WORK STUDY REPORT

ON

REVIEW OF STAFF WORKING IN PRINTING PRESS

SHAKURBASTI, NORTHERN RAILWAY

2024-25

WORK STUDY TEAM

SH. RAJEEV YADAV CWSI MEMBER

DATE OF START : 10/07/2024
DATE OF COMPLETION : 16/07/2024

GUIDANCE
BY
SH. S.K.WALIA
AWSO

NO.16-CP/08/WS/2024-25

CENTRAL PLANNING CELL
NORTHERN RAILWAY
BARODA HOUSE
NEW DELHI.

EXECUTIVE SUMMARY

The study of Stationary and Printing Press, SSB was allotted to the Central Planning Cell, HQ Office, on the directives of SDGM/NR to review staff strength of Gr 'C' & 'D' with a view to eliminate the wasteful expenditure and to bring economy in the railway expenditure and to suggest ways and means to improve manpower productivity and efficiency.

STAFF POSITION

The total sanctioned and on roll strength of Group 'C' & 'D' staff working in Stationary and Printing Press, SSB is given below: -

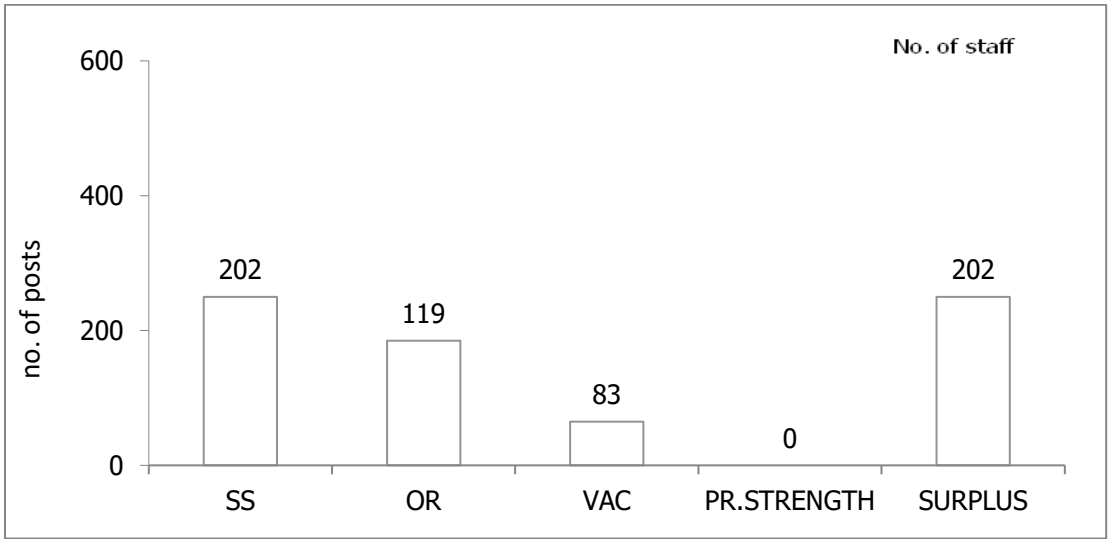
S.No.	Category	S/S	O/R	Variation
1	SSE/JE	18	06	12
2	Sr. Technician	52	48	04
3	Technician-I	83	37	46
4	Technician-II	12	06	06
5	Technician-III	16	21	+05
6	Canteen Manager/Sr. Cook	03	-	03
6	Sales man/Wash boy/Bearer	04	-	04
7	Asstt. Ptg. Press	14	01	13
	Total	202	119	83

Number of posts identified as surplus and recommended for surrender.

Group 'C' = 184 Posts
Group 'D' = 18 Posts
Total = 202 Posts

FINANCIAL IMPLICATIONS

Anticipated recurring saving = ₹ 1253.16 Lacs per annum
Capital Saving = Nil
Total recurring saving = ₹ 1253.16 Lacs per annum.



