

NORTHEAST FRONTIER RAILWAY



WORK STUDY REPORT

ON

**REVIEW OF STAFF STRENGTH OF S&T DEPARTMENT UNDER SR DSTE/RNY OF RANGIYA
DIVISION.**

GUIDED BY:

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STUDY NO. WSNF/ 12/2019 - 20

CASE NO. Z/375/10/12/2019 - 20

CENTRAL PLANNING ORGANISATION

N. F. RAILWAY/MALIGAON

GUWAHATI - 781011.

EXECUTIVE SUMMARY

SUBJECT: Review of Staff Strength of S&T department under Sr DSTE/RNY of Rangiya Division.

STUDY NO : WSNF/12/2019- 20

CASE NO : Z/375/10/12/2019- 20

AUTHORITY : SDGM/N.F.R.

CONCERN DIV. : RNY.

DEPARTMENT : S&T.

DATE OF COMMENCEMENT : 02/09/2019

DATE OF COMPLETION : 15/11/2019

DATE OF SUBMISSION : 15/11/2019

TERMS OF REFERENCE:

Approved annual Programme of Work Study.

NOS. OF RECOMMENDATION: 1(One)

In this work study 35 nos. of vacant posts of (OS/G, Tech. , Painter, M Mech, M/T Driver III & Helper /Sig) has identified as surplus and proposed for surrender.

PROJECTED MAN POWER: 35 Posts.

PROJECTED FINANCIAL SAVING: Rs 168.10 Lakhs per annum.

MONTH AND YEAR OF CIRCULATION: OCT/2019

I N D E X

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CHAPTER-1

1. INTRODUCTION

Rangiya is established as a new division of N.F.Railway in the year 2003 and the jurisdiction under RNY Division Starts from NBQ to CGS in main line and from NBQ to AZA in loop line via GLPT including Branch line from RNY to MZS. The MG Gauge from RNY to MZS is converted BG in the year 2012-13. It is situated at middle part of N.F Rly. It is the corridor of ARUNACHAL PRADESH of NE Region, thus it has main role regarding setting up of communication in between state of NE-Region to other parts of India and the RNY Division has been serving the demands of people of NE region satisfactorily even due to difficult of insurgency problems in the region.

However, GOI has taken a policy to connect all the states of NE region to the other parts of country through Railway Network providing updated technical support.

The Railway administration has to make the best use of its resources including manpower keeping them at the optimum level to attain the financial viability. Taking into consideration to this objectives, The Railway Board has emphasized to take up review of staff strength of various departments in the Railway. In pursuance of this policy of Railway Board, the central planning Organisation of N.F.Railway/Maligaon has conducted this work study on requirements of Staff under Sr DSTE/RNY of RNY Division.

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 /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 Sr DSTE/RNY & Subordinates and obtaining their views.
- c) Assess the workload for Commercial /field activity.
- d) Assess the workload for RNY division's field units.
- e) Assess the staff requirements for the above workload.

1.5. ACKNOWLEDGEMENT:

Work study team is grateful to Sri Ravi Chaudhury. Sr DSTE/RNY and Sri Y.Gupta DSTE/RNY, for their kind guidance and co-operation for conducting this study. The work study team is thankful to Sri M.Patir Ch OS/G/RNY for his assistance rendered to the work study team for conducting the subject study.

- 1.6. a) Sr DSTE/RNY has nominated Sri Y.Gupta. DSTE/RNY as associated officer and Sri M.Patir Ch OS/G/RNY as associated supervisor for the said study (placed as Annex-I) .

b) Collection of data relating to workload

The working BOS was collected from Sr. DPO/RNY's office .

CHAPTER-II

EXISTING ACTIVITIES, WORK LOAD & STAFF

WORK LOAD OF B/SMITH.

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signalling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signalling). Hence, work load of Staff is reduced many fold.

TROLLEY MAN

In absolute block working, Push trolley working requires 4(four) trolley men, whereas push trolley may not require permission to enter in Block Section, i.e, without line clear it can proceed, which is very essential for P/way staff for checking and repairing of track in Block section as well as station section, but in absolute block system working, the work of signal Dept. is bounded in between Distant signal to Distant signal of both side, thus use of Push trolley is not mandatory for signaling work. In RNY division the block working is absolute block system, so there is no track circuiting in block section as required in Automatic Block working, hence, all the S&T gears are within station section. Now-a-days train communication to all stations is improved, hence staff movement by trolley is not justified, except any emergency. However, during emergency it is justifiable to move by motor trolley instead of push trolley for speedy movement and in motor trolley working one motor man/driver is required and other staff may be utilized to keep it ON track and OFF track, for this purpose designated Trolley man may not required. Moreover, the motor trolley proceed in block section with proper line clear, so it is not required to OFF track in mid-section as like as push trolley.

