

ACKNOWLEDGEMENT

The Central Planning Organization takes this opportunity to express hearty thanks to the officials and staff of Medical Department and Personnel department of BZA Division for their valuable guidance and co-operation in completion of the report.

Work-study team is also thankful in general to all the Health Inspectors for extending their support by giving necessary information/ statistical data.

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METHODOLOGY

The Work Study department has applied the following techniques for completion of the Work Study.

1. Collection of the details of workload.
2. Interaction with the Officers and Staff.
3. Observation of the pattern of working.
4. Critical examination of the existing system of working and
5. Assessment of manpower requirement for the existing workload by applying yardstick and practical observation of it.

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SYNOPSIS

- **SUBJECT:** Work study On Review of Staff Strength of Medical Safaiwalas of over Vijayawada Division.
- **AUTHORITY:** Annual Programme of Work Studies 2018-19.
- **STUDY NO:** WSSCR-32/2018-19.
- **REFERENCE FILE NO:** G/276/2/WSSCR-32/2018-19.
- **AREA OF ACTIVITY:** Medical Safaiwalas over BZA Division.
- As per the directives of SDGM, the central planning cell of south central railway has taken up the work-study on the “Review of Staff Strength of Medical Safaiwalas and Safaiwala mistries at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO Railway stations over BZA division with a view to right size the organization.
- Safaiwalas are utilized in surface sanitation. Their main duties comprise of sweeping of platforms, retiring rooms, tracks, waiting halls, circulating area, FOBs, collection and disposal of refuse, cleaning of sanitary amenities, colony etc.
- An assessment of work-Load was done by Work-study Team precisely taking into account every aspect of cleaning/maintenance of stations, in terms of men requirement based on practical observation of time taken by Medical Safaiwalas. The Work study team analyzed the work spots under CHI/HI of BZA Division and collected the information and observed the pattern of working.
- As per Rly. Board commercial Circular No.107 of 2006 dated 04-01-2007 and the corrigendum CC No 47 of 2014 dated 26.11.2014 (corrigendum to CC no 107 of 2006)the Zonal Railways shall go for outsourcing of cleaning activities at all A ,B ,C ,D & E category stations and delegated powers to DRMs of the divisions to grant contracts of outsourcing the cleaning activity.
- **Requirement of Safaiwalas:** For the convenience of administration in assessment of requirement of safaiwalas, the total area of the station is divided into 3 Zones
 - Zone -1: consists of plat forms, waiting halls, service buildings, VIP lounge, booking offices, reservation offices, FOBs, Taps, Sanitary amenities and circulating areas, etc.
 - Zone -2: Consists of all platform tracks and open drains between tracks
 - Zone-3: Consists of rag picking from Plat Form end to Home Signals and Yard Cleaning, garbage lifting from station premises and colony.
- **Requirement of Safaiwalas at Colonies and revised sanctions for stations:**

S No	Station	Sanctioned	No. of Quarters	Staff required for colony	Staff required for station
1.	GDR	18	183	4 (3- sweeping and 1- Drains)	14
2.	OGL	18	191	4 (3- sweeping and 1- Drains)	14
3.	CLX	6	43	3 (2- sweeping and 1- Drains)	3
4.	TUI	8	186	4 (3- sweeping and 1- Drains)	4
5.	BVRM/T	13	178	4 (3- sweeping and 1- Drains)	9
6.	RJY	35	685	8 (6- sweeping and 2- Drains)	27
7.	TEL	22	181	4 (3- sweeping and 1- Drains)	18
8.	EE	10	95	3 (2- sweeping and 1- Drains)	7
9.	SLO	18	136	4 (3- sweeping and 1- Drains)	14
	Total	148		38	110

- **Comparison statement of requirement of man power and their wages:**

Station	San	No. of staff Required	Excess	Surrender Value of departmental staff per year	Wages of outsourcing staff per year	Savings on outsourcing
GDR	14	14	0	6857928	2255787	4602147
OGL	14	10	4	6857928	1611276	5246652
CLX	3	14	-11	1469556	2255787	-786231
TUI	4	10	-6	1959408	1611276	348132
BVRM/T	9	20	-11	4408668	3222552	1186116
RJY	27	14	13	13226004	2255787	10970217
TEL	18	14	4	8817336	2255787	6561549

EE	7	10	-3	3428964	1611276	1817688
SLO	14	11	3	6857928	1772404	5085524
Total	110	117	-7	53883720	18851932	35031794

- In the present scenario, due to increase in Operating Ratio, there is a financial burden on Railways. To overcome this crunch and in order to exercise control over expenditure, Railway Board identified certain categories on which the Zonal Railways may conduct work-study. The work being done by Safaiwalas is one such non-core activity, which does not require any expertise, and the services can be got at cheaper rate owing to abundance of manpower available in our country.
- As per Rly Board commercial Circular No.107 of 2006 dated 04-01-2007 and the corrigendum dated 2014 the Zonal Railways should go for mechanized cleaning at all A,B,C,D&E category stations and delegated powers to DRMs of the divisions to grant contracts of outsourcing the cleaning activity involving large component mechanized cleaning.
- Total annual amount saving after out sourcing the cleaning activities at above said stations = Annual payment for 110 departmental safaiwalas for one year - Annual payment for 117 contract safaiwalas for one year. Due to outsourcing of cleaning activity savings of Rs **35031794/-** can also be achieved. Hence it is recommended to outsource the cleaning activity at these stations.

➤ **Recommendation-I:**

It is recommended to surrender 110 posts of Medical Safaiwalas after outsourcing the cleaning activities at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO stations.

➤ **SAVE position of Safaiwala Maistries:**

S No	Station	San	Act	Vac
1.	GDR	1	0	1
2.	OGL	1	0	1
3.	CLX	1	0	1
4.	TEL	2	2	0
5.	EE	1	0	1
6.	RJY	3	2	1
7.	SLO	1	0	1
8.	TUNI	1	0	1
9.	BVRM	1	0	1
	Total	12	4	8

- It is observed that that there are 12 sanctioned posts of Safaiwala maistries with 4 on roll staff and 8 vacancies are existing at the above said 9 stations.
- After outsourcing the cleaning activities at the above 9 stations, the posts of Safaiwala Maistry will be redundant. Hence the following recommendation is made.

