



WORK STUDY

ON

REVIEW OF STAFF STRENGTH OF CONSERVANCY STAFF (HOUSE KEEPING ASSISTANT) IN THE UNIT OF H&MI/TSK UNDER CMS/TSK IN TSK DIV.

GUIDED BY:

SHRI B. LAKRA. SDGM

SHRI L. R. WARY. EO.

CO-ORDINATING OFFICERS & PERSONNEL

BRANCH OFFICER : SHRI BIDHAN CH RAY. CMS/TSK .

ASSOCIATED OFFICER: SHRI C. SAIKIA. (Health)/DBRT.

DIVISIONAL INSPECTOR: SHRI LABANYA DAS. CH&MI/MXN.

CONDUCTED BY

SHRI B.R.GHOSE DASTIDAR. WSI.

SHRI A. BARUAH. WSI.

STUDY NO. WSNF/ 03/2020 - 21

CASE NO. Z/375/10/03/2020 - 21

CENTRAL PLANNING ORGANISATION

N. F. RAILWAY/MALIGAON

GUWAHATI - 781011.

EXECUTIVE SUMMARY

SUBJECT: Review of Staff Strength of Conservancy staff (House Keeping Assistant) in the unit of H&MI/TSK under CMS/TSK of Tinsukia Division.

STUDY NO : **WSNF/03/2020 - 21**

CASE NO : **Z/375/10/03/2020 - 21**

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

CONCERN DIV. : **TSK.**

DEPARTMENT : **MEDICAL.**

DATE OF COMMENCEMENT : **9/11/2020**

DATE OF COMPLETION : **17/11/2020**

DATE OF SUBMISSION : **17/11 /2020**

TERMS OF REFERENCE:

Approved annual Programme of Work Study.

NOS. OF RECOMMENDATION: 1(One)

In this work study, the study team has identified total 15 nos. of vacant Posts of different categories (Sr JDR - 1, JDR - 9 , Safaiwala(SG) – 2, Sr Malaria Mate-1 & Malaria Mate-2) as surplus and proposed for surrender.

PROJECTED MAN POWER : **15 Posts.**

PROJECTED FINANCIAL SAVING : **Rs 69.48 Lakhs per annum.**

MONTH AND YEAR OF CIRCULATION: **NOV/2020**

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CHAPTER - I

1.0. INTRODUCTION:

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 these objectives, the Railway Board has emphasized to take up review on staff strength of various departments in the Railway. In pursuance with this policy of Railway Board the Central Planning Organization has conducted this work-study on requirements of Conservancy staff (HKA) under CMS/TSK of TSK Division.

1.2 . ACKNOWLEDEMENT :

Work study team is grateful to Dr. Bidhan Ch. Ray, CMS/TSK for his kind guidance and co-operation for conducting this study.

1.3. 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 non-core activity.
- Availability of better process/ technology.
- Reducing/ removing redundancy in work.

1.4. DUTIES AND RESPONSIBILITIES OF House Keeping Assisstant.

The duties and responsibilities are to look after the curative, preventive and environmental sanitation work in Rly. Stations, Circulating area attached to Rly. Stations, Colony Area, Office complex, Play ground and Parks, etc. and others in the vicinity of Railway Area.

1.5. AUTHORITY

SDGM /N.F.Railway

1.6. TERMS OF REFERENCE

To assess the requirements of Conservancy staff at the unit of H&MI/TSK under CMS/TSK in TSK division.

1.7. METHODOLOGY

- a) Collection of data relating to workload.
- b) Discussion with Medical Officers & subordinates and obtaining their views.
- c) Assess the workload for sanitation of Station & Colonies.
- d) Assess the staff requirements for the above workload.

- 1.8. CMS/TSK has nominated SHRI C. SAIKIA. (Health)/DBRT as associated officer and SHRI LABANYA DAS. CH &MI/MXN as associated supervisor for the said study (placed as Annex-I)

CHAPTER-II

EXISTING ACTIVITIES, WORK LOAD & STAFF

2.0. WORK LOAD OF SWEEPER/CLEANERS/SAFAIWALAI.

- i) Collect, remove and dispose off rubbish and night soil from railway premises and colonies etc.
- ii) Sweep the road and other surface area of the Railway premise and colonies and collect the sweepings and put these in the dustbins and also dust and remove cobwebs etc.
- iii) Clean the drains and carry out periodic de-silting.