Thus, introduction of Motor trolley and as well as improvement of train communication causes redundancy of work load of Trolley man

PAINTER :

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signalling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signalling). Moreover, painting works are presently carried out by out agencies. Hence, work load of Painter is reduced many fold.

CARPENTER:

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signalling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signalling). Moreover, WOODEN works are presently no use at all. Hence, work load of Painter is reduced many fold.

MASON:

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signaling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signaling). Moreover, Mason works are presently carried out by out agencies. Hence, work load of Mason is reduced many fold.

MOTOR MECHANIC:

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signaling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signaling). Moreover, Motor Mechanic works are presently carried out by out agencies. Hence, work load of M. Mechanic is reduced many fold.

3.1. EXISTING SANCTIONED AND IDENTIFIED SURPLUS POSTS:

DISTRIBUTION OF STAFF UNDER SR DSTE OF RANGIYA DIVISION

| Ministerial staff position- (BOS as on 2018) | | | | | | | |
|---|------------|-------------|---------------|-----------|-----|------|----------------|
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | GLPT/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 1 | 0 |
| 2 | BNGN/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 1 | 0 |
| | | OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 |
| 3 | RPAN/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 0 | 1 |
| | | Ch.OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 |
| 4 | RNY/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 0 | 1 |
| | | Sr. clerk/G | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | BNGN/Tele | OS/G | 9,300 -34,800 | 4200 | 1 | 0 | 1 |
| | | Sr. clerk/G | 5200-20200 | 2800 | 0 | 1 | -1 |
| 6 | RNY/Tele | Sr. clerk/G | 5200-20200 | 2800 | 1 | 0 | 1 |
| | | OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 |
| 7 | RPAN/Tele | Sr. clerk/G | 5200-20200 | 2800 | 1 | 0 | 1 |
| 8 | BNGN/ADSTE | Ch.OS/G | 9,300 -34,800 | 4600 | 1 | 0 | 1 |
| | | OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 |
| 9 | Sr.DSTE | Ch.OS/G | 9,300 -34,800 | 4600 | 3 | 1 | 2 |
| | | OS/G | 9,300 -34,800 | 4200 | 5 | 2 | 3 |
| | | Sr. clerk/G | 5200-20200 | 2800 | 0 | 1 | -1 |
| | Total= | | | | 17 | 12 | 5 |
| Technician/Sig under SSE/Sig/NLP (as per BOS-2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | GPZ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 2 | TBH | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 3 | HMY | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 4 | NHLN | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | SOB | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 6 | NLP | Technician | 5200-20200 | 2800 | 2 | 3 | -1 |
| 7 | BGND | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 8 | GOM | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 9 | DMC | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 10 | SPTR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 11 | ACPTR | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 12 | SMCP | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 13 | LMY | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 14 | MZS | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| | | | | Total= | 15 | 13 | 2 |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |

| | | | | | | | |
|---|---------|------------|------------|-----------|-----|------|----------------|
| 1 | HRSN | Technician | 5200-20200 | 2800 | 0 | 0 | 0 |
| 2 | ULG | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 3 | RWTB | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 4 | MJBT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | DKJR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 6 | NMM | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 7 | RPAN | Technician | 5200-20200 | 2800 | 3 | 3 | 0 |
| 8 | BKTB | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 9 | DKGN | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 10 | BVU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 11 | DQL | Technician | 5200-20200 | 2800 | 0 | 0 | 0 |
| 12 | VNE | Technician | 5200-20200 | 2800 | 1 | 3 | -2 |
| 13 | NBX | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 14 | HML | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| | | Total= | | | 14 | 12 | 2 |
| Technician/Sig under SSE/Sig/RNY (as per BOS-2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | TNL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 2 | KBY | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 3 | KYO | Technician | 5200-20200 | 2800 | 0 | 0 | 0 |
| 4 | GVR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | CGS | Technician | 5200-20200 | 2800 | 2 | 1 | 1 |
| 6 | BIZ | Technician | 5200-20200 | 2800 | 1 | 3 | -2 |
| 7 | KDKN | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 8 | RNY | Technician | 5200-20200 | 2800 | 13 | 12 | 1 |
| 9 | GOE | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 10 | NLV | Technician | 5200-20200 | 2800 | 2 | 2 | 0 |
| 11 | KTCH | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 12 | THU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| | | Total= | | | 25 | 24 | 1 |
| Technician/Sig under SSE/Sig/BNGN (as per BOS-2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | PBL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 2 | SPQ | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 3 | BPRD | Technician | 5200-20200 | 2800 | 3 | 2 | 1 |
| 4 | SBE | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | PTLD | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 6 | BJF | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 7 | CPQ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 8 | BNGN | Technician | 5200-20200 | 2800 | 7 | 4 | 3 |
| | | Total= | | | 16 | 13 | 3 |
| 1 | NBQ | Technician | 5200-20200 | 2800 | 13 | 11 | 2 |

