

EASTERN RAILWAY

WORK STUDY REPORT

ON

**REVIEW OF SAFAIWALA DEPLOYED IN EMU CAR SHED
OVER HOWRAH DIVISION.**

(STUDY NO.WSER-10/18-19)

(SUBMITTED ON 26/09/18)

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BY

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II

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The study team is very much thankful to Sr.DEE/TRS/EMU/HWH and SSE/IC/HWH & SSE/IC/BDC and SSE/TRS/BWN over Howrah Division for their appropriate opinion for conducting the subject work study.

TERMS OF REFERENCE

The subject work study has been undertaken by the GM's Efficiency Cell of Eastern Railway in financial year 2018-19 under the following terms of reference:-

To review the workload and assess the requirement of safaiwala in the context of reduction of sweeping and cleaning activities in the car shed under electrical EMU wing of HWH division after introduction of contractual agency.

METHODOLOGY ADAPTED

During field study, the study team adopted the following methodology to ascertain the requirement of safaiwala deployed in different car shed and BWN stabling yard over Howrah division based on their existing workload. The following methodology is adopted:

1. Evaluate the existing workload.
2. Discussion with Controlling Officers and SSE/IC of different car sheds and SSE/TRS/BWN over HWH division.
3. Collection of data regarding the present activities catered by safaiwala in different car shed.
4. Critical analysis has been drawn based on the existing workload of safaiwala.

SUMMARY OF RECOMMENDATION

Sl. No.	Recommendation	Para ref.
1	It is recommended that the revised sanctioned strength should be zero as against a total present S/S of 21 posts of safaiwala which will result in surrender of 21 (twenty one) posts of safaiwala from the Electrical EMU wing over HWH division.	3.6.1

EXECUTIVE SUMMARY

Study Name & No.	REVIEW OF SAFAIWALA DEPLOYED IN EMU CAR SHED OVER HOWRAH DIVISION. (STUDY NO.WSER-10/18-19)
Year of conducting the study:	2018-19
Terms of reference:	To review the workload and assess the requirement of safaiwala in the context of reduction of sweeping and cleaning activities in the car shed under electrical EMU wing of HWH division after introduction of contractual agency.
Methodology:	<ol style="list-style-type: none"> 1. Evaluate the existing workload. 2. Discussion with Controlling Officers and SSE/IC of different car shed and SSE/TRS/BWN over HWH division. 3. Collection of data regarding the present activities catered by safaiwala in different car shed. 4. Critical analysis has been drawn based on the existing workload of safaiwala.
Sanctioned Strength	21`
Existing Men on Roll:	09
Proposed Requirement of Manpower	0
Vacant post:	12
Proposed Surrender:	21
Justification	
Assessment of staff of EMU car sheds under Sr.DEE/TRS/EMU/HWH over HWH division has been made due to outsourcing of cleaning and sweeping activities.	

CHAPTER-I

1.0 **INTRODUCTION:**

1.1 Earlier, EMU wing was under Electrical Engineering Department. However, at present the EMU wing is switched over to Mechanical Department under control of PCME.

1.2 Howrah division broadly comprises following sections.

- (i) HWH-BDC-BWN (Main line) section
- (ii) HWH-BWN (Chord) section
- (iii) HWH-SHE-TAK section
- (iv) Bandel-Katwa section
- (v) Naihati-Bandel section

1.3 Presently Sr.DEE (EMU)/HWH is looking after the maintenance of EMU rakes at BDC & HWH car shed and BWN yard over Howrah division.

1.4 The main object of the study is to evaluate the manpower based on present workload by means of present pattern of working and to review the activities of safaiwala deployed mainly at two car sheds (viz **Bandel, Howrah**) and **BWN yard and in addition to it, cleaning / sweeping work of three MEMU rakes at Rampurhat, Sainthia and KWAE yard** is under over all control of Sr.DEE/TRS/EMU/HWH over Howrah division. The method applied for conducting the subject study has clearly been stated in the chapter of methodology. Presently 09 nos. safaiwala as against the sanctioned strength of 21 are working in the above mentioned places under the supervision of different SSE/IC/TRS of the concern car sheds.

CHAPTER-II

2.0 EXISTING SCENARIO:

2.1 The maintenance of EMU wing over Howrah division is under the control of Sr.DEE/TRS/EMU/HWH. Safaiwala under the category of non-running staff are deployed in two car sheds at Bandel, Howrah and BWN yard.