INDEX

SN	Contents	Pages	
		From	To
1	Synopsis	4	-
2	Summary of recommendations	5	-
3	Acknowledgement	6	-
4	Introduction	7	-
5	Brief description, staff position, workload, critical analysis, measuring techniques, Requirement of staff.	8	14
6	Financial Implications	15	16
7	Work study report detailed chart	17	-
8	List of annexures	18	-

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SYNOPSIS

Indian Railway is the cheapest mode of transport in the country. It is the biggest organization of Government of India with huge manpower engaged in its safe working. Several departments are functioning as a team to keep the wheels moving and achieve the goal by transporting passenger and freight from one place to another. To fulfill the daily need of printed card tickets, important forms, books and other money value books in railways, the Printing Presses were established on zonal basis. On Northern Railway, the Printing Press is functioning at SSB. The stationary feeding is entirely through trade procurements whereas the printing materials are carried in Railway Press. Entire money value books are being printed in Railway Press to have a strict vigil on malpractices.

With the advancement of technology in almost every sphere of Indian Railways over a period of time, there are visible changes in the working of Printing and Stationary too. It is clear that Printing and Stationary requirements over railways are a major term of expenditure which has to be economized. Now the Indian Railways has planned to make its ticketing system completely digital, thereby making printed tickets a thing of the past. The modernization and system development in the field of printing has brought economical approach by off loading the printing work. By virtue of technological up gradation various activities e.g. printing of PRS & UTS tickets and other printing activities by outsourcing to trade. Thus need arises for reviewing of staff deployed in the Printing Press.

Keeping in view of above, it was felt that there is a need to assess the requirement of manpower of Printing Press, SSB. Consequently, SDGM/NR assigned this work study to conduct a review of "Staff working in Printing Press, SSB" with a view to eliminate wasteful expenditure and to economize the working. The work study team analyzed the working of staff and machines and found that the man power deployed is not being utilized fully.

Finally, the team is of the opinion that the recommendations made in report if accepted and implemented in toto, a net recurring saving to the tune of ₹ 1253.16 per annum is likely to be achieved after surrendering of 202 posts(Gr 'C'=184, Gr 'D'=18) identified as surplus.

SUMMARY OF RECOMMENDATIONS

<table>
<tr><th>Rec. No.</th><th>Recommendations</th><th>Refer para no.</th><th>Accepting/ Implementing authority</th></tr>
<tr><td>1</td><td>
<table>
<tr><th>S.No.</th><th>Category</th><th>Grade Rs.</th><th>No. of identified surplus</th></tr>
<tr><td>1</td><td>SSE</td><td>4600</td><td>12</td></tr>
<tr><td>2</td><td>JE/Sr. Tech.</td><td>4200</td><td>58</td></tr>
<tr><td>3</td><td>Technician-I</td><td>2800</td><td>83</td></tr>
<tr><td>4</td><td>Tech.-II/Canteen Manager/Sr. Cook</td><td>2400</td><td>15</td></tr>
<tr><td>5</td><td>Technician-III</td><td></td><td>16</td></tr>
<tr><td>6</td><td>Asstt. P.Press/Salesman/Wash Boy/Bearer</td><td>1800</td><td>18</td></tr>
<tr><td colspan="3">Total</td><td>202</td></tr>
</table>
</td><td>2.5.5</td><td>CMM-I, NRHQ Baroda House, New Delhi, Dy. CMM/General Store Depot, SSB.</td></tr>
</table>

ACKNOWLEDGEMENT

The work study team is highly grateful to Shri Gurupal Singh, Dy. CMM/SSB, Sh. Mast Ram, AMM/P&S, Sh. Vijay Singh, APO/SSB and other functionaries for extending their full co-operation in providing relevant data/information and giving their valuable guidance to the team during the conduct of the study.

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1.0 INTRODUCTION

1.1 Printing and stationary accounts for significant amount of expenditure over the railways. Printing and stationary organizations meet with the zonal demands effectively. As a matter of fact, the printing presses were established for printing of money value books, tickets, passes and PTOs etc to avoid any possible fraud if printed through trade. Subsequently other items were also printed as per demand in these presses.

1.2 During the recent past, various sophisticated machines were installed in the printing press due to modernization and revolutionary developments in the field of printing technology. To meet the increasing demands of special emergent requirements, the items were also being off loaded to trade to achieve quality in printing at cheaper rates.

1.3 The practice of off loading of printing work to trade has now become regular trend as it is very economical due to low cost as compared to printing through Railways. All possible efforts are now being made to achieve quality in printing and stationary through trade, except the money value books and items, resulting a gradual decline in the work load of printing presses. As a result of fact many activities have become redundant/unproductive and uneconomical.