| | | | | | | | |
|---|---------|------------|---------------|-----------|-----|------|----------------|
| | | Total= | | | 13 | 11 | 2 |
| Technician/Sig under SSE/Sig/GLPT (as per BOS-2018) | | | | | | | |
| SN | STATION | Category | 5200-20200 | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | MZQ | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 2 | AYU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 3 | JPZ | Technician | 5200-20200 | 2800 | 2 | 3 | -1 |
| 4 | PNVT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | GLPT | Technician | 5200-20200 | 2800 | 7 | 4 | 3 |
| 6 | KRNI | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 7 | DDNI | Technician | 5200-20200 | 2800 | 3 | 2 | 1 |
| 8 | AMGA | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 9 | RGJI | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 10 | DPRA | Technician | 5200-20200 | 2800 | 2 | 1 | 1 |
| 11 | SNGA | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 12 | BOKO | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 13 | BMGN | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 14 | CGON | Technician | 5200-20200 | 2800 | 3 | 3 | 0 |
| 15 | MRZA | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |
| 16 | AZA | Technician | 5200-20200 | 2800 | 2 | 2 | 0 |
| | | Total= | | | 29 | 28 | 1 |
| Technician/Sig under Sr.DSTE/RNY(as per BOS-2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | RNY/HQ | Technician | 5200-20200 | 2800 | 5 | 3 | 2 |
| | | Total= | | | 5 | 3 | 2 |
| Tech/Sig - Summary as on 31 07.2019 (as per BOS-2018) | | | | | | | |
| SN | STATION | Category | 5200-20200 | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | SSE/Sig | NLP | 5200-20200 | 4600 | 15 | 14 | 1 |
| 2 | SSE/Sig | RPAN | 9,300 -34,800 | 4600 | 14 | 13 | 1 |
| 3 | SSE/Sig | RNY | 9,300 -34,800 | 4600 | 25 | 24 | 1 |
| 4 | SSE/Sig | BNGN | 9,300 -34,800 | 4600 | 16 | 13 | 3 |
| 5 | SSE/Sig | NBQ | 9,300 -34,800 | 4600 | 13 | 11 | 2 |
| 6 | SSE/Sig | GLPT | 9,300 -34,800 | 4600 | 29 | 28 | 1 |
| 7 | Sr.DSTE | RNY/HQ | 9,300 -34,800 | 4600 | 5 | 3 | 2 |
| | | Total= | | | 117 | 106 | 11 |
| | | | | | | | |
| Technician/Tele under SSE/Tele/NLP (as per BOS 2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | SCPR | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 2 | LMY | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 3 | DMC | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 4 | GOM | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 5 | NLP | Technician | 5200-20200 | 2800 | 2 | 3 | -1 |

| | | | | | | | |
|--|----------------|-----------------|-------------------|------------------|------------|-------------|-----------------------|
| 6 | HMY | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 7 | NHLN | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 8 | DBW | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| | | Total= | | | 9 | 6 | 3 |
| Technician/Tele under SSE/Tele/RPAN (as per BOS 2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | HML | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 2 | VNE | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 3 | DQL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 4 | BVU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | DKGN | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 6 | RPAN | Technician | 5200-20200 | 2800 | 9 | 12 | -3 |
| 7 | NMM | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 8 | MJBT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 9 | ULG | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| | | Total= | | 5200-20200 | 17 | 16 | 1 |
| Technician/Tele under SSE/Tele/RNY (as per BOS 20178) | | | | | | | |
| SN | STATION | Category | 5200-20200 | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | TNL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 2 | GVR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 3 | BIZ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 4 | RNY | Technician | 5200-20200 | 2800 | 14 | 13 | 1 |
| 5 | NLV | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 6 | THU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| | | Total= | | | 19 | 18 | 1 |
| Technician/Tele under SSE/Tele/BNGN (as per BOS 2018) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | PBL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 2 | BPRD | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 3 | BJF | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 4 | BNGN | Technician | 5200-20200 | 2800 | 4 | 5 | -1 |
| 5 | NBQ | Technician | 5200-20200 | 2800 | 8 | 7 | 1 |
| 6 | MZQ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 7 | JPZ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 8 | GLPT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 9 | DDNI | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 10 | AMJA | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 11 | DPRA | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 12 | BOKO | Technician | 5200-20200 | 2800 | 1 | 0 | 1 |
| 13 | CGON | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 14 | AZA | Technician | 5200-20200 | 2800 | 1 | 1 | 0 |
| 15 | MLG | Technician | 5200-20200 | 2800 | 1 | 2 | -1 |