➤ **Recommendation-II:**

It is recommended to surrender the 12 redundant posts of Safaiwala Maistry after outsourcing the cleaning activities at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO stations.

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1.0 INTRODUCTION

- 1.1 **RAILWAY'S ROLE:** Indian Railways is one of the biggest transport organizations whose services are utilized by a large number of floating populations. It becomes more important to maintain hygiene to avoid spread of any communicable disease. Therefore, it is desirable to have a set up which can ensure cleanliness and hygiene in the Railway premises both in the station area and in the Railway colony.
- 1.2 Apart from running of trains, maintaining cleanliness in the station premises and Railway colonies is one of the prime objectives of the Railway.
- 1.3 **INCREASING OPERATING EXPENSES:-** The operating / working expenses are increasing year after year. It is therefore imperative that to keep the working expenses within financially viable limits, the Railways have no alternative but to reduce the expenses from all the corners. The major portion of expenses being staff expenses, all our efforts have to be made to contain it. In order to exercise control over expenditure, Railway Board have identified certain categories on which the Zonal Railways may conduct work-study. The work being done by Safaiwalas is one such non-core activity, that falls into this category, which do not require technical expertise and the services can be got at cheaper rate owing to abundance of manpower available in our country.
- 1.4 **GENESIS OF THE REPORT:** With the object of rightsizing the manpower and according priority to the Railway main motto of safety, security, punctuality and cleanliness, the Central Planning Organization under the control of SDGM, as approved by Railway Board and SDGM, conducted Work study on "**Review of staff strength of Medical Safaiwalas and Safaiwala Maistries of over Vijayawada Division**".
- 1.5 **WORK & IMPORTANCE OF SANITATION AND MEDICAL DEPT:** Sanitation means maintaining a clean environment so that the beneficiaries stay in neat and hygienic environment. Railway stations, colonies and all work places are to be maintained in a hygienic and clean manner and adequate care is to be taken at the planning stage. Keeping this objective in view, special emphasis is laid on the collection and disposal of refuse, sewage and sullage in a scientific manner.
- 1.6 Sanitation Services can be provided in all the railway premises including the railway colonies, railway stations, circulating area, railway yards, offices, coaches, and the track. Cleanliness of these areas is a multidisciplinary approach by various departments of the Railways viz., Medical, Engineering, Commercial and Mechanical.
- 1.7 The Medical Department maintains cleanliness at railway stations and colonies where Health Inspectors are posted. The Mechanical Department looks after the sanitation and cleanliness of the coaches. The Civil Engineering Department does so for the yards, track and underground sewerage areas.
- 1.8 Safaiwalas engaged in Railway stations and Colony in Medical Branch is responsible for upkeep of the Platform area, service building, staff quarters and circulation area. The Work study team studied this activity of Medical Safaiwalas of GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO Railway stations over BZA division.

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2.0 EXISTING SCENARIO:**2.1 CLEANLINESS AND IMPLEMENTATION:**

Sanitation means maintaining a clean environment so that the beneficiaries stay in neat and hygienic environment. Railway stations, colonies and all work places are to be maintained in a hygienic and clean manner and adequate care is to be taken at the planning stage. Keeping this objective in view, special emphasis is laid on the collection and disposal of refuse, sewage and sullage in a scientific manner. All the sanitation work within the station premises shall be under the control of Station Superintendent/Station Manager. Sanitary Inspector & SSE/Works where exclusively posted for the station maintenance shall be placed under the administrative control of the Station Superintendent/Station Manager.

2.2 OBJECTIVES: Cleanliness being one of the main concern areas of Indian Railways, divisions would create hygienic conditions by using modern technology and highly motivated manpower to provide -

- a) Clean & Green environment to rail users at stations and on trains.
- b) Healthy work environment for staff working on track and in Railway premises.

2.3 ROLE PLAY OF DEPARTMENTS:**I. MEDICAL:**

- 1) Medical Dept. is vested with the responsibility for cleanliness of A-1, A & B (NSG-1 to NSG-6) Class stations.
- 2) Health Inspectors are posted to maintain the station in good fettle. Besides the primary responsibility of Health Inspector, Station Masters will have the overall supervision with regard to cleanliness.
- 3) Awarding contracts for rag picking and garbage cleaning from the pick-up point to final Disposable point.

II. OPERATING:

- 1) Station Managers/Station Masters are responsible for the maintenance of cleanliness of stations.
- 2) Suitable creation of cash imprest for the above purpose and its regular upkeep.
- 3) Traffic Inspectors are made responsible for the regular recoupment of cash imprest of stations in their jurisdiction.

III. COMMERCIAL:

- 1) Commercial department is responsible for overall supervision of cleanliness at all stations.
- 2) Supply of plastic buckets, mugs, Doormats (cotton/duroturf), dustbins, polythene covers to Retiring Rooms, waiting halls and on platforms.
- 3) Awarding contracts for Pay & Use Toilets and monitoring the functioning of the contract.
- 4) Necessary guidelines and proper alerts to Travelling Public are communicated through PA system and by placing educative boards at prominent and vulnerable places.
- 5) Section Commercial Inspectors are responsible for maintenance of cleanliness and proper use of Station Imprest cash.

IV. ENGINEERING:

- 1) Directly responsible for water supply for washing of Platform surface and washable tracks (CC Aprons) including provision of Nozzles Taps.
- 2) Maintenance of cleanliness of inter-station areas and railway premises,,
- 3) Cleanliness of all stations structures over and above 8' height.
- 4) Awarding contracts for rag picking, cleaning debris and fecal matter in the inter-station areas.

V. MECHANICAL:

- 1) Disinfection of all coaches and rodent control of AC coaches at the Coaching Depots.
- 2) Cleaning of trains in depots for originating trains and at stations for enroute trains as per codal provision.
- 3) Enroute cleaning of long distance traveling trains by adopting "Clean Train Station" scheme.