1.4 Keeping in view of above, SDGM/NR directed to conduct the "Review of staff working in Printing Press, Shakurbasti" to eliminate redundant/unproductive activities and to optimize the effective utilization of manpower. It was also emphasized to get away from unproductive and obsolete activities and suggest ways and means to improve the system by technological up gradation/advancements.

1.5 TERMS OF REFERENCE

The study has been conducted under the following terms of references:-

1. Scientific and controlled analysis of existing available methods of executing the task.
2. Optimum utilization of manpower, plant, machinery and other resources.
3. Propose new methods of increased production and reduction of cost.
4. Review of staff strength vis-a-vis existing workload.

1.6 METHODOLOGY ADOPTED

The following techniques of work study were adopted to conduct the study: -

i. Data collection and its critical analysis.
ii. Work sampling, physical observations, spot checks, analytical estimation, prevailing yardstick in vogue, if any to access the actual workload.
iii. Held discussions at various levels.

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2.0.0 BRIEF DESCRIPTION, ORGANIZATIONAL SET UP, STAFF POSITION, WORKLOAD, CRITICAL ANALYSIS, PROPOSED REQUIREMENT OF STAFF AND RECOMMENDATIONS.

2.0.1 BRIEF DESCRIPTION

The history of Northern Railway Printing Press days back to 1952 when the Northern Railway established its General Printing Press. The Printing Press & Stationary depot is headed by Dy. CCM,SSB and assisted by Asstt. Managers, Printing and Stationary.

2.0.2 It is basically a service depot. The Press caters the demands of entire Northern Railway for money value books, safety circulars and periodic publications. The certain other items i.e. working time tables, departmental forms, registers, books are also printed in the press. But these days the work of printing is very less.

2.0.3 By virtue of modernization and system developments, for achieving economic quality in printing, sufficient workload has been off loaded to trade. The requirement of PRS and UTS tickets declined sharply as about 85% reserved passengers of PRS/UTS have been shifted to online ticketing. Consequently, certain activities have become redundant/uneconomical and thus causing recurring loss due to higher in house production cost and under utilization of staff and machine.

2.0.4 In view of above SDGM/NR desired to conduct the "Review of staff working in Printing Press, Shakurbasti" to effect proper utilization of staff and machine keeping in view of off loading the certain activities of printing press to trade.

2.1.0 The activities carrying out by various sections in printing press, Shakurbasti are being discussed in the following paras.

2.1.1 WORK ORDER SECTION

All indents of printing are received in this section initially. These are scrutinized and sent to the planning section for deciding whether the printing can be done in house or from outsource/trade depending upon the nature of composing, printing, binding, quality and quantity along with other materials to be used. These are then put up to Asstt. Manager/Chief Manager for approval. In house approval is accorded by Asstt. Manager/ Chief Manager.

For outsource/trade approval, the work order is prepared and sent to planning for onward implementation of job. In outsource jobs, after getting approval, the tender processing and further follow up of order is done. Correspondence/chasing with other departments, offices, firms etc. are also dealt. This section works during day shift only.

2.1.2 PLANNING SECTION

Planning section is the backbone of the printing press. The planning section plans out the procedure of job to be accomplished in the press. Job planning by planners decide time required for various operations like composing, machining, binding etc. and decide quantity and route setting for job to be followed in the printing press. This section keeps track of the movement of the jobs from section to section till the job is completed. This section also maintains statistical information with regard to the production activity.

2.1.3 DTP SECTION

The Printing Press has the latest Desk Top Publishing system which consists of computerized key board with laser Printer which gives output of excellent quality on butter paper and hard copy viz. computerized plate exposing and plate processing units system. The DTP Hardware has further been modernized with the induction of PCs and laser printers and scanners. Initially, the press was using stereo plates and blocks made of metals line zinc and copper for letter press rotary and flat bed machines which have now been replaced by photo polymer plates, thereby eliminating the use of hot metal technology. This change has improved the quality of printing.