| | | | | | | | |
|---|-------------|----------|---------------|-----------|-----|------|----------------|
| | Total = | | | 25 | 23 | 1 | |
| Summary Tech/Tele as on 31.10.2018 (vacancy position) | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | SSE/Tele | NLP | 9,300 -34,800 | 4600 | 9 | 6 | 3 |
| 2 | SSE/Tele | RPAN | 9,300 -34,800 | 4600 | 17 | 16 | 1 |
| 3 | SSE/Tele | RNY | 9,300 -34,800 | 4600 | 19 | 18 | 1 |
| 4 | SSE/Tele | BNGN | 9,300 -34,800 | 4600 | 25 | 23 | 2 |
| | Total= | | | | 70 | 63 | 7 |
| Black smith/Sig Sr.B/S=4, B/S-I=9, B/S-II=1, B/S-III=3 G.Total=17 | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | Black smith | NLP | 5200-20200 | 2800 | 2 | 2 | 0 |
| 2 | Black smith | RPAN | 5200-20200 | 2800 | 3 | 5 | - 2 |
| 3 | Black smith | RNY | 5200-20200 | 2800 | 4 | 4 | 0 |
| 4 | Black smith | BNGN | 5200-20200 | 2800 | 3 | 2 | 1 |
| 5 | Black smith | NBQ | 5200-20200 | 2800 | 1 | 1 | 0 |
| 6 | Black smith | GLPT | 5200-20200 | 2800 | 4 | 3 | 1 |
| | Total = | | | | 17 | 17 | 0 |
| Carpenter/Sig Sr.CPTR=1, CPTR-I=2, G.Total=3 | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | Carpeter | NLP | 5200-20200 | 2800 | 0 | 0 | 0 |
| 2 | Carpeter | RPAN | 5200-20200 | 2800 | 1 | 0 | 1 |
| 3 | Carpeter | RNY | 5200-20200 | 2800 | 1 | 0 | 1 |
| 4 | Carpeter | BNGN | 5200-20200 | 2800 | 1 | 2 | -1 |
| 5 | Carpeter | GLPT | 5200-20200 | 2800 | 0 | 1 | -1 |
| | Total = | | | | 3 | 3 | 0 |
| Painter/Sig, Sr.PNTR=1, PNTR-I=1 G.Total=3 | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | Painter | NLP | 5200-20200 | 2800 | 0 | 0 | 0 |
| 2 | Painter | RPAN | 5200-20200 | 2800 | 0 | 0 | 0 |
| 3 | Painter | RNY | 5200-20200 | 2800 | 1 | 1 | 0 |
| 4 | Painter | BNGN | 5200-20200 | 2800 | 1 | 1 | 0 |
| 5 | Painter | NBQ | 5200-20200 | 2800 | 1 | 0 | 1 |
| 6 | Painter | GLPT | 5200-20200 | 2800 | 0 | 0 | 0 |
| | Total = | | | | 3 | 2 | 1 |
| Motor Mechanic/Sig, Sr.M/Mech=1, M/Mech-I=2 G.Total=3 | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | M/Mechanic | NLP | 5200-20200 | 2800 | 0 | 0 | 0 |
| 2 | M/Mechanic | RPAN | 5200-20200 | 2800 | 0 | 0 | 0 |
| 3 | M/Mechanic | RNY | 5200-20200 | 2800 | 1 | 2 | -1 |
| 4 | M/Mechanic | BNGN | 5200-20200 | 2800 | 1 | 0 | 1 |
| 5 | M/Mechanic | GLPT | 5200-20200 | 2800 | 1 | 0 | 1 |
| | Total = | | | | 3 | 2 | 1 |
| M/T. Driver | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |

| | | | | | | | |
|-----------------------|-----------------|-----------------|---------------|------------------|------------|-------------|-----------------------|
| 1 | M/T Driver/III | BNGN | 5200-20200 | 1900 | 1 | 0 | 1 |
| T.P.O. | | | | | | | |
| 1 | Suptd.TPO | RNY | 9,300 -34,800 | 4200 | 2 | 2 | 0 |
| Motor Driver : | | | | | | | |
| 1 | Motor Driver/II | RNY | 5200-20200 | 2400 | 1 | 1 | 0 |
| Helper /Sig | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess |
| 1 | Helper /Sig | NLP | 5200-20200 | 1900 | 9 | 8 | 1 |
| 2 | Helper /Sig | RPAN | 5200-20200 | 1900 | 26 | 14 | 12 |
| 3 | Helper /Sig | RNY | 5200-20200 | 1900 | 38 | 35 | 3 |
| 4 | Helper /Sig | BNGN | 5200-20200 | 1900 | 33 | 28 | 5 |
| 5 | Helper /Sig | NBQ | 5200-20200 | 1900 | 11 | 12 | -1 |
| 6 | Helper /Sig | GLPT | 5200-20200 | 1900 | 33 | 24 | 9 |
| 7 | Helper /Tele | NLP | 5200-20200 | 1900 | 6 | 3 | 3 |
| 8 | Helper /Tele | RPAN | 5200-20200 | 1900 | 10 | 5 | 5 |
| 9 | Helper /Tele | RNY | 5200-20200 | 1900 | 10 | 10 | 0 |
| 10 | Helper /Tele | BNGN | 5200-20200 | 1900 | 14 | 11 | 3 |
| | | | TOTAL | | 190 | 150 | 40 |
| | | | GRAND TOTAL | | 351 | 297 | 53 |