2.2 Previously the main activities of safaiwala deployed in different car sheds were to sweep and clean the EMU rakes at the car-sheds and major outstation points during day and night period. Presently mechanised washing and dry sweeping and cleaning of EMU rakes are being done by the contractual agency.

2.2.1 Apart from the above cleaning activities of EMU rakes, other maintenance works at car shed catered by the TRS staff are as under:

- Scheduled and unscheduled maintenance of EMU Rakes at EMU car-sheds, outstation points and on line.
- Trip inspection of Electric Locomotives at the trip sheds and attention of Electric Locomotives on line during unscheduled line failures/breakdowns. Two loco trip sheds are located at Howrah.

2.3 The shed-wise holdings of EMU/MEMU rakes as on 09/08/18 over HWH division are shown as under:

FORMATION	HOWRAH	BANDEL	TOTAL
12 CAR	32+3 for POH at KPA Work shop.	24+1 for POH at KPA Work shop.	60
*3 CAR	1	---	1
**1 CAR	1	---	1
TOTAL	35 + 1+1	25	60+1+1

* 3-car rake working as ticket checking car daily on two shift basis.

** Single Motor coach as inspection car.

2.3.1 It is seen from the above table that the total holding of EMU rakes over HWH division is 60. The maintenance and dry sweeping/cleaning of 60 EMU rakes has regularly been done at BDC and HWH car shed. Besides it, daily 16 nos. EMU rakes having 12 coach per rake are daily stabled during night shift at **BWN yard** for dry sweeping/cleaning work which are carried out by outsource agency and 02 nos. of MEMU rakes of 12 coaches stable at **Rampurhat station** during night and 01 MEMU rake of 08 coaches stables during the period of night at **Sainthia station** and 04 nos.

of EMU rakes of 12 coaches are cleaned through contractual agency at **KWAE** yard under SSE/TRS/BDC. Sweeping/Cleaning work of said MEMU rakes is done at the above mentioned stations before placing the train for next day service. Apart from sweeping and cleaning work of EMU/MEMU rakes, checking of wheel tapping and issuing of fit certificate are to be made before offering the rakes for passenger service under the supervision of concern SSE/TRS/BWN.

- 2.4 The car shed wise sanctioned strength vis-a-vis men-on-roll position of Safaiwalas on 01.04.18 under Sr.DEE/EMU over Howrah division is detailed as under. The staff position as on 01.04.18 is also shown in **annexure – I**.

SL NO	Car shed	Category	Sanction Strength	on roll	Vac
1	HWH	Safaiwala	21	04	
2	BDC			03	
3	BWN			02	
Total			21	09	12

- 2.5 During the period of study, it is noticed that existing safaiwalas deployed at HWH & BDC car shed and BWN yard under SSE/TRS/BWN have no contribution towards their original duty of dry sweeping and cleaning of EMU/MEMU rakes due to introduction of contractual system of working since long. Car shed vis-a-vis section wise deployment of safaiwala and their present pattern of working are stated as under.

2.5.1 Howrah car shed:-

Presently the total holding of EMU rakes under this car shed is 32 nos. Besides it, supervisor of car shed takes care of maintenance of one ticket checking car and one inspection car. The deployment of 04 nos. of safaiwala in different sections of Howrah car shed is stated as under.

On roll strength of safaiwala	Section wise deployment	Presently posted at	Working of concern section
4	1	E- 1 Sec.	Checking and Testing electrical items of EMU rake.
	1	E- 5 Sec.	Maintenance of light, fan, & battery charger of EMU rake.
	1	General Sec.	Monitoring of fire equipments and to look after the contractual cleaning work of EMU rakes.
	1	M- 5 Sec.	All Pneumatic maintenance of EMU coach.

2.5.2 Bandel car shed:-

This car shed is situated near Bandel station and started functioning after 1990. With the increasing demand of a Car shed at Howrah Bandel Section of E. Rly, this Car-shed was built with a view to look after the EMU rakes plying in Bandel – Katwa section and Bandel- BWN main line section of Howrah division thus reducing the inconveniences faced by overburdened Howrah Car-shed.

Total on roll strength of safaiwala	Section wise deployment	Presently posted at	Working of concern section
3	3	General Sec.	Monitoring of fire equipments and to look after the contractual cleaning work of EMU rakes.