2.1.4 BINDING SECTION

The printed matter is sent to binding section from D.T.P. In binding section, there are various kind of activities like cutting, counting, numbering, stitching, folding, binding etc. The printed matter is cut to size as per work order and made in to the book form, register form, loose form etc. The ready product is finally sent to the concerned stationary ward for onward disposal. Binding Section is equipped with sophisticated main and auxiliary binging machines which cater the requirement of Northern Railway, Railway Board, DLW Varanasi, RRB and RDSO.

2.1.5 PRINTING SECTION

This section is also known as machine section. This section includes offset printing and letter press printing. The main job is to get matter printed out from any one of its sections viz. offset or letter press. The job is received from planning section and after completion of job it is given to binding section. The master card is received from planning section with complete details.

2.1.6 MAINTENANCE SECTION

The section looks after the maintenance of machines installed in the printing press. The machines are cleaned, oiled and greased by the operators themselves. Normally one hour is given to the big machines and half hour is given to the small machines for the maintenance. Whenever any machine becomes out of order, a machine sick memo is issued to the maintenance section by the concerned supervisor. The defect is rectified

accordingly. Generally, minor repairs are done departmentally and major repairs are done from outside.

2.3.0 STAFF POSITION

The team collected the detailed staff position of Group 'C' and 'D' staff working in Printing and Stationary depot, SSB which is tabulated as under:-

S.No.	Category	Pay scale G.P.	S/S	O/R	Vacancy
1	SSE	9300-34800-4800	06	05	01
2	SSE	9300-34800-4600	06	-	06
3	JE	9300-34800-4200	06	01	05
4	Sr. Technician	9300-34800-4200	52	48	04
5	Technician-I	5200-20200-2800	83	37	46
6	Technician-II	5200-20200-2400	12	06	06
7	Technician-III	5200-20200-1900	16	21	+05
8	Asstt. Printing Press	5200-20200-1800	14	01	13
9	Canteen Manager/Sr. Cook	5200-20200-2400	03	-	03
10	Sales man/Wash boy/Bearer	5200-20200-1800	04	-	04
Total			202	119	83

The above table reveals that the sanctioned strength of staff working in Printing Press, SSB is 202 whereas 119 are on roll with 83 vacant posts.

2.3.1 WORKLOAD

Railway Press, Shakur Basti has printed following items items during past 3 years:

1. Monthly Gazette
2. Various kinds of Medical I cards
3. I cards of various departments
4. Various kinds of duty passes
5. Various kinds of job cards
6. Tally sheets for accounts
7. Various RPF registers and forms
8. Medical forms for various uses
9. Gallantry award complimentary passes
10. TA forms
11. Leave accounts forms
12. Reservation forms
13. Various items of C&W
14. EFT
15. Rail Travel Coupon of Uttar Pradesh and Uttarakhand Vidhan sabha and vidhan parishad.
16. Registers for mechanical workshops
17. Double case file covers for use by Northern Railway

2.4.0 CRITICAL ANALYSIS

2.4.1 Indian Railways has transformed itself in shaping and welcoming new techniques. The Railways strategy is to exit activities which no longer integral to its functioning. Most of the printing machines are very old and outdated and with increasingly less requirement of paper based communication they have ran out of favour.

Traditionally, a lot of papers such as forms were used by the Railways. But now these are getting automated. This Printing Press was mostly used for printing of books, forms and PRS/UTS tickets. The budget documents were printed at security press but now the Railway budget has been merged with general budget and available on website.

The technical advancement/modernization and system improvement has resulted in introduction/ installation of computers, offset printing etc. in place of manual composing letter press printing etc. The tender documents of Railways which were printed in the Printing Press earlier has also moved to the electronic form. Due to these advancements the efficiency has increased multifold with the change in technology and working system. Certain activities have been reduced and has become redundant in many sections like stereo, mono, composing etc. The work study team visited the entire sections and collected work load and analyzed accordingly to assess the requirement of manpower.

2.4.2 The work-study is confined to review staff working in Printing Press, SSB. The introduction of I-ticketing, E-ticketing and mobile ticketing by IRCTC has reduced work load of PRS & UTS counters. Presently the internet/e-ticketing/mobile ticketing for reserved tickets handles about 82% of the total reserved tickets booking on Indian Railways. All these facts shows the increasing trend of E-ticketing i.e. work being off loaded to e-ticketing.

2.4.3 The IRCTC has developed web portal for E-ticketing system which has enhanced its capacity to book 20000 tickets per minute. Booking of e-tickets through International Credit/Debit Cards has also been enabled to encourage the cashless economy.