CHAPTER –III

CRITICAL ANALYSIS OF EXISTING WORK LOAD AND STAFF REQUIREMENTS

The scope of the study is restricted only in the categories of Mason, Motor Mechanic, Trolley man , Carpentry & Blacksmith staff in the S&T department on the basis of redundancy of work load due to inclusion of advanced technology.

REDUNDANCY OF WORK LOAD OF BLACK SMITH.

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signalling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signalling). Hence, work load of Staff is reduced many fold.

TROLLEY MAN

In absolute block working, Push trolley working requires 4(four) trolley men, whereas push trolley may not require permission to enter in Block Section, i.e, without line clear it can proceed, which is very essential for P/way staff for checking and repairing of track in Block section as well as station section, but in absolute block system working, the work of signal Dept. is bounded in between Distant signal to Distant signal of both side, thus use of Push trolley is not mandatory for signaling work. In RNY division the block working is absolute block system, so there is no track circuiting in block section as required in Automatic Block working, hence, all the S&T gears are within station section . Now-a-days train communication to all stations is improved, hence staff movement by trolley is not justified , except any emergency. However, during emergency it is justifiable to move by motor trolley instead of push trolley for speedy movement and in motor trolley working one motor man/driver is required and other staff may be utilized to keep it ON track and OFF track, for this purpose designated Trolley man may not required. Moreover, the motor trolley proceed in block section with proper line clear, so it is not required to OFF track in mid-section as like as push trolley.

Thus, introduction of Motor trolley and as well as improvement of train communication causes redundancy of work load of Trolley man

PAINTER :

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signalling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signalling). Moreover, painting works are presently carried out by out agencies. Hence, work load of Painter is reduced many fold.

CARPENTER:

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signalling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signalling). Moreover, WOODEN works are presently no use at all. Hence, work load of Painter is reduced many fold.

MASON:

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signaling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signaling). Moreover, Mason works are presently carried out by out agencies. Hence, work load of Mason is reduced many fold.

MOTOR MECHANIC:

In S&T Department modernization is done by replacing Mechanical Signal By Electrical & Electronics Signaling. In the RNY division also all the stations are equipped with RRI, SSI & P.I (All Electrical & Electronics signaling). Moreover, Motor Mechanic works are presently carried out by out agencies. Hence, work load of M. Mechanic is reduced many fold.

IDENTIFIED SURPLUS POSTS UNDER SR DSTE OF RANGIYA DIVISION

| Ministerial staff position- (BOS as on 2018) | | | | | | | | |
|---|----------------|-----------------|---------------|------------------|------------|-------------|-----------------------|---------------------------------|
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | IDENTIFIED SURPLUS POSTS |
| 1 | GLPT/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 1 | 0 | |
| 2 | BNGN/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 1 | 0 | |
| | | OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 | |
| 3 | RPAN/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 0 | 1 | |
| | | Ch.OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 | |
| 4 | RNY/Sig | OS/G | 9,300 -34,800 | 4200 | 1 | 0 | 1 | |
| | | Sr. clerk/G | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | BNGN/Tele | OS/G | 9,300 -34,800 | 4200 | 1 | 0 | 1 | |
| | | Sr. clerk/G | 5200-20200 | 2800 | 0 | 1 | -1 | |
| 6 | RNY/Tele | Sr. clerk/G | 5200-20200 | 2800 | 1 | 0 | 1 | |
| | | OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 | |
| 7 | RPAN/Tele | Sr. clerk/G | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 8 | BNGN/ADSTE | Ch.OS/G | 9,300 -34,800 | 4600 | 1 | 0 | 1 | |
| | | OS/G | 9,300 -34,800 | 4200 | 0 | 1 | -1 | |
| 9 | Sr.DSTE | Ch.OS/G | 9,300 -34,800 | 4600 | 3 | 1 | 2 | |
| | | OS/G | 9,300 -34,800 | 4200 | 5 | 2 | 3 | 2 |
| | | Sr. clerk/G | 5200-20200 | 2800 | 0 | 1 | -1 | |
| | Total= | | | | 17 | 12 | 5 | |
| Technician/Sig under SSE/Sig/NLP (as per BOS-2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | GPZ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 2 | TBH | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 3 | HMY | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 4 | NHLN | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | SOB | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 6 | NLP | Technician | 5200-20200 | 2800 | 2 | 3 | -1 | |
| 7 | BGND | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 8 | GOM | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 9 | DMC | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 10 | SPTR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 11 | ACPTR | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 12 | SMCP | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 13 | LMY | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 14 | MZS | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| | | | | Total= | 15 | 13 | 2 | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | HRSN | Technician | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 2 | ULG | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |

| | | | | | | | | |
|---|---------|------------|------------|-----------|-----|------|----------------|---|
| 3 | RWTB | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | 1 |
| 4 | MJBT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | DKJR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 6 | NMM | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 7 | RPAN | Technician | 5200-20200 | 2800 | 3 | 3 | 0 | |
| 8 | BKTB | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | 1 |
| 9 | DKGN | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 10 | BVU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 11 | DQL | Technician | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 12 | VNE | Technician | 5200-20200 | 2800 | 1 | 3 | -2 | |
| 13 | NBX | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 14 | HML | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| | | Total= | | | 14 | 12 | 2 | |
| Technician/Sig under SSE/Sig/RNY (as per BOS-2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | TNL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 2 | KBY | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 3 | KYO | Technician | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 4 | GVR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | CGS | Technician | 5200-20200 | 2800 | 2 | 1 | 1 | 1 |
| 6 | BIZ | Technician | 5200-20200 | 2800 | 1 | 3 | -2 | |
| 7 | KDKN | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 8 | RNY | Technician | 5200-20200 | 2800 | 13 | 12 | 1 | |
| 9 | GOE | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 10 | NLV | Technician | 5200-20200 | 2800 | 2 | 2 | 0 | |
| 11 | KTCH | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 12 | THU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| | | Total= | | | 25 | 24 | 1 | |
| Technician/Sig under SSE/Sig/BNGN (as per BOS-2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | PBL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 2 | SPQ | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 3 | BPRD | Technician | 5200-20200 | 2800 | 3 | 2 | 1 | 1 |
| 4 | SBE | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | PTLD | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 6 | BJF | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 7 | CPQ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 8 | BNGN | Technician | 5200-20200 | 2800 | 7 | 4 | 3 | 2 |
| | | Total= | | | 16 | 13 | 3 | |
| 1 | NBQ | Technician | 5200-20200 | 2800 | 13 | 11 | 2 | |
| | | Total= | | | 13 | 11 | 2 | |
| Technician/Sig under SSE/Sig/GLPT (as per BOS-2018) | | | | | | | | |

| SN | STATION | Category | 5200-20200 | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
|--|---------|---------------|---------------|-----------|------------|------------|----------------|---|
| 1 | MZQ | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 2 | AYU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 3 | JPZ | Technician | 5200-20200 | 2800 | 2 | 3 | -1 | |
| 4 | PNVT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | GLPT | Technician | 5200-20200 | 2800 | 7 | 4 | 3 | 2 |
| 6 | KRNI | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 7 | DDNI | Technician | 5200-20200 | 2800 | 3 | 2 | 1 | |
| 8 | AMGA | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 9 | RGJI | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 10 | DPRA | Technician | 5200-20200 | 2800 | 2 | 1 | 1 | |
| 11 | SNGA | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 12 | BOKO | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 13 | BMGN | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 14 | CGON | Technician | 5200-20200 | 2800 | 3 | 3 | 0 | |
| 15 | MRZA | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 16 | AZA | Technician | 5200-20200 | 2800 | 2 | 2 | 0 | |
| | | Total= | | | 29 | 28 | 1 | |
| Technician/Sig under Sr.DSTE/RNY(as per BOS-2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | RNY/HQ | Technician | 5200-20200 | 2800 | 5 | 3 | 2 | 1 |
| | | Total= | | | 5 | 3 | 2 | |
| Tech/Sig - Summary as on 31 07.2019 (as per BOS-2018) | | | | | | | | |
| SN | STATION | Category | 5200-20200 | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | SSE/Sig | NLP | 5200-20200 | 4600 | 15 | 14 | 1 | |
| 2 | SSE/Sig | RPAN | 9,300 -34,800 | 4600 | 14 | 13 | 1 | |
| 3 | SSE/Sig | RNY | 9,300 -34,800 | 4600 | 25 | 24 | 1 | |
| 4 | SSE/Sig | BNGN | 9,300 -34,800 | 4600 | 16 | 13 | 3 | |
| 5 | SSE/Sig | NBQ | 9,300 -34,800 | 4600 | 13 | 11 | 2 | |
| 6 | SSE/Sig | GLPT | 9,300 -34,800 | 4600 | 29 | 28 | 1 | |
| 7 | Sr.DSTE | RNY/HQ | 9,300 -34,800 | 4600 | 5 | 3 | 2 | |
| | | Total= | | | 117 | 106 | 11 | |
| Technician/Tele under SSE/Tele/NLP (as per BOS 2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | SCPR | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 2 | LMY | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 3 | DMC | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 4 | GOM | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 5 | NLP | Technician | 5200-20200 | 2800 | 2 | 3 | -1 | |
| 6 | HMY | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 7 | NHLN | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |

| | | | | | | | | |
|---|---------|------------|------------|------------|-----|------|----------------|---|
| 8 | DBW | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| | | Total= | | | 9 | 6 | 3 | |
| Technician/Tele under SSE/Tele/RPAN (as per BOS 2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | HML | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 2 | VNE | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 3 | DQL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 4 | BVU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | DKGN | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 6 | RPAN | Technician | 5200-20200 | 2800 | 9 | 12 | -3 | |
| 7 | NMM | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 8 | MJBT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 9 | ULG | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| | | Total= | | 5200-20200 | 17 | 16 | 1 | |
| Technician/Tele under SSE/Tele/RNY (as per BOS 20178) | | | | | | | | |
| SN | STATION | Category | 5200-20200 | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | TNL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 2 | GVR | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 3 | BIZ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 4 | RNY | Technician | 5200-20200 | 2800 | 14 | 13 | 1 | |
| 5 | NLV | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 6 | THU | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| | | Total= | | | 19 | 18 | 1 | |
| Technician/Tele under SSE/Tele/BNGN (as per BOS 2018) | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | PBL | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 2 | BPRD | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 3 | BJF | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 4 | BNGN | Technician | 5200-20200 | 2800 | 4 | 5 | -1 | |
| 5 | NBQ | Technician | 5200-20200 | 2800 | 8 | 7 | 1 | |
| 6 | MZQ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 7 | JPZ | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 8 | GLPT | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 9 | DDNI | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 10 | AMJA | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | 1 |
| 11 | DPRA | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 12 | BOKO | Technician | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 13 | CGON | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 14 | AZA | Technician | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 15 | MLG | Technician | 5200-20200 | 2800 | 1 | 2 | -1 | |
| | | Total = | | | 25 | 23 | 1 | |
| Summary Tech/Tele as on 31.10.2018 (vacancy position) | | | | | | | | |

| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
|---|----------------|----------|---------------|-----------|-----|------|----------------|---|
| 1 | SSE/Tele | NLP | 9,300 -34,800 | 4600 | 9 | 6 | 3 | |
| 2 | SSE/Tele | RPAN | 9,300 -34,800 | 4600 | 17 | 16 | 1 | |
| 3 | SSE/Tele | RNY | 9,300 -34,800 | 4600 | 19 | 18 | 1 | |
| 4 | SSE/Tele | BNGN | 9,300 -34,800 | 4600 | 25 | 23 | 2 | |
| | Total= | | | | 70 | 63 | 7 | |
| Black smith/Sig Sr.B/S=4, B/S-I=9, B/S-II=1, B/S-III=3 G.Total=17 | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | Black smith | NLP | 5200-20200 | 2800 | 2 | 2 | 0 | |
| 2 | Black smith | RPAN | 5200-20200 | 2800 | 3 | 5 | - 2 | |
| 3 | Black smith | RNY | 5200-20200 | 2800 | 4 | 4 | 0 | |
| 4 | Black smith | BNGN | 5200-20200 | 2800 | 3 | 2 | 1 | |
| 5 | Black smith | NBQ | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 6 | Black smith | GLPT | 5200-20200 | 2800 | 4 | 3 | 1 | |
| | Total = | | | | 17 | 17 | 0 | |
| Carpenter/Sig Sr.CPTR=1, CPTR-I=2, G.Total=3 | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | Carpeter | NLP | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 2 | Carpeter | RPAN | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 3 | Carpeter | RNY | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 4 | Carpeter | BNGN | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 5 | Carpeter | GLPT | 5200-20200 | 2800 | 0 | 1 | -1 | |
| | Total = | | | | 3 | 3 | 0 | |
| Painter/Sig, Sr.PNTR=1, PNTR-I=1 G.Total=3 | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | Painter | NLP | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 2 | Painter | RPAN | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 3 | Painter | RNY | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 4 | Painter | BNGN | 5200-20200 | 2800 | 1 | 1 | 0 | |
| 5 | Painter | NBQ | 5200-20200 | 2800 | 1 | 0 | 1 | 1 |
| 6 | Painter | GLPT | 5200-20200 | 2800 | 0 | 0 | 0 | |
| | Total = | | | | 3 | 2 | 1 | |
| Motor Mechanic/Sig, Sr.M/Mech=1, M/Mech-I=2 G.Total=3 | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | M/Mechanic | NLP | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 2 | M/Mechanic | RPAN | 5200-20200 | 2800 | 0 | 0 | 0 | |
| 3 | M/Mechanic | RNY | 5200-20200 | 2800 | 1 | 2 | -1 | |
| 4 | M/Mechanic | BNGN | 5200-20200 | 2800 | 1 | 0 | 1 | |
| 5 | M/Mechanic | GLPT | 5200-20200 | 2800 | 1 | 0 | 1 | 1 |
| | Total = | | | | 3 | 2 | 1 | |
| M/T. Driver | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | M/T Driver/III | BNGN | 5200-20200 | 1900 | 1 | 0 | 1 | 1 |
| T.P.O. | | | | | | | | |

