{2}$' "	"	5	"	5			
" Do Bend $1\frac{1}{2}$" dr	"	67	"	67			
" Do 1" dr	"	16	"	16			
" Do $\frac{1}{2}$" dr	"	5	"	5			
" Tubes for lamp tops	"	504	"	504			
" Do Pendents 1'-4"-3/4" dr	"	485	"	485			
" Do Rod $6\frac{1}{2}$' long $\frac{3}{4}$"	"	2	"	2			

Name of articles	S	U	Total	Value	Amount	Remarks
W. I. Carraying bars for Retarts	No. 2	"	2			
Do Charging Scoops for retarts	" 1	"	1			
Do Do Small	" 1	"	1			
C. I. 2" Glange bend pipe	" 4	"	4			
Do 3 ft. length 1" pipe fitted with $\frac{3}{8}$" plug	" 28	"	28			
Do Flange & Spigot pipe 1¼' long 1½" do	" 6	"	6			
Do Do $\frac{7}{8}$" do	" 1	"	1			
Do 3" Value with Handles	" 3	"	3			
Do 2" Do	" 1	"	1			
Do Bends 1½"	" 1	"	1			
Do Do 1¼"	" 6	"	6			
Do Pipe 3" ∟ 1½"	" 1	"	1			
Do Demy pipes 2" to 1½"	" 3	"	3			
Do Do 1½" to 1"	" 1	"	1			
Do Tees 1½" to 1"	" 12	"	12			
Do Do 1½"–1"	" 6	"	6			
Do Do 1½"–1–1"	" 7	"	7			
Do Do 5"–2½"–5"	" 1	"	1			
Do Do 5"–2"–5"	" 1	"	1			
Do Do 2"–1½"–1½"	2	"	2			
Do Do 3"–1½–2"	3	"	3			
Do Do 2"–1½"–1½"	2	"	2			
Do Do 1½"—1½"	10	"	10			
Do Do 1½–1½"–1½"	2	"	2			
Do Do 1½"–1"–1½"	1	"	1			
Do Do 1½"–1½"–1½"	2	"	2			
Do Crass $\overset{3''}{\underset{2\frac{1}{2}''}{4''+2''}}$	1	"	1			
Do Do $\overset{1''}{\underset{1''}{2''+2''}}$	1	"	1			
Do Do $\overset{1''}{\underset{1''}{1\frac{1}{2}''+1\frac{1}{2}''}}$	9	"	9			

Name of articles	S	U	Total	Value	Amount	Remarks
C. I. Cross $\overset{1''}{\underset{1''}{1''+1''}}$	No. 2	"	2			
" Do $\overset{1''}{\underset{1''}{1''+1''}}$	" 20	"	20			
" 5" Loos Sockets	" 3	"	3			
" 4" Do	" 3	"	3			
" 3" Do	" 5	"	5			
" 2½" Do	" 5	"	5			
" 2" Do	" 16	"	16			
" 1½" Do	" 16	"	16			
" 4" Flange Sockets Value	" 2	"	2			
" 3" Do	" 3	"	3			
" 2½" Flange Sockets	" 1	"	1			
" 2½" Do Spigots	" 2	"	2			
" 2" Do Sockets	" 3	"	3			
" 2" Do Spigots	" 3	"	3			
" 12" Street Syphon boxes	" 5	"	5			
" 10" Do	" 5	"	5			
" 8" Do	" 1	"	1			
" Scrubbers sieves	" 11	"	11			
" Iron seives, oxide Purifer	" 12	"	12			
" Elbow connection Bend 1"	" 47	"	47			
" Do 1½"	" 72	"	72			
" Syphon traps and covers	" 39	"	39			
" Elbow carriers for Brackets	140		140			
" Lamp Brackets	" 96	"	96			
" Bundles of flat backs for Brackets	" 36	"	36			
" 2½" Belly pipes each 3 ft. long with Socket at both ends & fitted with plug	" 1	"	1			

Name of articles	S	U	Total	Value	Amount	Remarks
Snap head revets 1"×1/4"	No 723	„	723			
Do 1 1/2"×1/4"	„ 230	„	230			
Do 3/4"×1/4"	„ 929	„	929			
Wrought Iron pipe 2" dr.	Rft 22	„	22			
Do Do 1 1/2" dr	„ 557	„	557			
Do Do 1" dr	„ 4346	„	4346			
Do Do 3/4" dr	„ 12080	„	12080			
Do Do 1/2" dr	„ 139 1/2	„	139 1/2			
Do Do 1/4" dr.	„ 1762	„	1762			
Box large	No 2		2			
Coal Several Tons						

T.J.
28/2/80

Cost of the above is unknown.