2.5.3 BWN stabling yard:-

There is no such car shed for maintenance of EMU/MEMU rakes under SSE/TRS/BWN. Dry sweeping/cleaning works of stabled EMU rakes at BWN yard are undertaken by a private agency during night period under the supervision of SSE/TRS/BWN. The details working of safaiwalas are stated as under.

Total on roll strength of safaiwala	Section wise deployment	Working of safaiwala
2	2	1) Draining out of moisture from main reservoir of EMU rakes. 2) Collection of materials from HWH car shed. 3) Shift wise deployment of staff at the time of break down work. 4) Checking of wheel tapping of EMU/MEMU rakes.

2.6 Previously the dry sweeping & cleaning works of EMU/MEMU rakes in 2 car sheds viz HWH, BDC and BWN Stabling yard were done by departmental safaiwala by using Brooms coconut & Brush rubber squeezer with handle. It is also observed by the study team that dry sweeping & cleaning of EMU rakes as well as shed cleaning of 2 car sheds are fully outsourced to private agencies. The details of the above mentioned contractual works executed by EMU wing of Electrical Department are stated as under:

2.6.1 **Name of work:** Inside dry cleaning of EMU rakes stable at BWN stabling yard for 03 years.

BWN Stabling yard				
Company name	Sub / Schedule of work	Quantity	Rate (per coach per month) in Rs.	Total for 3 years in Rs. (Quantity x Rate x 36 month)
M/S.Naru Gopal Das, Vill:Azimgang LOCO, PO: Azimgang, District: Murshidabad	Daily inside dry cleaning of EMU coaches inclusive of all required material & labour charges etc. including the following: a) Dry sweeping of coach floor. b) Cleaning of seat with dry cloth or duster. c) Cleaning of windows with Dry cloth or duster. d) Poster removing from the body of EMU coach wall from inside & outside. e) Removal of cobweb and cleaning of ceiling. f) Spraying of phenol in vendor coaches per day as per requirement. g) Removal & cleaning of night soil within the coaches as per requirement and spraying of bleaching power. h) Cleaning of ceiling fans, tube light fittings & net guard inside the EMU coaches. i) Cleaning of look out glass. j) Removal of garbage: Which are generated from cleaning of EMU rakes are to be removal from yard and disposed off all garbage in regular interval (The garbage are not to be kept on the yard).	216 Coaches	Rs. 717.00 (Rupees seven hundred seventeen only)	Rs. 55,75,392.00
	TOTAL IN Rs.	-----	-----	Rs. 55,75,392.00

	TOTAL Amount in Words: Rupees Fifty Five Lakh Seventy Five Thousand Three Hundred Ninety Two Only.
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2.6.2 Name of work: Daily cleaning of all toilets available in each MEMU rake and watering at RAMPURHUT & HWH station for 182 days.

Company name	Sub / Schedule of work	Quantity	Railway approved rate in Rs.	L-1 offer in % (percentage) above or below or at per in figure.
(1) Burdwaneswar co-operative labour contract construction society Ltd. Meloneedecorators, Kalna road. P.O. & Distt.: Burdwan	1) Daily cleaning of all toilet available in each MEMU rake and watering at Rampurhut & HWH station.	910 Jobs	Rs. .214.00 (Rupees two hundred fourteen only)	Rs.214.00 (Rupees two hundred fourteen only)
	Details of JOB: One job consist of cleaning of all toilets available in each MEMU rake including inside & outside basin, lavatory, floor, & wall. Cleaning to be done by extensive washing and applying disinfectants. Watering to be done for each toilet in case night soil is available in the rake that to be washed & apply disinfectants as per annexure – A of the quotation.		Railway approved rate in Rs.	L-1 offer in % (percentage) above or below or at per in figure.
	Quantity: 05 MEMU rakes daily (04 nos. for RPH & 01 no. for HWH) x 182 days (Six months) = 910 jobs		1,94,740.00 (910 x 214) (Rupees one lakh ninety four thousand seven hundred forty only)	1,94,740.00 (910 x 214) (Rupees one lakh ninety four thousand seven hundred forty only)

	2. Basic cost of the complete work :	Rs. 1,59,686.80
	3. GST @ 18% as per extant rules on Rs. 1,94,740.00	35,053.20
Grand total value of the work: (Rupees one lakh ninety four thousand seven hundred forty only)		Rs.1,94,740.00

2.6.3 Name & Description of work: Inside dry cleaning & outside wet cleaning of EMU Rakes stable at carshed Howrah throughout the day (24 hrs.) for 3 (three) Years.