VI. **ELECTRICAL DEPT:**

- 1) Responsible for provision/maintenance/repairs of electrical switches in appropriate places for Mechanized cleaning.
- 2) Cleaning of Electrical appliances like Fans, Lights, Coolers etc.,
- 3) Cleaning of water tanks of water coolers.

VII. **GRP:** To clear the dead bodies on the platforms as early as possible.

2.4 BROAD CATEGORIZATION OF CLEANING ACTIVITIES: The cleaning activities at all railway premises are categorized as follow:

- a. Maintenance of cleanliness at all railway premises by wet/dry cleaning either manual or mechanized.
- b. Rag picking on tracks.
- c. Removal of debris from railway premises
- d. Garbage disposal management.
- e. Removal of night soil from track and other railway premises.

2.5 SCALE CHECK: "SAVE" statement of Safaiwalas as on 01.10.2018 is Furnished below:

S No	Station	Safaiwalas			Maistries		
		San.	Act.	Vac.	San.	Act.	Vac.
1.	GDR	18	14	4	1	0	1
2.	OGL	18	10	8	1	0	1
3.	CLX	6	14	-8	1	0	1
4.	TEL	22	14	8	2	2	0
5.	EE	10	10	0	1	0	1
6.	RJY	35	14	21	3	2	1
7.	SLO	18	11	7	1	0	1
8.	TUNI	8	10	-2	1	0	1
9.	BVRM	13	20	-7	1	0	1
	TOTAL	148	117	31	12	4	8

2.6 DUTIES OF CHIEF HEALTH INSPECTOR /HEALTH INSPECTOR:

Chief Health Inspector and Health Inspector perform the following duties:

- a) Health Education of the community.
- b) Actively participate in all health programmes.
- c) Report at once to the Medical Officer in charge of the division about the outbreak of epidemic diseases like Cholera, Plague or any suspicious increase in the mortality or sickness in his jurisdiction and take steps for control of communicable diseases in the community.
- d) Carry out preventive measures including immunization.
- e) Inspect food and drinks sold to the public at the stations and colonies and work as a food inspector under the prevention of Food Adulteration Act when authorized.
- f) Look after the sanitary arrangements for fair and festivals in his jurisdiction.
- g) Monitor the quality of the water supplied by testing for residual chlorine and collecting samples for bacteriological analysis.
- h) Carry out anti mosquito, anti fly and other pest control measures.
- i) Carry out all administrative duties of his office and staff under him.
- j) Be responsible for efficient maintenance of sanitation in colonies /stations.
- k) See that the conservancy staff posted under him to do their work properly. He should particularly bear in mind that it is his duty not merely to order work to be done, but also see that it is actually carried out.
- l) Meet Jamedar daily and receive their reports of complaints regarding sanitation if any, investigate them, have them attended and report to his officer.
- m) Note down any defects in the drains and latrines, urinals etc., and arrange to get them repaired by Engineering Department.

- n) Visit each trenching ground at least three times a week and must see that all night soil is properly buried there.
- o) Carefully see that the terms and conditions of the various clauses of agreements with the contractors are carried out properly and any discrepancies etc., are immediately brought out to the notice of the higher authorities.

2.7 Duties of Safaiwalas:

They perform the following duties and participate in cleaning activities as per the instructions of Station Superintendent/Station Manager/CHI for work earmarked.

- a) Cleaning of Station premises, Station approaches service buildings of station.
- b) Rag picking like empty cups, paper covers, and polythene bags.
- c) Picking up of discard water bottles, paper plates and other articles scattered on the track and in between the tracks in the specified area
- d) Picking up of night soil and all other waste /garbage and removal and disposal of the same to an outside dump yard.
- e) Everyday cleaning of the station area & track area.
- f) Cleaning of Railway Quarters.

2.8 The following factors decide the workload of Health Inspectors:-

- a) Total number of passengers per day.
- b) Number of platforms.
- c) Number of trains originating/terminating.
- d) Number of trains passing through/halting and passing through.

2.9 In the same way the workload of Safaiwalas is decided by:-

- a) No. of Platforms.
- b) No.of daily passengers incoming/outgoing per day.
- c) No.of daily customers accompanying passengers for receiving & sending passengers.
- d) Total No. of train services daily /weekly.
- e) Total No. of Taps.
- f) Total No. of Wash basins.

2.10 Generally, sweeping area of station premises including all the platforms is being considered as workload of Safaiwalas. In the same way, the workload of Safaiwalas working in colony consists of the total sweeping area of colony along with length of Drains.

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3.0 CRITICAL EXAMINATION:

- 3.1 GENERAL:** Health is a state of complete physical, mental, spiritual and social well being and not merely an absence of disease or infirmity i.e., it is a positive concept. Public Health is the science and art of (i) Preventive disease (ii) Prolonged life and (iii) Promoting health efficiency through organized community effort. Public Health administration is the application of Public health principles and techniques for the benefit of the community by official or non-official organizations. On the Railways, the Chief Medical Officer is in charge of the Public health Administration and the responsibility for carrying out this work is shared among the Medical, Commercial, Operating, Mechanical and Engineering departments.
- 3.2** In general, the station premises become dirty owing to more detention to passengers in the station premises, passenger trains detained for watering, breakfast, meals etc., or crossing other trains, provision of refreshment stall etc. Most of the stations are provided with refreshment stalls. Though the instructions regarding cleaning of premises by refreshments stall contractors are clear, passengers are habituated to carry the food packets/coffee or teacups to the compartments and throw them elsewhere rendering the station premises dirty and unhygienic.
- 3.3** In order to make stations and colonies clean, Safaiwala category in Medical Department are used for surface sanitation. At every station the Station Manager in co-ordination with Chief Health Inspector/Health Inspector specifies a time slot for thorough cleaning and washing of platforms, waiting halls, concourses, washable aprons and other utilities. The responsibility for cleanliness of these areas is directly vested with the Station Manager.
- 3.4** As per the directives of Railway Board and SDGM, the Work study Team approached CMS/BZA, Sr.DEn&Hm in order to conduct Work study on Medical Safaiwalas working at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO Railway stations over BZA division.
- 3.5** As per Rly. Board commercial Circular No.107 of 2006 dated 04-01-2007 and the corrigendum CC No 47 of 2014 dated 26.11.2014 (corrigendum to CC no 107 of 2006) the Zonal Railways shall go for outsourcing of cleaning activities at all A ,B ,C ,D & E category stations and delegated powers to DRMs of the divisions to grant contracts of outsourcing the cleaning activity.
- 3.6** Requirement of Safaiwalas at Colonies and revised sanctions for stations:

S No	Station	Sanctioned	No. of Quarters	Staff required for colony	Staff required for station
10.	GDR	18	183	4 (3- sweeping and 1- Drains)	14
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14.	BVRM/T	13	178	4 (3- sweeping and 1- Drains)	9
15.	RJY	35	685	8 (6- sweeping and 2- Drains)	27
16.	TEL	22	181	4 (3- sweeping and 1- Drains)	18
17.	EE	10	95	3 (2- sweeping and 1- Drains)	7
18.	SLO	18	136	4 (3- sweeping and 1- Drains)	14
	Total	148		38	110

- 3.7 Requirement of Safaiwalas:** For the convenience of administration in assessment of requirement of safaiwalas, the total area of the station is divided into 3 Zones
- Zone -1: consists of plat forms, waiting halls, service buildings, VIP lounge, booking offices, reservation offices, FOBs, Taps, Sanitary amenities and circulating areas, etc.
 - Zone -2: Consists of all platform tracks and open drains between tracks
 - Zone-3: Consists of rag picking from Plat Form end to Home Signals and Yard Cleaning, garbage lifting from station premises and colony.

3.7.1 GUDUR Station:

- a) Gudur Railway station is classified as a “NSG-3” Category station.
b) The sanctioned strength of Medical safaiwalas at Gudur Station is as follows:

Category	Sanctioned Strength	Actual	Vac
Safaiwalas	14	10	4

c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2/3 & 4 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticides, cleaning , clearing and washing	<p>Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc`</p> <p>Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley)</p> <p>Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals.</p> <p>Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all sanitary amenities with detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when required during inspections	4
2	Cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirting's, tiled area, clearing of cobwebs,	Sweeping, cleaning and washing	<p>Manual cleaning of columns with dadoos and sitting arrangements and vacuum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behind sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be 		2

	seating arrangement s, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(FOB), all stair cases , one sub way, VIP lounge, General waiting halls , gents /ladies waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)		engaged both for machinery and manual activity		
Zone-2					
1	Track no 1,2,3 &4, Goods track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	4

2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse silt by battery operated mobile trolley to nominated dumping yard	1
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		13
			Supervisor		1
			Total		14

d) Summary of Man power requirement at GDR station over BZA Division:

Thus after practical observation of working system, the requirement of Medical Safaiwalas under Health Inspectors of HI/GDR Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Excess on requirement
1	safaiwalas	14	10	14	0
	Total	14	10	14	0

e) Calculation of Annual Salary for 14 departmental safaiwalas:

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emoluments P.M (in Rs.)	Total Emolument P.A(in Rs.)
		From	To					
1	Safaiwala	18000	56900	14	37450	3371	571494	6857928
TOTAL				14				6857928

- f) Calculation of Annual payment for 14 contract staff after out sourcing cleaning activities at GDR station.

Sl No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	14	359X365X14 =1906030/-	1906030X18.35/100=349756.5	1906030+ 349756.5= 2255786.5
Annual Payment for contract staff						2255787

- g) Total amount savings after out sourcing the cleaning activity at GDR station= Annual payment for 14 departmental safaiwalas - Annual payment for 14 contract staff for one year. 6857928- 2255787= Rs. 4602141/-. Thereby work study team calculated Annual savings after out sourcing the cleaning activity at GDR station is **4602141/-**.

3.7.2 Ongole (OGL) Station:

- a) Ongole Railway station is classified as a “NSG-3” Category station.
- b) The sanctioned strength of Medical safaiwalas at Ramagundam Station is as follows:

Category	Sanctioned Strength (Revised)	Actual	No. of Vac
Safaiwalas	14	6	8

- c) **Calculation of manpower requirement:**

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2/3 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when required during inspections	2

			<p>floor + thorough cleaning and washing of all sanitary eminities with detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>		
2	<p>of foot over bridges(FOB), all stair cases one sub way, VIP lounge, General waiting halls gents /ladies waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)</p>	<p>Sweeping , cleaning and washing</p>	<p>Manual cleaning of colomns with dadoos and sitting arrangements and vaccum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behing sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2
Zone-2					
1	<p>Track no 1,2&3 Goods track, Drain between track</p>	<p>Collection of garbage from tracks, thorough sweeping of tracks and</p>	<p>Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.</p>	<p>To be done manually</p>	2

		cleaning of drains between tracks after departure of every train & as and when required.			
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard	1
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves , picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		9
			Supervisor		1
			Total		10

d) **Summary of Man power requirement at OGL station over BZA Division:**

Thus after practical observation of working system, the requirement of Medical Safaiwalas under Health Inspectors of HI/OGL Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Excess on requirement
1	Safaiwalas	14	6	10	4
	Total	14	6	10	4

e) Based on the above calculations, the actual requirement of Safaiwalas at OGL station works out to 10 posts over the present sanctions of 14 safaiwala posts and found 4 medical safaiwalas are excess to the requirement at OGL station.

f) Calculation of Annual Salary for 14 departmental safaiwalas:

Sl. No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emoluments P.M (in Rs.)	Total Emoluments P.A(in Rs.)
		From	To					
1	Safaiwala	18000	56900	14	37450	3371	571494	6857928
	TOTAL			14				6857928

g) Calculation of Annual payment for 10 contract staff after out sourcing cleaning activities at RDM station.