Paperless unreserved ticketing through mobiles phones which has been launched at several major stations has certainly decreased the requirement of the UTS tickets.

2.4.5 Railway Board has advised to Traffic Commercial Directorate to explore the possibilities to digitalize PRS/UTS tickets and money value items such as pass, PTOs etc.

2.4.6 As per P.O. (stock)No. 18170145105107 dt. 12.10.18 printing of PRS tickets rolls is carried out through outsourcing in two parts i.e.

Part A: Printing and supply of pre printed PRS ticket rolls with commercial publicity printed thereon @ Rs. 8.96 per roll of 200 tickets. This cost is paid to the supplier.

Part B: Earning to Railways towards commercial publicity which will be printed on PRS tickets Rs. 72.00 per roll. This earning is paid to Railways by the supplier. Therefore, net earnings to Railways is Rs. 63.04 per roll. It is worth to mention that in house cost of printing of PRS ticket per roll is Rs. 83.00 which is much higher in comparison to printing by vendor.

2.4.7 As per P.O. (stock) No. 118170161103369 dt. 18.05.18, cost of printing of UTS tickets rolls through outsourcing is Rs. 39.88 per roll. The in house cost of printing of UTS per roll is Rs. 106.00

2.4.8 Total 53 different types of machines are installed in the Printing Press, SSB out of which 05 machines are under condemnation process and rests are in operation. Most of the machines are very old and require heavy maintenance which resulted in higher cost of printing in comparison to trade. The detailed list of machines installed in Printing Press, SSB has been provided in Annexure- II.

2.5.0 REQUIREMENT OF STAFF AND RECOMMENDATIONS:

2.5.1 This is the established fact that the workload of PRS and UTS tickets is going on reducing with the progressive use of internet/e-ticketing/mobile ticketing for reserved tickets/unreserved tickets. At present, about 85 percent tickets are being booked online and 15 percent tickets are taken from the counters which has resulted in drastic reduction in requirement of PRS tickets. Similarly the requirement of UTS tickets has reduced due to increasing use of mobile app for unreserved tickets.

2.5.2 The Railway administration has granted permission to print 158 types of forms through vendor which were printed in the press earlier. Similarly the approval for printing of 90 money value items through the trade is in the process of approval.

2.5.3 (i) During the course of study the team observed that the Printing Press, SSB is handling very meager workload. It shows an under utilization of existing manpower and machines which are uneconomical to the Railway Organization.

(ii)This is the fact that consumption of PRS/UTS tickets has reduced drastically due to increasing trend of e-ticketing/mobile ticketing for reserved tickets and issuing of unreserved tickets through mobile phones. The existing meager workload will be reduced minimal or negligible in future due to out sourcing of printing of PRS/UTS tickets, forms and money value items.

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(iii)Considering above facts, it is clear that financially it is not viable and beneficial for Railway Organization to run Printing Press, SSB with such a less and diminishing workload. This will also a milestone in the direction of digitalization and paper less working over Indian Railways. Therefore, to improve the efficiency and productivity of the system, it is proposed that all the sanctioned strength of 202 of Printing Press, SSB may be surrendered. This will improve the Indian Railways' economy.

2.5.4 Vide Director RS(F), Railway Board letter no. 2017/PR/Ptg.& Sty./AP/PP/IR dated 03.05.2023 Printing of PRS and UTS tickets as well as money value books i.e. Rate tickets and other documents will be printed in the Printing Presses of RBS and RBI or should be outsourced to Trade i.e. IBA/RBI approved Security Printers till complete digitalization of ticketing system and money value items.

Considering above facts, it is clear that financially it is not viable and beneficial for Railway Organization to run Printing Press, SSB with such a less and diminishing workload. This will also a milestone in the direction of paper less working over Indian Railways. So, it is proposed that all the sanctioned strength of 202 staff of Printing Press, SSB may be surrendered.

