

**NORTHEAST FRONTIER RAILWAY**



**WORK STUDY REPORT**

**ON**

**REVIEW OF STAFF STRENGTH OF ENGINEERING WORKSHOP**

**UNDER Dy.CE/EWS/BNGN OF N.F.RAILWAY**

**GUIDED BY:**

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**STUDY NO. WSNF/ 20/2018 -19**

**CASE NO. Z/375/10/20/2018 -19**

**CENTRAL PLANNING ORGANISATION**

**N. F. RAILWAY/MALIGAON**

**GUWAHATI - 781011.**

## **EXECUTIVE SUMMARY**

**SUBJECT :** Review of Staff Strength of Engineering Workshop under Dy CE/EWS/BNGN of N.F. Railway

**STUDY NO :** WSNF/20/2018-19

**CASE NO :** Z/375/10/20/2018-19

**AUTHORITY :** SDGM/N.F.R.

**CONCERN DIV. :** BR.LINE/HQ

**DEPARTMENT :** ENGINEERING.

**DATE OF COMMENCEMENT :** 03/09/2018

**DATE OF COMPLETION :** 09/10/2018

**DATE OF SUBMISSION :** 09/10/2018

### **TERMS OF REFERENCE:**

Approved annual Programme of Work Study.

**NOS. OF RECOMMENDATION:** 1(One)

The study team has identified 35 nos. of vacant posts of different categories (Tech(MKR)I-1 , Tech(PLTR)III-1 , Tech(RIVT)I-1 , Tech(RIVT)II-1, Tech(RIVT)III-3, Tech(BSMT)III-1, Helper-12, Tech(MST)I-1 , Tech(F/driver)I-3 , Tech(T/Smith)I-1, Head-Typist -1 ,Peon-1, RS-1,Watchman-5 S/Cleaner-1 and Asstt Halwai= 1) has identified as surplus and proposed for surrender, which may be deleted from the working BOS.

**PROJECTED MAN POWER:** 35 Posts.

**PROJECTED FINANCIAL SAVING:** Rs 162.63 Lakhs per annum.

**MONTH AND YEAR OF CIRCULATION:** SEP/2018

## **I N D E X**

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## **CHAPTER - I**

### **1.0 INTRODUCTION:**

- This work shop was established in 1950.
- Earlier to this, one workshop was at Sayadpur in Chattagram district of the then undivided India (At present it is in Bangladesh) for this region.
- To cater the immediate need of this zone, this workshop was established without any master plan for future expansion collecting high proportion of over aged machineries from other workshops.
- Staffs were engaged by collecting from bridge units & some brought from Sayadpur workshop.

### **1.1 RATIONALE FOR CONDUCTING THIS STUDY:**

- Man power is the most costly and precious resource over Indian Railway and right sizing is the need of the hour.
- Focusing attention on core activities by reducing/elimination of non- core activities.
- Improving the efficiency (output/input) either by improving the output (numerator) or by decreasing the input (denominator).
- Up-gradation/introduction of automation/innovations
- Outsourcing of noncore activity.
- Availability of better process/technology.
- Reducing/removing redundancy in work.

### **1.2 AUTHORITY:**

SDGM of N.F.Railway.

### **1.3 TERMS OF REFERENCE:**

Approved Annual Work Study Programme

### **1.4 METHODOLOGY:**

- a) Collection of data relating to workload.
- b) Discussion with Dy CE/EWS/BNGN & Subordinates and obtaining their views.
- c) Assess the workload for Engineering /field activity.
- d) Assess the workload for EWS units.
- e) Assess the staff requirements for the above workload.

### **1.5 ACKNOWLEDGEMENT:**

Work study team is grateful to Sri N. Sengupta, DY CE/EWS/BNGN, Sri A. Saha AXEN/EWS/BNGN for their kind guidance and co-operation for conducting this study. The work study team is thankful to Sri L. Basumatry SSE/DRG/EWS/BNGN for his assistance rendered to the work study team for conducting the subject study.

- 1.6. Dy.CE/EWS/BNGN has nominated Sri A. Saha AXEN/EWS/BNGN as associated officer and Sri L. Basumatry SSE/DRG/EWS/BNGN as associated supervisor for the said study ( placed as Annex-I)

## **CHAPTER-II**

### **EXISTING ACTIVITIES, WORK LOAD & STAFF**

- EWS/BNGN Fabricated riveted/welded/plate girders OWG up to 30.5m span, P P Shelters, C C Cribs etc. The higher span girders were taken from the Engineering Workshop of other Railways. The Workshop caters to the day to day minor requirements of Bridge Organization.
- The Engineering Workshop fabricated Steel Trestles, Service girders for use in emergency restoration of through traffic during occurrence of breaches, washouts, landslides etc.
- This workshop has got ISO 9001:2008 Certification on Quality Management System.