Sl No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	10	373X365X10= 1361450/-	1361450X18.35/100=249826	1361450+ 249826= 1611276
	Annual Payment for contract staff					1611276

h) Total amount savings after out sourcing the cleaning activity at OGL station =Annual payment for 14 departmental safaiwalas - Annual payment for 10 contract staff for one year.
6857928- 1611276 = Rs. 5246652/-

3.7.3 **CHIRALA STATION:**

a) The Chirala Railway station is classified as a “NSG-4” Category station.

b) The sanctioned strength of Medical safaiwalas at CLX Station is as follows:

Category	Sanctioned Strength	Actual	Vac
Safaiwalas	3	11	-8

c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1,1A/2&3/4 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are	4

			<p>from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all sanitary eminities with detergents and disinfectants including wall with dadoos Frequency: Twice daily+ as and when required during inspections. Allotted workers should be engaged both for machinery and manual activity</p>	<p>deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when required during inspections</p>	
2	<p>cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping</p>	<p>Sweeping , cleaning and washing</p>	<p>Manual cleaning of colomns with dadoos and sitting arrangements and vaccum cleaners, Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behing sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	and cleaning of foot over bridges(F OB), all stair cases , one sub way, VIP launge, General waiting halls , gents /ladies waiting hall/room s, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathroom s)				
Zone-2					
1	Track no 1,2,3 &4, Goods track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	4

2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard	1
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves, picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		13
			Supervisor		1
			Total		14

d) Summary of Man power requirement at CLX station over BZA Division:

Thus after practical observation of working system the requirement of Medical Safaiwalas under Health Inspectors of HI/CLX Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Deficient on sanctions
1	safaiwalas	3	11	14	11
	Total	3	11	14	11

e) Based on the above calculations, the actual requirement of Safaiwalas at CLX station works out to 14 posts over the present sanctions of 3 safaiwala posts and found 11 medical safaiwala is less than the requirement at CLX station.

f) Calculation of Annual Salary for departmental safaiwalas (taken mean pay for calculation purpose):

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emoluments P.M (in Rs.)	Total Emoluments P.A (in Rs.)
		From	To					
1	Safaiwala	18000	56900	3	37450	3371	122463	1469556
TOTAL				3				1469556

g) Calculation of Annual payment for 14 contract staff after out sourcing cleaning activities at CLX station.

Sl. No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	14	359X365X14= 1906030/-	1906030X18.35/ 100=349756.5	1906030+ 349756.5= 2255786.5
Annual Payment for contract staff						2255787

3.7.4 Tuni Station:

- a) Tuni Railway station is classified as a “NSG-4” Category station.
b) The sanctioned strength of Medical safaiwalas at Tuni Station is follows:

Category	Sanctioned Strength	Actual	No. of Vac./Excess
Safaiwalas	4	6	-2

c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during	2

			<p>continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all sanitary eminities with detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	<p>inspection.</p> <p>Spraying will be arranged once daily and as when required during inspections</p>	
2	<p>Cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(F OB), all stair cases , one sub way, VIP</p>	<p>Sweeping , cleaning and washing</p>	<p>Manual cleaning of colomns with dadoos and sitting arrangements and vaccum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behing sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	launge, General waiting halls , gents /ladies waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathroom s)				
Zone-2					
1	Track no 1,2,3 &4, Goods track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	2
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and	1

		garbage trolley and dumping in nominated dust bin.		transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard	
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves, picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		9
			Supervisor		1
			Total		10

d) **Summary of Man power requirement at Tuni station over BZA Division:**

Thus after applying the yardstick, practical observation of working system and also taking into account the net sweeping area, the requirement of Medical safaiwalas under HI/Tuni Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Deficient on sanctions
1	safaiwalas	4	6	10	6
	Total	4	6	10	6

e) Based on the above calculations, the actual requirement of Safaiwalas at Tuni station works out to 10 posts over the present sanctions of 4 safaiwala posts and found 6 medical safaiwalas are less than the requirement at Tuni station.

f) **Calculation of Annual Salary for departmental safaiwalas (taken mean pay for calculation purpose):**

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emoluments P.M (in Rs.)	Total Emoluments P.A (in Rs.)
		From	To					
1	Safaiwala	18000	56900	4	37450	3371	163284	1959408
TOTAL				4				1959408

- g) **Calculation of Annual payment for 14 contract staff after out sourcing cleaning activities at Tuni station.**

Sl. No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	10	373X365X10= 1361450/-	1361450X18.35/ 100=249826	1361450+ 249826= 1611276
Annual Payment for contract staff						1611276

- h) Total Amount Saving after out sourcing the cleaning activity at Tuni station =Annual payment for 4 departmental safaiwalas - Annual payment for 10 contract staff for one year. i.e. 1959408- 1611276 = Rs. 348132/-. Thereby work study team calculated annual saving after out sourcing the cleaning activity at Tuni station is **348132/-**.

3.7.5 Bhimavaram Station:

- a) BVRM & BVRT Railway station is classified as a “NSG-4&3” Category stations.
b) The sanctioned strength of Medical safaiwalas at BVRM Station is follows:

Category	Sanctioned Strength	Actual	No. of Vac./Excess
Safaiwalas	9	16	-7

- c) Calculation of manpower requirement at BVRM station:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all sanitary eminities with detergents and disinfectants	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when required during	2

			<p>including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	inspections	
2	<p>cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(F OB), all stair cases , one sub way, VIP lounge, General waiting halls , gents /ladies waiting</p>	<p>Sweeping , cleaning and washing</p>	<p>Manual cleaning of colomns with dadoos and sitting arrangements and vaccum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behing sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)				
Zone-2					
1	Track no 1,2,3 &4, Goods track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	2
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to	1

				nominated dumping yard	
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to Home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves, picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		9
			Supervisor		1
			Total		10

• Calculation of manpower requirement at BVRT station

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2 circulating areas, station premises, portions etc	Sweeping and Mopping + Spraying of insecticides, cleaning, clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains, fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily	2