| | | | | | | | | |
|-----------------------|-----------------|-----------------|---------------|------------------|------------|-------------|-----------------------|----|
| 1 | Suptd.TPO | RNY | 9,300 -34,800 | 4200 | 2 | 2 | 0 | |
| Motor Driver : | | | | | | | | |
| 1 | Motor Driver/II | RNY | 5200-20200 | 2400 | 1 | 1 | 0 | |
| Helper /Sig | | | | | | | | |
| SN | STATION | Category | SCALE | GRADE PAY | BOS | ROLL | Vacancy/Excess | |
| 1 | Helper /Sig | NLP | 5200-20200 | 1900 | 9 | 8 | 1 | |
| 2 | Helper /Sig | RPAN | 5200-20200 | 1900 | 26 | 14 | 12 | 8 |
| 3 | Helper /Sig | RNY | 5200-20200 | 1900 | 38 | 35 | 3 | |
| 4 | Helper /Sig | BNGN | 5200-20200 | 1900 | 33 | 28 | 5 | 4 |
| 5 | Helper /Sig | NBQ | 5200-20200 | 1900 | 11 | 12 | -1 | |
| 6 | Helper /Sig | GLPT | 5200-20200 | 1900 | 33 | 24 | 9 | 5 |
| 7 | Helper /Tele | NLP | 5200-20200 | 1900 | 6 | 3 | 3 | |
| 8 | Helper /Tele | RPAN | 5200-20200 | 1900 | 10 | 5 | 5 | 1 |
| 9 | Helper /Tele | RNY | 5200-20200 | 1900 | 10 | 10 | 0 | |
| 10 | Helper /Tele | BNGN | 5200-20200 | 1900 | 14 | 11 | 3 | 2 |
| | | | TOTAL | | 190 | 150 | 40 | 20 |
| | | | GRAND TOTAL | | 351 | 297 | 53 | 35 |

CHAPTER-IV
RECOMMENDATION

In this work study 35 nos. of vacant posts has identified as surplus of (OS/G-2, Technician-10 , Painter-1,M Mechanic -1, M/T Driver III-1 & Helper /Sig-20) proposed for surrender, which may be deleted from the working BOS.

| SN | Category | Pay Band | G/Pay | Basic Pay in Rs | Revised Pay as per 7 th CPC | Salary per annum in INR | Nos. of posts proposed for surrender | Total amount in Rs |
|----|----------------|---------------|-------|-----------------|--|-------------------------|--------------------------------------|--|
| 1 | OS/G | 9,300 -34,800 | 4200 | 26,250 | 67,462.5 | 8,09,550 | 2 | 16,19,100 |
| 2 | Technician | 5200-20200 | 2800 | 15,500 | 39,835 | 4,78,020 | 10 | 4,78,0200 |
| 3 | Painter | 5200-20200 | 2800 | 15,500 | 39,835 | 4,78,020 | 1 | 4,78,020 |
| 4 | M/Mechanic . | 5200-20200 | 2800 | 15,500 | 39,835 | 4,78,020 | 1 | 4,78,020 |
| | M/T Driver/III | 5200-20200 | 1900 | 14,600 | 37,522 | 4,50,264 | 1 | 4,50,264 |
| 5 | Helper /Sig | 5200-20200 | 1900 | 14,600 | 37,522 | 4,50,264 | 20 | 90,05,280 |
| | | | | | | TOTAL | 35 | 1,68,10,884. 168.10 Lakh (approx) |

CHAPTER- V
FINANCIAL IMPLICATION

5.1. PROJECTED FINANCIAL SAVINGS PER ANNUM

Rs.168.10Lakhs (say) per annum

CHAPTER - VI

6.0. READY RECKONER

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