List of Miscellanious articles - Madras Pier

Name of articles	S	U	Total	Value	Amount	Remarks
C. Iron Pier posts 6" dr 15ft long	No 17	„	17			
Do 9" — Do —	„ 35	„	35			
Do with Screws 9" dr 40ft long	„ 2	„	2			
Do Caps	„ 32	„	32			
Do Tie	„ 33	„	33			
Do Screw large	„ 20	„	20			
Do Do Pipe Small	„ 1	„	1			
Do Sleepers bottom of Iron rails	„ 8	„	8			

T.J.
28/2/80

Cost of the above is unknown.

March
2 ~~February~~
1889

J C Summer

Lieutt.
Actg.
Exec. Engr. Dn

7/1504/80.

P.W.D.
24 MAR 80
No. 2067
47

D. W.

The S.E. has so far as I can see merely thrown at our heads an endless return of serviceable & unserviceable stores without taking any trouble to ascertain what it will be necessary to retain as reserve stock for the Division & disposing of all else as distinctly instructed to do

= In a place like Madras & particularly with the P.W. Stores to fall back on the Reserve stock could I consider be diminished to to almost nothing and the real question seems to me to be how we could best sell off or otherwise dispose of the rest. A glance at the huge returns sent up shows that (1) no practical & complete check can be exercised on the stock now left and (2) that even if practicable it would be only watching a dead horse.

I should be glad to have an office note about the history & cost of the Gas works with the present position and prospects as far as I can judge nothing can at present be more useless

3/6/80

Memo — S. E. D

~~Dr W~~ No 484.

d/12 Feb:

On examining the
Ex Engr workshops
and Stores in the
Fort ~~this morning~~ on the morning of the 7th Inst:
by E. E.
I found an accumulation
of ~~any amount of~~
~~absolute rubbish in~~
~~the shape~~ of old
worthless materials
and tools most of
the latter broken joiners
tools — Stock of
all kinds & also
those with which
the Fort Shops have
little or no connection
e.g. the spare files
and screws of the
Saw file press —
no end of gas piping
burners & glasses &c
gas fittings, which

~~I understand are~~
connected with the
gas works in ~~the~~ Fort
which in the first place → this Department
are not under us, and
second have ~~hitherto~~
failed

It is requested that
~~We should get the~~
lists, numerical and
priced, of all articles → may be submitted
in Store and see ~~the~~ for the consideration of the
what is best to be done C.E., so that a decision
may be arrived at as to the
best mode of dealing with these
stores —

Report is also requested as to
the present position of
the Gas scheme ~~may~~ → an offer for the purchase of the works having been made by ~~the~~ a Bombay firm
~~also be completed at~~
~~estimated in the late~~
~~reports of the [illegible]~~
~~in the Electric light~~
~~promises to revolutionize~~
~~all lighting means~~

It is probable that
~~If~~ ~~the~~ P.W. Workshops will
be again placed under
~~[illegible]~~
the Presidency Engineer, and in that case
very nearly all the requirements
of the Fort ~~could better~~ can probably be
met there in future; the S.E's opinion is requested
on this point — J

9/2/80 ~~[illegible]~~

Let me see the memo
returns issued on the
subject

Qr W

It would be as
well to invite
the S.E. to report
generally on the
State of the Stores
and workshops in
Ft. St. George as
~~is at this place~~
I found on looking
through them the
other day a very
large quantity of
utterly useless
tools & Stock.

Returns of these
should be sent
up with any pro-
posals that the
S.E. may wish
to make (a) as to
their disposal

showing the actual
issues during the
past 5 years
In making his
proposals the SE
may bear in mind
that the when the C.E. quits
the P.W. Workshops
will probably form a Subdivision
under the Presidency
Supt. of Works in view
to which and contemplated changes in
scheme & the mode
of charging the articles
turned out at the
Workshops it may
be feasible to diminish
materially the separate
Estab! in the Fort if
not indeed do away
with it entirely

8/2/80

No 564 d/ 20 Feby: 80
S.E. III

In continuation of
Mem No 404 of 12th
inst the C.E. has
the honor to request
S.E. 3 to forward
with his lists of useless
stock, such proposals as he
may wish to offer &c
(as per (a) in his note)
D.