2.1. WORK LOAD OF House Keeping Assistant/ Conservancy Staff.

The duties and responsibilities are to look after the curative, preventive and environmental sanitation work in Rly. Stations, Circulating area attached to Rly. Stations, Colony Area, Office complex, Play ground and Parks, etc. and others in the vicinity of Railway Area.

2.2. EQUATED FLOOR AREA UNDER H&MI/TSK CONSERVANCY

The conservancy staff are utilised for cleaning of Station Area, Rly. Colonies, drains, open Spaces, etc. and the areas are as follows-

SN	ITEM OF WORK	UNIT
1	Sweeping of Road (Pucca & Katcha)	3,51,000 Sq ft
2	Sweeping of Platform	69,158.12 Sq ft
3	Sweeping of Track between outside & between rail	26,917.85 Sq ft
4	Cleaning of Drains- (i) Large- (ii) Average-	32,677.17 R ft 41,026.90 R ft
5	Cleaning of Latrines Common Service(4 times Cleaning daily) Private Service (Twice Cleaning daily)	NIL 03
6	Sanitation of Quarters (Sweeping of open space)	68350.83 Sq. ft
7	Trenching	NIL
8	Bhisty	NIL.

2.3. The existing staff position of conservancy/HKA under H&MI/TSK :

S/N	CATEGORY	PAY BAND	GRADE PAY	BOS	ON ROLL	VACANCY
1	Sr. JDR	5200-20200	2800	5	NIL	5
2	JDR	5200-20200	2400	18	6	12
3	Safaiwala (SG)	5200-20200	2000	13	11	2
4	Safaiwala	5200-20200	1900	10	14	(-)4
5	Safaiwala	5200-20200	1800	0	02	(-)2
6	Sr Malaria Mate	5200-20200	2400	2	1	1
	Malaria Mate	5200-20200	2000	03	01	2
	Malaria Man(SG)	5200-20200	2000	02	03	(-)1
	Malaria Man	5200-20200	2000	02	02	0
			TOTAL	55	40	15

***Total 7 nos of posts operated in excess with reference to the current sanctioned strength**

CHAPTER-III

CRITICAL ANALYSIS

3.0. REQUIREMENT OF HKA AS PER YARD STICK).

Study as per Yard Stick is conducted at large units/ stations, as below.

- 3.1.** As per Yard Stick of Conservancy Staff issued by CMO/PNO, vide circular no- H/259/0 (Loose) dt-21.1.63 which is reproduced below –

SN	ITEM OF WORK	YARD STICK TO BE ADOPTED
1	Sweeping of Road (Pucca & Katcha)	76,000 sq.ft (per man /day)
2	Sweeping of Platform	13,000 sq.ft (per man /hour)
3	Sweeping of Track between outside & between rail	23,000 sq.ft (per man /day)
4	Cleaning of Drains- (i) Large- (ii) Average-	4,000 Rft(per man /day) 8,800 Rft(per man /day)
5	Cleaning of Latrines (a) Common Service(4 times Cleaning daily) (b) Private Service (Twice Cleaning daily)	24 Seats (per man /day) 40 privies (per man /day)
6	Sanitation of Quarters (Sweeping of open space)	50,000 sq.ft (per man /day)
7	Trenching	Trenches (10'X2'X2')(per man /day)
8	Bhisty	One for two drain sweepers.