HWH Carshed				
Company name	Sub / Schedule of work	Quantity	Rate (per coach per month) in Rs.	Total for 3 years in Rs. (quantity x Rate x 36 months)
M/s- Tirupati Traders, Nirmalanchal, Dal mill campus, Budh bihar colony, PO: Mirjanhat, Distt: Bhagalpur (BIHAR) Pin: 812005.	A) Daily inside dry cleaning EMU coaches inclusive of all required material and labour charges etc. (including (a) Dry sweeping of floor of coach, (b) cleaning of seat with dry cloth or duster, (c) cleaning of windows with dry cloth or duster, (d) poster removing from the body of EMU coach wall from inside & outside, (e) removal of cobweb and cleaning ceiling (f) spraying of phenol in vendor coaches per day as per requirement (g) removal of and cleaning of night soil within the coached as per requirement and spraying of bleaching power (h) and cleaning of ceiling fans, tube light fittings and net guard inside the EMU coaches by compressed air (i) cleaning of look out glass.	300 coaches	Rs. 562.50 (Rate should not be treated as LAR in future cases)	Rs.60,75,000.00
	B) Daily outside wet cleaning of EMU coaches inclusive of all required material and labour charges etc (including radiator cleaning by water jet at the time of washing)..	24 Coaches	Rs.953.00 (Rate should not be treated as LAR in future cases)	Rs.8,23,392.00
	TOTAL IN Rs.	-----	-----	Rs. 68,98,392.00
Total Amount in wards: Rupees sixty eight lakh ninety eight thousand three hundred ninety two only.				

2.6.4 Name & Description of work: Daily cleaning of EMU/Car shed/Howrah for 03 (three) years

HWH Carshed						
PART : A (for regular work to be paid on monthly basis.)						
Company name	Description	Frequency	Quantity	Unit	Cost per month in Rs.	Total amount for 3 years in Rs. (cost per month x 36)

M/s. Nirab Mondal. Vill. & Post: Gopalmath, Mohanpur, Durgapur: 713203	(1) Floor cleaning by dry sweeping on the selective area of car shed, HWH as per the scope of work and collect the waste and dump at nominated VAT.	Daily	23382	M ²	Rs.10,000/- (Ten thousand)	Rs. 3,60,000/-
	(2) Floor cleaning by manual / mechanised scrubbing on the selective area of car shed, HWH as per the scope of work and collect the waste and dump at nominated VAT.	Weekly (4 times per month)	16765	M ²	Rs.8,000/- (Eight thousand)	Rs.2,88,000/-
	3) Floor cleaning & dry sweeping, followed by moping on the selective area of car shed, HWH as per the scope of work and collect the waste and dump at nominated VAT.	Daily	1649	M ²	Rs.8,900/- (Eight thousand nine hundred)	Rs.3,20,400/-
	4) Washing of canteen floor (including kitchen, dining hall, store and counter and entrance passage) as per the scope of work by applying detergent / suitable cleaning agent. Collect the waste and dump at nominated VAT.	Daily	239	M ²	Rs.7,000/- (Seven thousand)	Rs.2,52,000/-
	5) Washing of toilet (total 14 nos.) including baths, urinals and privies, wash basin, passage of the toilets and drinking water booths including drinking water cooler located at different places of service building, store, administrative building located in the carshed, Howrah. To be washed with phenol, bleaching power and provision of of deodorant, disinfectant, naphthalene balls etc. work to be done as per scope of work.	Twice daily	118	M ²	Rs.11,100/- (eleven thousand one hundred)	Rs.3,99,600/-
	6) Cleaning of surface drains by removing plastic/ floating articles etc and de-slitting including collection of waste / mud etc. and dump at nominated VAT. Work to be done as per scope of work.	Daily	1615	Runni ng meter	6000/- (Six thousand)	Rs.2,16,000/-
	7) Rag picking with grass / bush / jungle removing from the yard area of car shed, HWH up to shunting neck as per the scope of work and collect the waste and dump at nominated VAT. Work to be done as per scope of work	Weekly (4 times per month)	4425	M ²	Rs.6000/- (Six thousand)	Rs. 2,16,000/-
	8) Collection of wheel turning and boring scrap from pit type wheel lathe of HWH car shed and accumulated the same at nominated place near pit wheel lathe. Work to be done as per scope of work	Daily (as per arising)	1500	Kg per month	Rs.8000/- (Eight thousand)	Rs.2,88,000/-
	9) Disposal of garbage accumulated at the VAT of car shed, HWH (from above cleaning activates) to outside municipal dumping site. This includes	-----	860	Cu.ft per month	Rs.9000/-	Rs.3,24,000/-