2.5.5 SUMMARY OF EXISTING AND PROPOSED STAFF IN PRINTING PRESS, SSB

S.No.	Category	Grade Pay	S/S	O/R	Proposed	Identified surplus
1	SSE	4600	12	05	-	12
3	JE	4200	06	01	-	06
4	Sr. Technician	4200	52	48	-	52
5	Technician-I	2800	83	37	-	83
6	Technician-II	2400	12	06	-	12
7	Technician-III	1900	16	21	-	16
8	Asstt. Printing Press	1800	14	01		14
9	Canteen Manager/Sr. Cook	2400	03	-		03
10	Sales man/Wash boy/Bearer	1800	04	-		04
			202	119	-	202

RECOMMENDATION NO.1

It is proposed that 202 posts of different categories from different sections of the Printing Press, SSB are identified as surplus and recommended for surrender.

S.No.	Category	Grade Rs.	No. of posts identified as surplus
1	SSE	9300-34800-4600	12
3	JE	9300-34800-4200	06
4	Sr. Technician	9300-34800-4200	52
5	Technician-I	5200-20200-2800	83
6	Technician-II	5200-20200-2400	12
7	Technician-III	5200-20200-1900	16
8	Asstt. Printing Press	5200-20200-1800	14
9	Canteen Manager/Sr. Cook	5200-20200-2400	03
10	Sales man/Wash boy/Bearer	5200-20200-1800	04
		Total	202

4.0. 0 **FINANCIAL IMPLICATIONS**

4.1.0 The annual expenditure as per 7th CPC on the staff working in Printing Press, SSB is as under:-

S.No.	Category	Grade Rs.	Monthly value per post	S/S	Annual expenditure
1	SSE	4600	77625	12	11178000.00
2	JE/Sr. Tech.	4200	61200	58	42595200.00
3	Tech.I	2800	50475	83	50273100.00
4	Tech.II/Canteen manager/Sr. Cook	2400	44100	15	7938000.00
5	Tech.III	1900	34425	16	6609600.00
6	Asstt. P.Press/ Sales man	1800	31125	18	6723000.00
			Total	202	125316900.00

The above table reveals that the annual expenditure being incurred on 202 sanctioned strength of staff working in Printing Press, SSB is Rs. 125316900.00

4.2.0 Since no staff has been proposed for Printing Press, SSB, no annual expenditure will be incurred. So the net recurring saving will be ₹ 125316900.00 per annum.

4.3.0 **ANTICIPATED RECURRING SAVING**

SN	Category	Grade Rs.	Refer Recom. No.	No. of surplus posts	Monthly value per posts ₹	Anticipated annual recurring saving ₹
1	SSE	4600	2.6.0	12	77625	11178000.00
2	JE/Sr. Tech.	4200	-do-	58	61200	42595200.00
3	Tech.I	2800	-do-	83	50475	50273100.00
4	Tech.II/ Canteen manager/ Sr. Cook	2400	-do-	15	44100	7938000.00
5	Tech.III	1900	-do-	16	34425	6609600.00
6	Asstt. P.Press/ Sales man	1800	-do-	18	31125	6723000.00
			Total	202		125316900.00

No. of posts identified as surplus: -

Group 'C' = 184 posts

Group 'D' = 18 posts

Total = 202 posts

Anticipated recurring saving = ₹ 1253.06 lacs per annum

Capital saving = Nil

Total saving = ₹ 1253.16 lacs per annum

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WORK STUDY REPORT DETAILED CHART

Department : - Stores

Name of study: - Review of staff working in Printing Press, SSB.

Activity Centre : - Printing Press, SSB .

SN	Sub activity	Brief description of workload	Actual staff deployed	Work Study recommendation	Representative workload
1	The Printing and Stationary depot is functioning at SSB. The stationary feeding is entirely through trade procurements whereas the printing materials are carried in Railway Press with a view to check the corruption in money value books, entirely printed in Railway Press.	The layout of Printing and stationary depot is divided into different sections viz. work order section, Planning section, DTP section, Binding section and maintenance section.	Total Group C & D staff strength in Printing and Stationary Depot is SS= 202 OR= 119 Vac.=83	The work study team recommended for surrender of 202 posts in different categories and grades.	Procurements of PRS/UTS tickets, printing of forms and money value books through trades will certainly reduced the workload to minimum.