			<p>cleaning and washing of all sanitary eminities with detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	and as when required during inspections	
2	<p>cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(F OB), all stair cases , one sub way, VIP launge, General waiting halls ,</p>	Sweeping , cleaning and washing	<p>Manual cleaning of colomns with dadoos and sitting arrangements and vaccum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behing sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	gents /ladies waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)				
Zone-2					
1	Track no 1,2,3 &4, Goods track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	2
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery	1

		dust bin.		operated mobile trolley to nominated dumping yard	
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to Home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves, picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		9
			Supervisor		1
			Total		10

d) **Summary of Man power requirement at BVRM & BVRT stations over BZA Division:**

Thus after practical observation of working system, the requirement of Medical safaiwalas under HI/Tuni Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Deficient on sanctions
1	safaiwalas	9	16	20	11
	Total	9	16	20	11

e) Based on the above calculations, the actual requirement of Safaiwalas at **BVRM & BVRT** stations works out to 20 posts over the present sanctions of 9 safaiwala posts and found 11 medical safaiwalas are less than the requirement at **BVRM & BVRT** stations.

f) **Calculation of Annual Salary for departmental safaiwalas (taken mean pay for calculation purpose):**

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emoluments P.M (in Rs.)	Total Emoluments P.A (in Rs.)
		From	To					
1	Safaiwala	18000	56900	9	37450	3371	367389	4408668
TOTAL				9				4408668

- g) Calculation of Annual payment for 20 contract staff after out sourcing cleaning activities at BVRM & BVRT stations.

Sl. No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	20	373X365X20= 2722900/-	2722900X18.35/ 100=499652	2722900+ 499652= 3222552
Annual Payment for contract staff						3222552

- h) Total Amount Saving after out sourcing the cleaning activity at BVRM & BVRT stations = Annual payment for 13 departmental safaiwalas - Annual payment for 20 contract staff for one year. i.e. 4408668- 3222552 = Rs. 1186116/-. Thereby work study team calculated annual saving after out sourcing the cleaning activity at Tuni station is **1186116/-**.

3.7.6 Rajahmundry Station:

- a) RJY Railway station is classified as a “NSG-3” Category station.
b) The sanctioned strength of Medical safaiwalas at RJY Station is follows:

Category	Sanctioned Strength	Actual	Vac
Safaiwalas	27	6	21

- c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2/3 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all sanitary eminities with	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when required	5

			<p>detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	during inspections	
2	<p>cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(FOB), all stair cases, one subway, VIP lounge, General waiting halls, gents/ladies</p>	Sweeping, cleaning and washing	<p>Manual cleaning of columns with dadoos and sitting arrangements and vacuum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behind sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)				
Zone-2					
1	Track no 1,2 & 3 Goods track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	3
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile	1

				trolley to nominated dumping yard	
Zone 3					
1	Rag picking from plat forms end to Home Signals and Yard	Collection of rag from Plat forms end to home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves , picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		13
			Supervisor		1
			Total		14

d) **Summary of Man power requirement at RJY station over BZA Division:**

Thus after practical observation of working system, the requirement of Medical safaiwalas under HI/RJY Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Excess on sanctions
1	safaiwalas	27	6	14	13
	Total	27	6	14	13

e) Based on the above calculations, the actual requirement of Safaiwalas at RJY station works out to 14 posts over the present sanctions of 27 safaiwala posts and found 13 medical safaiwalas are excess to the requirement at RJY station.

f) **Calculation of Annual Salary for departmental safaiwalas (taken mean pay for calculation purpose):**

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emolumen ts P.M (in Rs.)	Total Emolumen ts P.A (in Rs.)
		From	To					
1	Safaiwala	18000	56900	27	37450	3371	1102167	13226004
TOTAL				27				13226004

- g) Calculation of Annual payment for 14 contract staff after out sourcing cleaning activities at RJY station.

Sl. No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	14	373X365X14= 1906030/-	1906030X18.35/ 100=349757	1906030+ 349757= 2255787
Annual Payment for contract staff						2255787

- h) Total Amount Saving after out sourcing the cleaning activity at RJY station =Annual payment for 35 departmental safaiwalas - Annual payment for 14 contract staff for one year. i.e. 13226004- 2255787 = Rs. 10970217/-. Thereby work study team calculated annual saving after out sourcing the cleaning activity at RJY station is **10970217/-**.

3.7.7 Tenali Station:

- a) TEL Railway station is classified as a “NSG-3” Category station.
b) The sanctioned strength of Medical safaiwalas at TEL Station is follows:

Category	Sanctioned Strength	Actual	Vac
Safaiwalas	18	10	8

- c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1,2/3&4/5 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, and tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when	3

			<p>cleaning and washing of all sanitary eminities with detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	required during inspections	
2	<p>cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(F OB), all stair cases , one sub way, VIP launge, General waiting halls ,</p>	Sweeping , cleaning and washing	<p>Manual cleaning of colomns with dadoos and sitting arrangements and vaccum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behing sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		3

	gents /ladies waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)				
Zone-2					
1	Track no 1,2,3,4&5 track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	4
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery	1

		dust bin.		operated mobile trolley to nominated dumping yard	
Zone 3					
1	Rag picking from platform ends to Home Signals and Yard	Collection of rag from Platform ends to Home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves, picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		13
			Supervisor		1
			Total		14

d) Summary of Man power requirement at TEL station over BZA Division:

Thus after practical observation of working system, the requirement of Medical safaiwalas under HI/TEL Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Excess on sanctions
1	safaiwalas	18	10	14	4
	Total	18	10	14	4

e) Based on the above calculations, the actual requirement of Safaiwalas at TEL station works out to 14 posts over the present sanctions of 18 safaiwala posts and found 4 medical safaiwalas are excess to the requirement at TEL station.

f) **Calculation of Annual Salary for departmental safaiwalas (taken mean pay for calculation purpose):**

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emoluments P.M (in Rs.)	Total Emoluments P.A (in Rs.)
		From	To					
1	Safaiwala	18000	56900	18	37450	3371	734778	8817336
TOTAL				18				8817336

g) **Calculation of Annual payment for 14 contract staff after out sourcing cleaning activities at TEL station.**

Sl. No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	14	373X365X14= 1906030/-	1906030X18.35 / 100=349757	1906030+ 349757= 2255787
Annual Payment for contract staff						2255787

h) Total Amount Saving after out sourcing the cleaning activity at TEL station =Annual payment for 18 departmental safaiwalas - Annual payment for 14 contract staff for one year. i.e. 8817336 - 2255787 = Rs. 6561549/-. Thereby work study team calculated annual saving after out sourcing the cleaning activity at TEL station is **6561549/-**.