To fabricate welded plate girders of 12.20 m, 18.30 m, 20.4 m, 26.8 m service spans to suit 25 tonne loading standards.

To fabricate 30.50 m & 45.72 m span OWG welded girders.

To continue to fabricate other steel structures such as FOBs, light steel ROB, Passengers platform shelters, C C Cribs etc.

From above, it is evident that EWS/BNGN will play vital role for catering the requirement of MBG 25 Tonne Welded Girders to N.F. Railway as well as to other Zonal Railways.

### **MAIN PRODUCTS**

Welded Plate girders of various span upto 30.5 m span girders.

- Infrastructure for production of Open Web Welded girder upto 45.72 m Span is being developed and production of this girder will be started very soon.
- Steel structures for Foot Over & Road over bridges.

Passenger platform shelters.

C. C. Crib.

Misc bridge girder components reqd. for repairing & maintenance of bridges.

Few track components as special item depending upon the feasibility of production

### **MAIN ACTIVITIES OF DIFFERENT SHOPS**

Structural Shop:

Plate girders ( Rivetted and welded upto 30.5 m span ).

Through girders upto 45.72 m span.

Service girders & Restricted Depth girders upto 18.30 m span.

Different girder components required by open line bridge organization.

Welded steel structures for FOB, ROB, P. P. Shelters etc.

## 2.0 Plant Shop:

Operation, repairing & maintenance of various pneumatic tools & plants, EOT cranes, Road crane, Hydraulic jacks, Motor trolley etc for the Workshop and for BRIs & PWIs.

## 3.0 Machine shop:

Maintenance & operation of all the machines used in different fabrication work.

Manufacturing of different components including Bridge components.

Repairing of Mechanical Jacks & Dip lorries.

## **SHOP : STRUCTURAL SHOP .**

Activities : Making of layout, Jig & fixture , Template making, Marking and cutting , Drilling  
Assembling by bolt, bolt tightening, welding Riveting, Grinding, Forging, Painting etc

## **1. STAFF POSITION AT STRUCTURAL SHOP UNDER DYCE/EWS/BNGN.**

### **SHOP : STRUCTURAL SHOP**

SN	Category	Pay Band	G/Pay	Sanc	On Roll	Vac	Remarks
1	Sr.Tech.(F/STRL)	9300-34800/-	4200/-	4	3	1	
2	Tech.(F/STRL)/Gr-I	5200-20200/-	2800/-	8	6	2	
3	Tech.(F/STRL)/Gr-II	5200-20200/-	2400/-	1	2	-1	1 Man excess
4	Tech.(F/STRL)/Gr-III	5200-20200/-	1900/-	3	2	1	
5	Tech.(T/MKR)/I	5200-20200/-	2800/-	2	0	2	<b>Diminishing Category</b>
6	Tech.(T/MKR)/III	5200-20200/-	1900/-	1	2	-1	
7	Tech.(PLTR)/I	5200-20200/-	2800/-	3	2	1	
8	Tech.(PLTR)/II	5200-20200/-	2400/-	1	1	0	
9	Tech.(PLTR)/III	5200-20200/-	1900/-	1	0	1	
10	Tech.(CPTR)/I	5200-20200/-	2800/-	1	0	1	
11	Tech.(CPTR)/II	5200-20200/-	1900/-	0	1	-1	<b>Post not sanctioned</b>
12	Sr Tech (PNTR/LM)	9300-34800/-	4200/-	4	3	1	
13	Tech (PNTR)/I	5200-20200/-	2800/-	1	0	1	
14	Tech (PNTR)/II	5200-20200/-	2400/-	1	1	0	
15	Tech (L.Man)/I	5200-20200/-	2800/-	1	1	0	
16	Tech (L.Man)/II	5200-20200/-	2400/-	0	1	-1	<b>Post not sanctioned</b>
17	Sr Tech (RIVT)	9300-34800/-	4200/-	9	9	0	<b>All Diminishing Category</b>
18	Tech (RIVT)/I	5200-20200/-	2800/-	19	18	1	
19	Tech (RIVT)/II	5200-20200/-	2400/-	3	2	1	
20	Tech (RIVT)/III	5200-20200/-	1900/-	6	3	3	