**3.2. REQUIREMENTS OF STAFF(SAFAIWALA) UNDER H&MI/ TSK CONSERVANCY AS
CALCULATED ON THE BASIS OF ABOVE YARDSTICK**

SN	ITEM OF WORK	YARD STICK TO BE ADOPTED	UNIT	Total Requirement of staff as per calculation.
1	Sweeping of Road (Pucca & Katcha)	76,000 sq.ft (per man /day)	3,51,000 Sq ft	4.61
2	Sweeping of Platform	13,000 sq.ft (per man /hour)	69158.12 Sq ft.	5.31
	Sweeping of Station circulating area			
3	Sweeping of Track between outside & between rail	23,000 sq.ft (per man /day)	26917.85 Sq ft	1.17
4	Cleaning of Drains-			
	(i) Large-	4,000 Rft (per man /day)	32677.17 R ft	8.16
	(ii) Average-	8,800 Rft (per man /day)	41026.90 R ft	4.66
5	Cleaning of Latrines			
	(c) Common Service (4 times Cleaning daily)			
	(d) Private Service (Twice Cleaning daily)	24 Seats (per man /day)	NIL	
		40 privies (per man /day)	03	0.075
6	Sanitation of Quarters (Sweeping of open space)	50,000 sq.ft (per man /day)	68350.83 Sq. ft	1.4
TOTAL:-				25.38 (Say 26)

3.3. As per yard stick, calculated strength of required man power is shown in above Table in Para-3.2 as 40 nos. without considering LR staff strength.

Calculated strength of LR is 12.5% OF 26 = 3.25(SAY 4)

Hence, Total calculated strength of required manpower is (34+4)= 38 only.

3.4. Considering the above facts the work study team observed that as there is excess staff operated by H&MI/TSK under CMS/TSK than the calculated strength of required man power which is shown above by utilising yard stick of conservancy staff. Observing the future prospect of TSK Railway area the work study team concluded that 19 numbers of vacant posts may be surrendered. Remaining excess manned post may be surrendered phase wise.

3.5. To prevent **Malaria**, Health Ministry of State Government had taken an action plan and accordingly spreading of DDT, etc. are done by State Health Department in Railway Colony also. Thus, work load of Railway Malaria Man is off-loaded. In view of this, Posts of **Sr Malaria Mate** (Sanctioned Post- 2), **Malaria Mate** (Sanctioned Post- 3), **Malaria Man(SG)** (Sanctioned Post- 2), **Malaria Man** (Sanctioned Post- 2) -Total 9 posts may be re-deployed/ surrendered.

3.6. Proposed strength of conservancy staff/ House Keeping Assistant under H&MI/TSK :

S/N	CATEGORY	PAY BAND	GRADE PAY	BOS	ON ROLL	PROPOSED STRENGTH	VACANCY	SURPLUS	EXCESS
1	Sr. JDR	5200-20200	2800	5	NIL	4	5	1	
2	JDR	5200-20200	2400	18	6	9	12	9	
3	Safaiwala (SG)	5200-20200	2000	13	11	11	2	2	
4	Safaiwala	5200-20200	1900	10	14	10	(-)4		*4 posts operated in Excess
5	Safaiwala	5200-20200	1800	0	02	0	(-)2		*2 posts operated in Excess
6	Sr. Malaria Mate	5200-20200	2400	2	1	1	1	1	
7	Malaria Mate	5200-20200	2000	03	01	01	2	2	
8	Malaria Man(SG)	5200-20200	2000	02	03	02	(-)1		*1 posts operated in Excess
9	Malaria Man	5200-20200	2000	02	02	02	0	0	
			TOTAL	55	40	40	15	15	7

***Total 7 nos of posts are operated in excess with reference to the current sanctioned strength**

CHAPTER-IV
RECOMMENDATION

The study team has identified total 15 nos. of vacant Posts of different categories (Sr JDR - 1, JDR - 9 , Safaiwala(SG) – 2, Sr Malaria Mate-1 & Malaria Mate-2) as surplus and proposed for surrender.

CHAPTER- V
FINANCIAL IMPLICATION
EXPENDITURE / SAVINGS PER ANNUM

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	Sr. JDR	5200-20200	2800	15,500	39,835	4,78,020	1	4,78,020
2	JDR	5200-20200	2400	15,100	38,807	4,65,684	9	41,91,156
3	Safaiwala (SG)	5200-20200	2000	14,700	37,779	4,53,348	2	9,06,696
4	Sr. Malaria Mate	5200-20200	2400	15,100	38,807	4,65,684	1	4,65,684
5	Malaria Mate	5200-20200	2000	14,700	37,779	4,53,348	2	9,06,696
						TOTAL	15	69,48,252. Say 69.48 lakhs/Annum

1.0. PROJECTED SAVINGS PER ANNUM :

The related savings against proposed surplus posts is at the tune of Rs 69.48 Lakh (say) as calculated in above table.

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