3.7.8 Eluru Station:

a) EE Railway station is classified as a “NSG-3” Category station.

b) The sanctioned strength of Medical safaiwalas at EE Station is follows:

Category	Sanctioned Strength	Actual	No. of Vac./Excess
Safaiwalas	7	7	0

c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2/3 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all sanitary eminities with	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when required	2

			<p>detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	during inspections	
2	<p>Cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(FOB), all stair cases, one sub way, VIP lounge, General waiting halls, gents /ladies</p>	<p>Sweeping, cleaning and washing</p>	<p>Manual cleaning of columns with dadoos and sitting arrangements and vacuum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk being sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)				
Zone-2					
1	Track no 1,2&3 track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	2
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile	1

				trolley to nominated dumping yard	
Zone 3					
1	Rag picking from plat forms end to Home Signals and Yard	Collection of rag from Plat forms end to home Signals and Yard cleaning, Frequency: Rag picking to be done two times for shift of 8 hrs – 17 hrs	Thorough collection of rag from platform ends to Home Signals and Yard and to be transported and disposed of nominated dust bins.	The activity of rag picking involves , picking individual pieces of rag thrown all over the places and cannot be equated to sweeping, so the yardstick is revised 60000 sft in 8 shift by one Safaiwala	2
			Safaiwalas required		9
			Supervisor		1
			Total		10

d) **Summary of Man power requirement at EE station over BZA Division:**

Thus after practical observation of working system, the requirement of Medical safaiwalas under HI/EE Station over BZA Division is summarized and furnished below:

S.No	Designation	Sanction	Actual	Requirement	Deficient on sanctions
1	safaiwalas	7	7	10	3
	Total	7	7	10	3

e) Based on the above calculations, the actual requirement of Safaiwalas at EE station works out to 10 posts over the present sanctions of 7 safaiwala posts and found 3 medical safaiwalas are less to the requirement at EE station.

f) **Calculation of Annual Salary for departmental safaiwalas (taken mean pay for calculation purpose):**

Sl No	Category	Scale		No. of posts	Mean Pay as per VII PC	DA @ 9%	Emolumen ts P.M (in Rs.)	Total Emolumen ts P.A (in Rs.)
		From	To					
1	Safaiwala	18000	56900	7	37450	3371	285747	3428964
TOTAL				7				3428964

- g) **Calculation of Annual payment for 10 contract staff after out sourcing cleaning activities at EE station.**

Sl. No	Category	Pay per day to Contract Safaiwala including VDA	No. of Contract staff	Pay per year to Contract Staff	PF and ESI@ 18.35% (13.61 EPF+ 4.74 ESI)	Total Emoluments per annum (Rs.)
1	Contract Safaiwala	373	10	373X365X10= 1361450/-	1361450X18.35/ 100=249826	1361450+ 249826= 1611276
Annual Payment for contract staff						1611276

- h) Total Amount Saving after out sourcing the cleaning activity at EE station =Annual payment for 7 departmental safaiwalas - Annual payment for 10 contract staff for one year. i.e. 3428964- 1611276 = Rs. 1817688/-. Thereby work study team calculated annual saving after out sourcing the cleaning activity at Tuni station is **1817688/-**.

3.7.9 SLO Station:

- a) SLO Railway station is classified as a “NSG-3” Category station.
b) The sanctioned strength of Medical safaiwalas at SLO Station is follows:

Category	Sanctioned Strength	Actual	No. of Vac./Excess
Safaiwalas	14	7	7

- c) Calculation of manpower requirement:

S no	Asset	Activity	Sch. of work	Remarks	Men required
Zone -1					
1	Platform 1&2/3 circulating areas, station premises , portions etc	Sweeping and Mopping + Spraying of insecticide s, cleaning , clearing and washing	Through sweeping + continuous and constant collection of refuse, washing of betel nut stains , fish water leakage stains, food and drink stains etc` Frequency: Twice daily +as and when required (for cleaning of parcel stains on both the ends of platforms as after loading in the trains and cleaning of stains from the moving trolley) Through cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. Through sweeping and continuous and constant picking up of refuse +thorough mopping + washing of spit spots +polishing the floor + thorough cleaning and washing of all	Walk behind scrubber dryer +Ride on scrubbers + jet cleaner +mini floor scrubber + one insecticidal power sprayer are deployed for cleaning Frequency: machines to be operated twice daily 6 as and when required during inspection. Spraying will be arranged once daily and as when	2

			<p>sanitary amenities with detergents and disinfectants including wall with dadoos</p> <p>Frequency: Twice daily+ as and when required during inspections.</p> <p>Allotted workers should be engaged both for machinery and manual activity</p>	required during inspections	
2	<p>cleaning of columns with dadoos, platform edges, room corners, walk edges with smooth surfaces, steps, wall skirtings, tiled area, clearing of cobwebs, seating arrangements, taps and water pedestals. On platforms and station premises, sweeping and cleaning of foot over bridges(F OB), all stair cases , one sub way, VIP launge, General waiting halls , gents</p>	<p>Sweeping , cleaning and washing</p>	<p>Manual cleaning of columns with dadoos and sitting arrangements and vacuum cleaners,</p> <p>Frequency: Machine to be operated once daily and as and when required during inspections.</p> <ul style="list-style-type: none"> • Sweeping manual, • Walk behind sweeper to be used on FOBs, staircases by manual cleaning • Allotted workers should be engaged both for machinery and manual activity 		2