21	Tech (Doliman)/III	5200-20200/-	1900/-	0	1	-1	<b>Post not sanctioned</b>
22	Tech (Drill/Pn)/III	5200-20200/-	1900/-	0	1	-1	
23	Sr Tech (Welder)	9300-34800/-	4200/-	5	4	1	
24	Tech (Welder)/I	5200-20200/-	2800/-	9	7	2	
25	Tech (Welder)/II	5200-20200/-	2400/-	1	2	-1	1 Man excess
26	Tech (Welder/G Welder/M Cutter)	5200-20200/-	1900/-	3	0	3	
27	Sr Tech (F/ERR)	9300-34800/-	4200/-	5	5	0	
28	Tech (F/ERR)/I	5200-20200/-	2800/-	11	6	5	
29	Tech (F/ERR)/II	5200-20200/-	2400/-	2	3	-1	1 Man excess
30	Tech (F/ERR,C/Tindal,T/Slinger)/III	5200-20200/-	1900/-	3	3	0	
31	Sr Tech (B/Smith)	9300-34800/-	4200/-	5	4	1	
32	Tech (BSMT)/I	5200-20200/-	2800/-	10	8	2	
33	Tech (BSMT)/II	5200-20200/-	2400/-	2	2	0	
34	Tech (BSMT)/III	5200-20200/-	1900/-	1	0	1	
35	Helper	5200-20200/-	1800/-	28	4	24	<b>Diminishing Category</b>
				154	107	47	

#### **SHOP : MACHINE SHOP .**

Activities : Drilling ,Shaping & Planning, Straightening of steel section, Cutting of Power Saw Machine, Milling Machine, Bolt Making and mfg, Many small tools & Components by Lathe Machine, Shearing and Punching , Maintenance of heavy capacity Mechanical Jack Dip Lorries etc.

SN	Category	Pay Band	G/ Pay	Sanc	On Roll	Vac	Remark
1	Sr Technician ( Machinist)	9300-34800/-	4600/-	6	6	0	
2	Tech (Turner) I	5200-20200/-	2800/-	1	0	1	
3	Tech (MST) I	5200-20200/-	2800/-	10	7	3	
4	Tech (MST) II	5200-20200/-	2400/-	1	2	-1	1 Man excess
5	Tech (MST) III	5200-20200/-	1900/-	2	3	-1	1 Man excess
6	Sr Technician ( MW/Fitter)	9300-34800/-	4200/-	2	1	1	
7	Sr Technician ( MW/Fitter)I	5200-20200/-	2800/-	2	1	1	
8	Sr Technician ( MW/Fitter)II	5200-20200/-	2400/-	1	1	0	
9	Tech (GNDR)III	5200-20200/-	2800/-	1	1	0	
			<b>TOTAL</b>	<b>26</b>	<b>22</b>	<b>4</b>	

**SHOP : PLANT SHOP .**

Activities : Maintenance of all plant & Machineries of EWS/BNGN and all bridge unit like Air Compressor, Road Mobil Crane, Welding Rectifier, EOT Crane, Pile, Driving & Derrick Crane, Welding Generator, all Hydraulic & Pneumatic Equipment etc. Operating Air Compressor Machine, Welding Generator Fork Lifter, Truck etc.

SN	Category	Pay Band	G/ Pay	Sanc	On Roll	Vac	Remark
1	Sr Tech ( F/driver)	9300-34800/-	4200/-	4	4	0	
2	Tech(F/Driver)I	5200-20200/-	2800/-	7	3	4	
3	Tech(F/Driver)I I	5200-20200/-	2400/-	1	4	-3	3 Man excess
4	Tech(F/Driver)I II	5200-20200/-	1900/-	2	2	0	
5	Sr Tech (F/Mech)	9300-34800/-	4200/-	4	4	0	
6	Tech ( F/Mech)I	5200-20200/-	2800/-	8	4	4	
7	Tech ( F/Mech)II	5200-20200/-	2400/-	1	2	-1	1 Man excess
8	Tech ( F/Mech)III	5200-20200/-	1900/-	1	2	-1	1 Man excess
9	Sr Tech ( Crane/driver)	9300-34800/-	4200/-	4	4	0	
10	Tech ( Crane/driver)I	5200-20200/-	2800/-	4	1	3	
11	Tech ( Crane/driver)II	5200-20200/-	2400/-	1	1	0	
12	Tech ( Crane/driver)III	5200-20200/-	1900/-	1	0	1	
13	Tech ( Comp/driver)I	5200-20200/-	2800/-	2	1	1	
14	Tech ( Comp/driver)III	5200-20200/-	1900/-	0	1	-1	1 Man excess
15	Tech ( T/Smith)I	5200-20200/-	2800/-	1	0	1	
16	Tech ( T/Smith)III	5200-20200/-	1900/-	0	1	-1	1 Man excess
17	TK/DVR-III	5200-20200/-	1900/-	1	1	0	
			<b>TOTAL</b>	<b>42</b>	<b>35</b>	<b>7</b>	