	provision of lorry and labour for making each trip for transportation of garbage ; loading of the garbage and unloading the garbage at municipal dumping site on actual accumulation basis (removal to be done weekly). Work to be done as per scope of work					
Total for ' Part: A' (sl.No. 01 to 09)						Rs.26,64,000/-
PART: B (Periodical works be paid on actual done basis.)						
	Description	Frequen cy	Quanti ty	Unit	Rate per M.Ton in Rs.	Total amount for 36 months
	10) Loading of Railway loose scrap on lorry from various sections of car shed floor and subsequent unloading the same at various Railway scrap depot of HWH / SDAH division. Work to be done as per scope of work	As per require ment	08	M.T per month	Rs.1,100/- (One thousand one hundred)	Rs.3,16,800/-
	Description	Frequ ency	Qua ntity	Unit	Rate perJob in Rs.	Total amount in Rs. (quantity x rate)
	11) Cleaning sump well of pump house no.1, 2 and 3 by removing floating garbage and di-silting including collection of waste / mud etc. and dump at nominated VAT. Cleaning to be done once in 3 months. Work to be done as per scope of work Work to be done as per scope of work .	-----	36	Jobs. (i.e. 3 nos. well 4 times per year x 3 years)	Rs.3,600/- (Three thousand six hundred)	Rs. 1,29,600/-
	12) Cleaning and de-silting of underground septic tank and removal and disposal of silt (average volume of each septic tank is 85 cub.ft.). Cleaning to be done once in 18 months. Work to be done as per scope of work.	-----	06 (i.e. 3	Jobs.	Rs.6,500/- (Six thousand five hundred)	Rs.39,000/-
	Total for ' Part: B' (sl.No. 10 to 12)					Rs. 4,85,400/-
	GRAND TOTAL : (A + B):					Rs. 31,49,400/-
Grand Total Amount in Words: Rupees Thirty one Lakh Forty Nine Thousand Four Hundred Only.						

2.6.5 Name & Description of work: Inside dry cleaning & outside wet cleaning of EMU Rakes stable at carshed Bandel throughout the day (24 hrs.) for 3 (three) Years.

Bandel Car shed				
Company name	Sub / Schedule of work	Quantity	Rate (per coach per month) in Rs.	Total for 3 years in Rs. (quantity x Rate x 36 months)

M/s- R.S.RAUT, 12/1 M. C. GHOSH LANE, HOWRAH: 711101	A) Daily inside dry cleaning EMU coaches inclusive of all required material and labour charges etc. (including (a) Dry sweeping of floor of coach, (b) cleaning of seat with dry cloth or duster, (c) cleaning of windows with dry cloth or duster, (d) poster removing from the body of EMU coach wall from inside & outside, (e) removal of cobweb and cleaning ceiling (f) spraying of phenol in vendor coaches per day as per requirement (g) removal of and cleaning of night soil within the coached as per requirement and spraying of bleaching power (h) and cleaning of ceiling fans, tube light fittings and net guard inside the EMU coaches by compressed air (i) cleaning of look out glass.	180 coaches	Rs. 792.00 (Rupees seven hundred ninety two only)	Rs.51,32,160.00 (Rupees fifty one lakh thirty two thousand one hundred sixty only)
	B) Daily outside wet cleaning of EMU coaches inclusive of all required material and labour charges etc (including radiator cleaning by water jet at the time of washing)..	24 Coaches	Rs.800.00 (Rupees eight hundred only)	Rs.6,91,200.00 (Rupees six lakh ninety one thousand two hundred only)
	TOTAL IN Rs.	-----	-----	Rs. 58,23,360.00
Total Amount in wards: Rupees fifty eight lakh twenty three thousand three hundred sixty only.				

2.6.6 Description of work: EMU Rakes cleaning (Inside) at KWAE for 03 (three) Years i.e. 1095 days for 48 nos. of coaches.