	/ladies waiting hall/rooms, open waiting halls, retiring rooms, SS chamber, Booking offices, parcel offices and all service buildings etc (including all toilets and bathrooms)				
Zone-2					
1	Track no 1,2&3 track, Drain between track	Collection of garbage from tracks, thorough sweeping of tracks and cleaning of drains between tracks after departure of every train & as and when required.	Thorough sweeping and collection of refuse from tracks after departure of every train and as and when required.	To be done manually	3
2	Garbage collection	Collection of garbage from tracks and platforms and other places into mobile garbage trolley and dumping in nominated dust bin.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard.	Collection of garbage from entire platform, station premises, tracks, yard and transporting garbage/refuse, silt by battery operated mobile trolley to nominated dumping yard	1

- h) Total Amount Saving after out sourcing the cleaning activity at SLO station = Annual payment for 14 departmental safaiwalas - Annual payment for 11 contract staff for one year. i.e. 6857928- 1772404 = Rs. 5085524/-. Thereby work study team calculated annual saving after out sourcing the cleaning activity at Tuni station is **5085524/-**.

3.8 Comparison statement of man power and their wages:

Station	Class	San	No. of staff Required	Excess	Surrender Value of departmental staff per year	Wages of outsourcing staff per year	Savings on outsourcing
GDR	NSG-3	14	14	0	6857928	2255787	4602147
OGL	NSG-3	14	10	4	6857928	1611276	5246652
CLX	NSG-4	3	14	-11	1469556	2255787	-786231
TUI	NSG-4	4	10	-6	1959408	1611276	348132
BVRM/T	NSG-4/3	9	20	-11	4408668	3222552	1186116
RJY	NSG-1	27	14	13	13226004	2255787	10970217
TEL	NSG-3	18	14	4	8817336	2255787	6561549
EE	NSG-3	7	10	-3	3428964	1611276	1817688
SLO	NSG-3	14	11	3	6857928	1772404	5085524
TOTAL		110	117	-7	53883720	18851932	35031794

- 3.9** In the present scenario, due to increase in Operating Ratio, there is a financial burden on Railways. To overcome this crunch and in order to exercise control over expenditure, Railway Board identified certain categories on which the Zonal Railways may conduct work-study. The work being done by Safaiwalas is one such non-core activity, which does not require any expertise, and the services can be got at cheaper rate owing to abundance of manpower available in our country.
- 3.10** As per Rly Board commercial Circular No.107 of 2006 dated 04-01-2007 and the corrigendum dated 2014 the Zonal Railways should go for mechanized cleaning at all A,B,C,D&E category stations and delegated powers to DRMs of the divisions to grant contracts of outsourcing the cleaning activity involving large component mechanized cleaning.
- 3.11** Total annual amount saving after out sourcing the cleaning activities at above said stations = Annual payment for 110 departmental safaiwalas for one year - Annual payment for 117 contract safaiwalas for one year. Due to outsourcing of cleaning activity savings of Rs **35031794/-** can also be achieved. Hence it is recommended to outsource the cleaning activity at these stations.
- 3.12 Recommendation-I:**
It is recommended to surrender 110 posts of Medical Safaiwalas after outsourcing the cleaning activities at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO stations.

3.13 SAVE position of Safaiwala Maistries:

S No	Station	San	Act	Vac
10.	GDR	1	0	1
11.	OGL	1	0	1
12.	CLX	1	0	1
13.	TEL	2	2	0
14.	EE	1	0	1
15.	RJY	3	2	1
16.	SLO	1	0	1
17.	TUNI	1	0	1
18.	BVRM	1	0	1
	Total	12	4	8

3.14 It is observed that that there are 12 sanctioned posts of Safaiwala maistries with 4 on roll staff and 8 vacancies are existing at the above said 9 stations.

3.15 After outsourcing the cleaning activities at the above 9 stations, the posts of Safaiwala Maistry will be redundant. Hence the following recommendation is made.

3.16 Recommendation-II:

It is recommended to surrender the 12 redundant posts of Safaiwala Maistry after outsourcing the cleaning activities at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO stations.

** ** *

4.0 FINANCIAL REPERCUSSIONS:

- 4.1 When the recommendations are accepted, the recurring savings on surrender of the under mentioned posts over Vijayawada division will be as follows:

Station	Class	San	No. of staff Required	Excess/ short age	Surrender Value of departmental staff per year	Wages of outsourcing staff per year	Savings on outsourcing
GDR	NSG-3	14	14	0	6857928	2255787	4602147
OGL	NSG-3	14	10	4	6857928	1611276	5246652
CLX	NSG-4	3	14	-11	1469556	2255787	-786231
TUI	NSG-4	4	10	-6	1959408	1611276	348132
BVRM/T	NSG-4/3	9	20	-11	4408668	3222552	1186116
RJY	NSG-1	27	14	13	13226004	2255787	10970217
TEL	NSG-3	18	14	4	8817336	2255787	6561549
EE	NSG-3	7	10	-3	3428964	1611276	1817688
SLO	NSG-3	14	11	3	6857928	1772404	5085524
TOTAL		110	117	-7	53883720	18851932	35031794

Safaiwala Maistries

Sl. No.	Category	Scale		No. of posts	Mean Pay	DA @ 9%	Emoluments P.M (in Rs.)	Total Emoluments P.A (in Rs.)
		From	To					
1	Safaiwala Maistries	18000	56900	12	37450	3371	489852	5878224
				12			489852	5878224

Total Annual Savings of Medical Safaiwalas and Safaiwala Maistries = 35031794+5878224 = 40910018/-

On implementation of the recommendations annual savings of **Rs. 409.1/- lakhs** will be incurred.

*** ** *

RECOMMENDATIONS

Recommendations	Para No.
Recommendation-I : It is recommended to surrender 110 posts of Medical Safaiwalas after outsourcing the cleaning activities at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO stations.	3.12
Recommendation-II: It is recommended to surrender the 12 redundant posts of Safaiwala Maistry after outsourcing the cleaning activities at GDR, OGL, CLX, TUI, BVRM, RJY, TEL, EE & SLO stations.	3.16

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