Nos of Godown	3 nos
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Details of Utilization of Ministerial Staff deployed at different Work periphery.

1. General Section : Dealing with railway Staff quarters, Recoupment of Monthly cash, imprest recording all expenditures and other MISC Works and audit compliance.
2. Accounts section : Works related with preparation to annual budget , placing requirement of additional fund in revised Estimated & final Modification, work out of cost of production, raising of debits against different work order ,Re-conciliation of WMS balance
3. Preparation of work orders based on demands of materials from different units, repairing & modification of the office building & workshop and all correspondence with different consignees regarding demand & supply of fabricated items.
4. Store Section : Preparation of requisitions and procurement of all stock & nonstick consumable stores, IDS items, M&P items, Safety items & preparation of annual requirement of stores, passing of bills and maintenance of all documents related with procurement of all types of stores.
5. Establishment : Deals with entire staff related works, right from appointment to retirement of staff, maintenance of service book, record of leave account, leave, sick, dealing matters regarding transfer, posting, promotion, up-gradation and final settlement etc and deals with union matters & issuance of privilege , Complimentary & Union passes.
6. Time Section : Deals with staff attendance, preparation of salary bills and other supplementary bills & all bills related to O.T. T.A. etc.
7. Drawing Section : Deals with the preparation of drawing, preparing of estimate etc.

**I) General Section**

SN	Category	Pay Band	G/ Pay	Sanc	On Roll	Vac	Remark
1	Chief O.S./G	9300-34800/-	4600/-	4	5	-1	1 Man excess
2	O.S./G	9300-34800/-	4200/-	8	5	3	
3	Head Typist	9300-34800/-	4200/-	1	0	1	<b>Diminishing Category</b>
4	Sr Clerk/G	5200-20200/-	2800/-	4	2	2	
5	Peon	5200-20200/-	1800/-	2	0	2	<b>Diminishing Category</b>
			TOTAL	<b>19</b>	<b>12</b>	<b>7</b>	
1	Bungalow Peon	5200-20200/-	1800/-	1	1	0	

**II) Establishment Section.**

SN	Category	Pay Band	G/Pay	Sanc	On Roll	Vac	Remark
1	Chief O.S./E	9300-34800/-	4600/-	1	0	1	
2	OS/E	9300-34800/-	4200/-	2	1	1	
3	Sr Clerk/E	5200-20200/-	2800/-	1	0	1	
4	Record Sorter	4440- 7440	1800/-	1	0	1	<b>Diminishing category</b>
			<b>TOTAL</b>	<b>5</b>	<b>1</b>	<b>4</b>	

**III) Drawing Section.**

SN	Category	Pay Band	G/ Pay	Sanc	On Roll	Vac	Remark
1	SSE/Drg	9300-34800/-	4600/-	1	1	0	

**IV) Supervisory.**

SN	Category	Pay Band	G/ Pay	Sanc	On Roll	Vacancy	Remark
1	SSE/Workshop	9300-34800/-	4600/-	8	1	7	
2	JE/Workshop	9300-34800/-	4200/-	9	3	6	
3	SSE/Plant	9300-34800/-	4600/-	2	0	2	
4	JE/Plant	9300-34800/-	4600/-	2	2	0	
			<b>TOTAL</b>	<b>21</b>	<b>6</b>	<b>15</b>	

**V) OTHERS.**

SN	Category	Pay Band	Grade Pay	Sancti on	On Roll	Vacancy	Remark
1	Watch man	5200-20200/-	1800/-	13	8	5	All godowns are located side by side 1.(3+1) Main Gate 2. (3+1) at godown side
2	S/Cleaner	5200-20200/-	1800/-	2	1	1	<b>Diminishing Category</b>
			<b>TOTAL</b>	<b>15</b>	<b>9</b>	<b>6</b>	