KWAE YARD					
Company name	Sub / Schedule of work	Quantity	Unit	Rate in Rs.	Total for 3 years in Rs. (quantity x Rate x 36 months)
M/s- Das Engineering Works, N 226/A Fatepur 2 nd Lane , Garden reach, Kolkata: 700024.	A) Daily EMU rake cleaning (inside) at KWAE for 03 (Three) years i.e 1095 days for 48 nos. of coaches as per scope of work vin chapter-III	48 coaches (04 rakes) for 1095 days	Per coach per day	Rs.41.76 below 17.0166% = Rs. 34.653867 (Rate shall not be treated as LAR in future cases)	Rs.18,21,407.00 (Rupees eighteen lakh twenty one thousand four hundred seven only) (Rate shall not be treated as LAR in future)

	B) MATERIALS	As per Annexure: I	As per Annexure: I	As per Annexure: I	Rs.3,03,222.00 Below 17.0166% = Rs. 2,51,624.00 less VAT @ 5% = Rs. 2,39,642.00 (Rate shall not be treated as LAR in future)
	TOTAL IN Rs.	-----		----- -----	Rs.20,61,049.00 (Rate shall not be treated as LAR in future cases)
	Total Amount in wards: Rupees Twenty lakh sixty one thousand forty nine only.				

- 2.7 The car-shed and yard wise summarised position of total cost incurred against dry cleaning and wet cleaning of EMU/MEMU coaches as well as car shed cleaning work during the period of 3 years at BWN stabling yard, HWH & BDC car shed except 6 months for daily cleaning of toilets in MEMU rakes at RPH & HWH station is shown asunder.

Contract of Work	BWN stabling yard + RPH & HWH Stn.	HWH Car shed	BDC + KWAE yard
Dry cleaning and outside wet cleaning of EMU/MEMU coaches & daily cleaning of toilets & water filling of MEMU coaches.	Rs.57,70,132.00	Rs.68,98,392.00	Rs.78,84,409.00
Shed cleaning i.e. cleaning of office building and car shed with covered and uncovered area.	-----	Rs.31,49,400.00	New contract is under process as the date of old one has been expired.
	Rs.57,70,132.00	Rs.1,0047,792.00	Rs.78,84,409.00

CHAPTER – III

3.0 Critical Analysis

- 3.1 As the objective of conducting the subject study is to review the work load of Safaiwala working under two car shed viz Howrah, Bandel and BWN stabling yard and KWAE yard of Electrical EMU department over HWH division, it is firstly observed by the study team that these staff (i.e. Safaiwala) are deployed in different maintenance sections connected to the daily outturn of car shed after introduction of contractual system of dry sweeping / cleaning and outside wet cleaning of EMU/MEMU coaches since long. The study team has critically analyzed the present workload and effective involvement of Safaiwala in different maintenance sections under two car shed and BWN stabling yard after introduction of contractual system of working.

In the past days, safaiwalas were deployed to sweep and clean the EMU rakes at the car-sheds, BWN & KWAE stabling yard and major outstation points during day and night period. This system was phased out completely due to outsourcing as stated in para 2.6.

- 3.2 Previous and present nature of working of safaiwala in different car sheds and shed-wise holding of rakes as well as cleaning activities of EMU/MEMU rakes at BWN stabling yard during the year of 2018 are tabulated as under.

EMU Car shed / Yard	Total holding of EMU/MEMU rakes under HWH & BDC car shed as on 09.08.2018	Previous Working of depts. safaiwala	Presently existing safaiwala deployed in different maintenance section for shed outturn	Working of different maintenance section where safaiwala deployed presently.
HWH Car shed	32+1+1	Dry sweeping & cleaning of EMU/MEMU rakes at car shed & out station points.	1) Checking and Testing electrical items of EMU rake. 2) Maintenance of light, fan, & battery charger of EMU rake. 3) Monitoring of fire equipments and to look after the contractual cleaning work of EMU rakes. 4) All Pneumatic maintenance of EMU coach	As stated in para.2.5.1
Bandel Car shed + KWAE yard for cleaning of EMU rakes	24	-DO-	1) Monitoring of fire equipments and to look after the contractual cleaning work of EMU rakes.	As stated in para.2.5.2
BWN stabling yard & RPH stabling point for shift-wise cleaning of EMU/MEMU Rakes.	19	a) Cleaning of 16 rakes at night shift. b) Cleaning of 2 rakes at day shift. c) Cleaning of 01 rake at evening shift.	1) Draining out of moisture from main reservoir of EMU rakes. 2) Collection of materials from HWH car shed. 3) Shift wise involvement of safaiwala at the time of break down work. 4) Checking of wheel tapping of EMU/MEMU rakes.	As stated in para.2.5.3