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LIST OF ANNEXURES

S.N.	Description	Annex. No.
1	Statement showing position of staff working Printing Press, SSB.	I
2	List of machines installed in Printing Press, SSB	
3	Letter of study No. 16-CP/16/WS/19-20 dt. 18/06/19	II

Annexure-I

STATEMENT SHOWING STAFF POSITION OF PRINTING PRESS, SSB

S.No.	Category	Pay scale G.P.	S/S	O/R	Vacancy
1	SSE	9300-34800-4800	06	05	01
2	SSE	9300-34800-4600	06	-	06
3	JE	9300-34800-4200	06	01	05
4	Sr. Technician	9300-34800-4200	52	48	04
5	Technician-I	5200-20200-2800	83	37	46
6	Technician-II	5200-20200-2400	12	06	06
7	Technician-III	5200-20200-1900	16	21	+05
8	Asstt. Printing Press	5200-20200-1800	14	01	13
9	Canteen Manager/Sr. Cook	5200-20200-2400	03	-	03
10	Sales man/Wash boy/Bearer	5200-20200-1800	04	-	04
Total			202	119	83

Annexure-II

List of machines installed in the Printing Press, SSB.

S.No.	Description	Date of installation	Status
1	Old polygraph cutting machine	1970	Under condemnation
2	Reelfed polymer based single side printing machine	21.02.1986	
3	MST Platen Ptg. Machine(L-P) C-1	16.09.1987	
4	MST Platen Ptg. Machine(L-P) C-2	20.10.1987	
5	Old PRS ticket ptg. Machine with six rewinding machine(Multi tech F.B.)	16.02.1987	
6	RO -62 Web offset machine(4 unit) the folder unit	25.01.1988	Working
7	RO -62 Web offset machine(2unit) the folder unit	05.1989	
8	Mark-62(4unit) with folding unit	01.1991	Not working
9	Dominent 725 Two colour sheet offset machine	11.11.1992	
10	Four unit web offset ptg. Machine	2015	Working
11	Reelfed multipurpose ptg. Machine	02.07.1984	Working
12	Rotatek PRS/UTS ptg. Machine	01.09.2018	Working
13	Sud and Waren web offset four unit with online numbering ptg. Machine	07.12.2018	Working
14	HMT SOAM(Sheetfed machine)	2015	Working
15	Swift(Mini offset machine)	07.12.2018	Working
16	Waste Paper Shredding machine(Multipurpose ptg. Machine Sec.) at machine no. 1	1990	Working
17	Waste Paper Shredding machine(PRS/UTS ptg. Sec.) at machine no. 2	2019	Working
18	Waste Paper Shredding machine at machine no. 3	2019	Working
19	Record paper cutting machine	09.02.1984	Working
20	Record paper cutting machine	02.2003	Working
21	Navyug paper cutting machine	2006	Working
22	Navyug paper cutting machine	2006	Working

23	Six clamp perfect binging machine	2013	Working
24	Guruteg Bahadur Stitching machine	2000	Working
25	Guruteg Bahadur Stitching machine	2000	Working
26	Alpha stitching machine	07.12.2018	Working
27	Alpha stitching machine	07.12.2018	Working
28	Harbhajan stitching machine	07.12.2018	Working
29	Harbhajan stitching machine	07.12.2018	Working
30	Shrink wrapping machine	2012	Working
31	Shrink wrapping machine	2012	Working
32	Stitching Guruteg Bahadur machine-02	2000	Working
33	UTS Ticket rewinding machine	01.09.2018	Working
34	UTS Ticket rewinding machine		
35	UTS Ticket rewinding machine		
36	UTS Ticket rewinding machine		
37	Carbon paper rewinding machine		
38	Paper Shredding machine(UTS/PRS/Fabrication)	1990	Working
39	Offset plate exposer controller, graphic	02.10.2011	Working
40	Offset plate processor, graphic sales	02.10.2011	Working
41	Polymer plate exposer unit	02.2019	Working
42	Wash unit for polymer plate	02.2019	Working
43	Dark room contact printer for polymer plate	02.2019	Working
44	Lathe Machine(size 8”)	N/A	Working
45	Knife sharping machine	1987	Working
46	Electric drill machine(two belt)	N/A	Working
47	Tool post grinder		
48	Hand kit grinder		
49	Electric bench grinder		
50	Electric hand drill machine		
51	Knife sharping machine(IND Poly)	07.12.2018	Working
52	Electric hand drill machine		
53	Fork Lifter	2015	Working