**VI) CANTEEN.**

SN	Catagory	Pay Band	Grade Pay	Sancti on	On Roll	Vacancy	Remark
1	C/Manager.	5200-20200/-	1800/-	1	1	0	<b>All Diminishing Category</b>
2	ASSTT. Halwai	5200-20200/-	1800/-	1	0	1	
3	C/Bearer	5200-20200/-	1800/-	1	1	0	
			<b>TOTAL</b>	<b>3</b>	<b>2</b>	<b>1</b>	

### CHAPTER-III

#### **3.0 CRITICAL ANALYSIS OF EXISTING WORKLOAD AND STAFF REQUIREMENTS:**

The activities and work load involved with the Staff under Dy CE/EWS/BNGN already discussed in CH-II. In reference of above, the requirement/ non-requirement of following category of staff is justified as below-

#### **3.2. STAFF POSITION AT STRUCTURAL SHOP UNDER DYCE/EWS/BNGN.**

##### **I.SHOP : STRUCTURAL SHOP**

SN	Category	Pay Band	G/Pay	Sanc	On Roll	Vac	Remarks	Surplus Identified
1	Sr.Tech.(F/STRL)	9300-34800/-	4200/-	4	3	1		
2	Tech.(F/STRL)/Gr-I	5200-20200/-	2800/-	8	6	2		
3	Tech.(F/STRL)/Gr-II	5200-20200/-	2400/-	1	2	-1	1 Man excess	
4	Tech.(F/STRL)/Gr-III	5200-20200/-	1900/-	3	2	1		
5	Tech.(T/MKR)/I	5200-20200/-	2800/-	2	0	2	<b>Diminishing Category</b>	1
6	Tech.(T/MKR)/III	5200-20200/-	1900/-	1	2	-1		
7	Tech.(PLTR)/I	5200-20200/-	2800/-	3	2	1		
8	Tech.(PLTR)/II	5200-20200/-	2400/-	1	1	0		
9	Tech.(PLTR)/III	5200-20200/-	1900/-	1	0	1		1
10	Tech.(CPTR)/I	5200-20200/-	2800/-	1	0	1		
11	Tech.(CPTR)/II	5200-20200/-	1900/-	0	1	-1	<b>Post not sanctioned</b>	
12	Sr Tech (PNTR/LM)	9300-34800/-	4200/-	4	3	1		
13	Tech (PNTR)/I	5200-20200/-	2800/-	1	0	1		
14	Tech (PNTR)/II	5200-20200/-	2400/-	1	1	0		
15	Tech (L.Man)/I	5200-20200/-	2800/-	1	1	0		
16	Tech (L.Man)/II	5200-20200/-	2400/-	0	1	-1	<b>Post not sanctioned</b>	
17	Sr Tech (RIVT)	9300-34800/-	4200/-	9	9	0	<b>All Diminishing Category</b>	
18	Tech (RIVT)/I	5200-20200/-	2800/-	19	18	1		1
19	Tech (RIVT)/II	5200-20200/-	2400/-	3	2	1		1
20	Tech (RIVT)/III	5200-20200/-	1900/-	6	3	3		3
21	Tech (Doliman)/III	5200-20200/-	1900/-	0	1	-1	<b>Post not sanctioned</b>	
22	Tech (Drill/Pn)/III	5200-20200/-	1900/-	0	1	-1		
23	Sr Tech (Welder)	9300-34800/-	4200/-	5	4	1		
24	Tech (Welder)/I	5200-20200/-	2800/-	9	7	2		

25	Tech (Welder)/II	5200-20200/-	2400/-	1	2	-1	1 Man excess	
26	Tech (Welder/G Welder/M Cutter)	5200-20200/-	1900/-	3	0	3		
27	Sr Tech (F/ERR)	9300-34800/-	4200/-	5	5	0		
28	Tech (F/ERR)/I	5200-20200/-	2800/-	11	6	5		
29	Tech (F/ERR)/II	5200-20200/-	2400/-	2	3	-1	1 Man excess	
30	Tech (F/ERR,C/Tindal,T/Slinger)/III	5200-20200/-	1900/-	3	3	0		
31	Sr Tech (B/Smith)	9300-34800/-	4200/-	5	4	1		
32	Tech (BSMT)/I	5200-20200/-	2800/-	10	8	2		
33	Tech (BSMT)/II	5200-20200/-	2400/-	2	2	0		
34	Tech (BSMT)/III	5200-20200/-	1900/-	1	0	1		1
35	Helper	5200-20200/-	1800/-	28	4	24	<b>Diminishing Category</b>	12
		<b>SUB-TOTAL</b>		<b>154</b>	<b>107</b>	<b>47</b>		<b>20</b>