- 3.2.1 The above position reveals that the existing safaiwala are presently deployed in different maintenance sections at HWH, BDC car sheds and BWN stabling yard to cater the maintenance works stated in different paras which has no relation with the activities of safaiwala. The dry sweeping and cleaning activities of rakes previously catered by the departmental safaiwala, are now given to the contractual agency. It is also noticed during study that the activities of dry sweeping / cleaning & outside wet cleaning of EMU/MEMU rakes, cleaning of toilets & watering of MEMU rakes at KWAE yard and RPH stabling point, are undertaken by contractual agency under the supervision of SSE/TRS/BDC & SSE/TRS/BWN.
- 3.3 It is noticed during pilot study that 09 posts of safaiwala under EMU car shed of HWH division are still working even after introduction of contractual system. Keeping this position in view, the subject study has been undertaken during the financial year of 2018-2019.
- 3.4 The activities of dry cleaning & outside wet cleaning of EMU rakes at HWH, BDC car shed & BWN stabling yard and cleaning of toilets & watering of EMU/MEMU rakes at KWAE yard and RPH stabling point of HWH division had already been privatised on contractual since long, for which the post of safaiwala has lost its necessity or utility.
- 3.5 On scrutiny, the total cost incurred against contractual work has been assessed which is shown as under.
- Dry sweeping /cleaning & outside wet cleaning of EMU/MEMU coaches (as shown in para 2.7).
 - Shed cleaning work (as shown in para 2.7).
- It is crystal clear that the existing posts of safaiwala are being utilised in other field of work. Therefore, in the current scenario of '**zero workload condition of safaiwala**', the posts of respective safaiwalas may be declared as surplus from Electrical EMU wing of HWH division and redeployed somewhere else accordingly.
- 3.6 Consequent upon the abolishment of such activities of safaiwala from HWH & BDC car sheds and BWN stabling yard under Electrical EMU wing of HWH division, it is opined by the study team that the revised sanctioned strength should be zero as against the existing sanctioned strength of 21 posts. Therefore, 21 post of safaiwala, as shown in Para 2.4, should be declared as surplus from the existing sanctioned strength as per 'Book of Sanction'.

An assessment, in this regard, is tabulated below:

Sl. No.	Designation	Car shed / Yard	Existing S/S	Existing MOR	Vacancy	Revised S/S or Revised requirement	Proposed surrender
1.	Safaiwala	HWH	21	04	12	0	21
2.	Safaiwala	BDC		03		0	
3.	Safaiwala	BWN Stabling yard		02		0	
	Total		21	09	12	0	21

The above table reveals that the actual requirement of safaiwala in the above two car sheds and BWN stabling yard is found to be nil as against a total sanctioned strength of 21 posts of safaiwala of two car shed and BWN stabling yard under Electrical EMU wing over HWH division which would result in surrender of all the 21(twenty one) posts of safaiwala from this Electrical EMU wing which is presently governed by PCME.

3.6.1 Recommendation

It is recommended that the revised sanctioned strength should be zero as against a total S/S of 21 posts of safaiwala which will result in surrender of 21 (twenty one) posts of safaiwala from the Electrical EMU wing over HWH division.

CHAPTER-IV

4.0.0. FINANCIAL APPRAISAL:

4.1.0. As per recommendation made in Para 3.6.1, the total surplus posts works out to 21 posts.

4.2.0. As per recommendation made in Para -3.6.1, annual financial savings to be achieved on account of surrender of 21 posts of safaiwala under Electrical EMU wing in Howrah division is calculated on the basis of lowest pay band and Grade pay as under.

Category	No. of posts	Scale of Pay	Mean pay	DA @ 9%	Monthly	Yearly
		Figures in Rs.				
Safaiwala	21	18000-56900	37450	3371	40821	1,02,86,892/-

Thus, the annual financial savings works out to **Rs. 1, 02, 86,892/-(approx.)**