## II.SHOP : MACHINE SHOP

36	Sr Technician ( Machinist)	9300-34800/-	4600/-	6	6	0		
37	Tech (Turner) I	5200-20200/-	2800/-	1	0	1		
38	Tech (MST) I	5200-20200/-	2800/-	10	7	3		1
39	Tech (MST) II	5200-20200/-	2400/-	1	2	-1	1 Man excess	
40	Tech (MST) III	5200-20200/-	1900/-	2	3	-1	1 Man excess	
41	Sr Technician ( MW/Fitter)	9300-34800/-	4200/-	2	1	1		
42	Sr Technician ( MW/Fitter)I	5200-20200/-	2800/-	2	1	1		
43	Sr Technician ( MW/Fitter)II	5200-20200/-	2400/-	1	1	0		
44	Tech (GNDR)III	5200-20200/-	2800/-	1	1	0		
		<b>SUB-TOTAL</b>		<b>26</b>	<b>22</b>	<b>4</b>		<b>1</b>

### III. SHOP : PLANT SHOP

S N	Category	Pay Band	G/ Pay	Sanc	On Roll	Vac	Remark	Surplus Identified
45	Sr Tech ( F/driver)	9300-34800/-	4200/-	4	4	0		
46	Tech(F/Driver)I	5200-20200/-	2800/-	7	3	4		3
47	Tech(F/Driver)II	5200-20200/-	2400/-	1	4	-3	3 Men excess	
48	Tech(F/Driver)III	5200-20200/-	1900/-	2	2	0		
49	Sr Tech (F/Mech)	9300-34800/-	4200/-	4	4	0		
50	Tech ( F/Mech)I	5200-20200/-	2800/-	8	4	4		
51	Tech ( F/Mech)II	5200-20200/-	2400/-	1	2	-1	1 Man excess	
52	Tech ( F/Mech)III	5200-20200/-	1900/-	1	2	-1	1 Man excess	
53	Sr Tech ( Crane/driver)	9300-34800/-	4200/-	4	4	0		
54	Tech ( Crane/driver)I	5200-20200/-	2800/-	4	1	3		
55	Tech ( Crane/driver)II	5200-20200/-	2400/-	1	1	0		
56	Tech ( Crane/driver)III	5200-20200/-	1900/-	1	0	1		
57	Tech ( Comp/driver)I	5200-20200/-	2800/-	2	1	1		
58	Tech ( Comp/driver)III	5200-20200/-	1900/-	0	1	-1	1 Man excess	
59	Tech ( T/Smith)I	5200-20200/-	2800/-	1	0	1		1
60	Tech ( T/Smith)III	5200-20200/-	1900/-	0	1	-1	1 Man excess	
61	TK/DVR-III	5200-20200/-	1900/-	1	1	0		
		<b>SUB-TOTAL</b>		<b>42</b>	<b>35</b>	<b>7</b>		<b>4</b>

### IV. General Section

62	Chief O.S./G	9300-34800/-	4600/-	4	5	-1	1 Man excess	
63	O.S./G	9300-34800/-	4200/-	8	5	3		
64	Head Typist	9300-34800/-	4200/-	1	0	1	<b>Diminishing Category</b>	1
65	Sr Clerk/G	5200-20200/-	2800/-	4	2	2		
66	Peon	5200-20200/-	1800/-	2	0	2	<b>Diminishing Category</b>	1
67	Bungalow Peon	5200-20200/-	1800/-	1	1	0		
		<b>SUB-TOTAL</b>		<b>20</b>	<b>13</b>	<b>7</b>		<b>2</b>

### V. Establishment Section.

SN	Category	Pay Band	G/Pay	Sanc	On Roll	Vac	Remark	Surplus Identified
68	Chief O.S./E	9300-34800/-	4600/-	1	0	1		
69	OS/E	9300-34800/-	4200/-	2	1	1		
70	Sr Clerk/E	5200-20200/-	2800/-	1	0	1		
71	Record Sorter	4440- 7440	1800/-	1	0	1	Diminishing category	1
		<b>SUB-TOTAL</b>		<b>5</b>	<b>1</b>	<b>4</b>		<b>1</b>

### VI. Drawing Section.

<b>72</b>	<b>SSE/Drg</b>	9300-34800/-	4600/-	1	1	0		<b>0</b>
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### VII. Supervisory.

73	SSE/Workshop	9300-34800/-	4600/-	8	1	7		
74	JE/Workshop	9300-34800/-	4200/-	9	3	6		
75	SSE/Plant	9300-34800/-	4600/-	2	0	2		
76	JE/Plant	9300-34800/-	4600/-	2	2	0		
		<b>SUB-TOTAL</b>		<b>21</b>	<b>6</b>	<b>15</b>		<b>0</b>

### VIII. OTHERS.

77	Watch man	5200-20200/-	1800/-	13	8	5	All godowns are located side by side 1.(3+1) Main Gate 2. (3+1) at godowns side	5
78	S/Cleaner	5200-20200/-	1800/-	2	1	1	Diminishing Category	1
		<b>SUB-TOTAL</b>		<b>15</b>	<b>9</b>	<b>6</b>		<b>6</b>

### IX. CANTEEN.

79	C/Manager.	5200-20200/-	1800/-	1	1	0	All Diminishing Category	
80	ASSTT. Halwai	5200-20200/-	1800/-	1	0	1		1
81	C/Bearer	5200-20200/-	1800/-	1	1	0		
		<b>SUB-TOTAL</b>		<b>3</b>	<b>2</b>	<b>1</b>		<b>1</b>
		<b>GRAND TOTAL</b>		<b>287</b>	<b>196</b>	<b>91</b>		<b>35</b>

The clarification/justification of identifying of the above posts as surplus is critically analysed in para 3.2 as below-

**3.2. REDUNDANCY OF WORK LOAD DUE TO TECHNOLOGY UPGRADATION/ SCOPE  
OF UTILISATION AND IDENTIFIED AS DIMINISHING CATEGORY**

**I. Tech.(T/MKR)**

The above trade, named as Tin/Maker/ Tech Tin, is identified as Diminishing Category Under Mech. & S&T Head, vide GM(P)/MLG's letter no-E/59/III/4( C )Pt.V-B dt-16/10/2000 (placed as Annex-III), though this category work force is utilized under Bridge line of Engg Dept. , but nature of work is same as Mech. and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.

**II. Tech.(PLTR)**

The above trade, named as Tech Platter , is identified as surplus on the basis of redundancy of workload due to up-gradation of Technology and requirement , as at present bridges are erected by girders & beam with out reverting .

**III. Tech (RIVT)**

The above trade is identified as Diminishing Category Under Mech. Head, vide GM(P)/MLG's letter no-E/59/III/4( C )Pt.V-B dt-16/10/2000, though this category work force is utilized under Bridge line of Engg Dept. , but nature of work is same as Mech. and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.

**IV. Tech (BSMT)**

The above trade is identified as Diminishing Category Under Mech. Head, vide GM(P)/MLG's letter no-E/59/III/4( C )Pt.V-B dt-16/10/2000, though this category work force is utilized under Bridge line of Engg Dept. , but nature of work is same as Mech. and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.

**V. Tech (MST)**

The above trade is identified as surplus on the basis of redundancy of workload due to up-gradation of Technology and requirement .

**VI. Tech( T/Smith)**

The above trade is identified as Diminishing Category Under Mech. & S&T Head, vide GM(P)/MLG's letter no-E/59/III/4( C )Pt.V-B dt-16/10/2000, though this category work force is utilized under Bridge line of Engg Dept. , but nature of work is same as Mech. and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.

VII. **Tech(F/Driver)**

The above trade, named as Fork Lifter Driver, is identified as surplus on the basis of redundancy of workload due to up-gradation of Technology and requirement .

VIII. **K/Helper**

The above trade is identified as surplus on the basis of redundancy of workload due to up-gradation of Technology and requirement and on the ratio of no. of Gr.C category identified as surplus.

IX. **Record Sorter**

The above trade is identified as Diminishing Category , vide GM(P)/MLG's letter no-E/59/III/4 ( C )Pt.V-B dt-16/10/2000, and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.

X. **S/Cleaner**

The above trade is identified as Diminishing Category , vide GM(P)/MLG's letter no-E/59/III-4 ( C )Pt.V-B dt-14/03/2016 (placed as Annex-II), and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.

XI. **ASSTT. Halwai**

The above trade is identified as Diminishing Category , vide GM(P)/MLG's letter no-E/59/III/4( C )Pt.V-B dt-16/10/2000, and the said category was declared as Diminishing Category 8 yrs ago, hence it is also applicable in this case also.



**CHAPTER-IV**  
**FINANCIAL IMPLICATION**

SN	Category	Pay Band	G/Pay	Basic Pay in Rs	Revised Pay as per 7 <sup>th</sup> CPC	Salary per annum in INR	Nos. of posts proposed for surrender	Total amount in Rs
1	Tech.(T/MKR)/I	5200-20200/-	2800/-	15,500	39,835	4,78,020	1	4,78,020
2	Tech.(PLTR)/III	5200-20200/-	1900/-	14,600	37,522	4,50,264	1	4,50,264
3	Tech (RIVT)/I	5200-20200/-	2800/-	15,500	39,835	4,78,020	1	4,78,020
4	Tech (RIVT)/II	5200-20200/-	2400/-	15,100	38,807	4,65,684	1	4,65,684
5	Tech (RIVT)/III	5200-20200/-	1900/-	14,600	37,522	4,50,264	3	1350792
6	Tech (BSMT)/III	5200-20200/-	1900/-	14,600	37,522	4,50,264	1	4,50,264
7	Helper	5200-20200/-	1800/-	14,500	37,265	4,47,180	12	5366160
8	Tech (MST) I	5200-20200/-	2800/-	15,500	39,835	4,78,020	1	4,78,020
9	Tech(F/Driver)I	5200-20200/-	2800/-	15,500	39,835	4,78,020	3	1434060
10	Tech ( T/Smith)I	5200-20200/-	2800/-	15,500	39,835	4,78,020	1	4,78,020
11	Head Typist	9300-34800/-	4200/-	26,250	67,462.5	8,09,550	1	8,09,550
12	Peon	5200-20200/-	1800/-	14,500	37,265	4,47,180	1	4,47,180
13	Record Sorter	4440- 7440	1800/-	14,500	37,265	4,47,180	1	4,47,180
14	Watch man	5200-20200/-	1800/-	14,500	37,265	4,47,180	5	22,35,900
15	S/Cleaner	5200-20200/-	1800/-	14,500	37,265	4,47,180	1	4,47,180
16	ASSTT. Halwai	5200-20200/-	1800/-	14,500	37,265	4,47,180	1	4,47,180
					<b>TOTAL-</b>		<b>35</b>	<b>1,62,63,474</b>

**5.1. PROJECTED FINANCIAL SAVINGS PER ANNUM**

Rs.162.63 Lakhs (say) per annum

## **CHAPTER-V**

### **RECOMMENDATION**

In this work study 35 nos. of vacant posts of different categories (Tech(MKR)I-1 , Tech(PLTR)III-1 , Tech(RIVT)I-1 , Tech(RIVT)II-1, Tech(RIVT)III-3, Tech(BSMT)III-1, Helper-12, Tech(MST)I-1 , Tech(F/driver)I-3 , Tech(T/Smith)I-1 ,Head Typist-1,Peon-1, RS-1,Watchman-5, S/Cleaner-1 and Asstt Halwai= 1) has identified as surplus and proposed for surrender, which may be deleted from the working BOS.

## **CHAPTER - VI**

### **6.0. READY RECKONER**

<b>Pay Band</b>	<b>GP</b>	<b>Mean pay</b>	<b>Basic Pay in Rs</b>	<b>M.F. of 7<sup>th</sup> CPC(2.57) revised Pay &amp;</b>	<b>Salary per annum in INR</b>
<b>9300-34800</b>	<b>4600</b>	<b>22050</b>	<b>26,650</b>	<b>68,490.5</b>	<b>8,21,886</b>
<b>9300-34800</b>	<b>4200</b>	<b>22050</b>	<b>26,250</b>	<b>67,462.5</b>	<b>8,09,550</b>
<b>5200-20200</b>	<b>2800</b>	<b>12700</b>	<b>15,500</b>	<b>39,835</b>	<b>4,78,020</b>
<b>5200-20200</b>	<b>2400</b>	<b>12700</b>	<b>15,100</b>	<b>38,807</b>	<b>4,65,684</b>
<b>5200-20200</b>	<b>2000</b>	<b>12700</b>	<b>14,700</b>	<b>37,779</b>	<b>4,53,348</b>
<b>5200-20200</b>	<b>1900</b>	<b>12700</b>	<b>14,600</b>	<b>37,522</b>	<b>4,50,264</b>
<b>5200-20200</b>	<b>1800</b>	<b>12700</b>	<b>14,500</b>	<b>37,265</b>	<b>4,47,180</b>

