

ÀÄÄÄÜ **ACKNOWLEDGEMENT**

The work-study team is thankful to the Sr. DME/Co-ord/SC, Sr.CDO/SC, officers & staff of Coaching Depots Hyderabad & SC of SC Division for extending their valuable cooperation and guidance during the course of study.

** ** *

ÀÄÄÜÄ **METHODOLOGY**

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

1. Collection of the details of workload particulars.
2. Interaction with all the Staff and Officers in Hyderabad Coaching Depot.
3. Observation of the pattern of working.
4. Critical examination of the existing system of working and
5. Assessment of manpower requirement for existing workload.

** ** *

పిన్డొ÷®డొ SYNOPSIS

SUBJECT: Review of staff strength of Coaching Depots at HYB & SC over SC Division.

AUTHORITY: Annual programme of work studies 2018-19.

STUDY No: WSSCR-42/2018-19.

REFERENCE File No: G.276/2/WSSCR-42/2018-19.

AREA OF ACTIVITY: Coaching depots at Hyderabad & SC over SC division.

- Hyderabad C&W Depot is a Terminal depot in the Twin Cities of Hyderabad and Secunderabad with trains originating to important locations and is situated in the heart of the city.
- Primary Maintenance, Secondary Maintenance and Turn Round Maintenance of Super Fast Trains, Express trains and Passenger trains are being done at Hyderabad and Secunderabad Depots.
- In addition to these trains, special trains are also being run regularly.
- Consolidated SAVE position of HYB/SC coaching depots as

Depot	San	Act	Vac
Hyderabad	0	0	0
Secunderabad	0	0	0
Total	0	0	0

- Coach holding of HYB/SC depots:

Depot	No.of rakes	Non-AC	AC	Total
Hyderabad	34	502.8	127.6	630
Secunderabad	37	690.08	307.4	997
Grand Total	0	0	0	0

- **Khalasi Helper:** The prime duty of khalasi helper is to assist the technicians in Primary/Secondary/Turn round maintenance. But most of the activities in coaching depots are outsourced like cleaning of curtains, machinated cleaning of linen, laundry, packing/loading /un loading / distribution of bed roll sets, housekeeping, AMC for bio toilets, turn round attention of passenger and express trains at Secunderabad, buffing of stainless steel items in coaches, pest control. Hence the work load of khalasi helpers is drastically reduced. There are total of 1627 coaches in SC and HYB depots and sanctioned posts of khalasi helpers are 398. It is observed that 4 khalasi helpers are required for 20 coaches rake (i.e one khalasi helper for 5 coaches). Total requirement of khalsi
- Assessment of Requirement of khalasi helpers on Practical Observation:

Total No. of Coaches	630+997 = 1627
Total Khalasi Helpers	398
Requirement of khalasi helper	0.20 per coach
Staff required	1627x0.20=325.4 Say 326
Leave reserve 12.5%	40.75 say 41
Total requirement	326+41= 367
Staff excess on sanctions	398-367 =31

- **Recommendation:** It is recommended to surrender 31 vacant posts of khalasi helpers in Mechanical (C&W coaching depots) department of Secunderabad Division which are excess to the requirement.

*** **

1.0 INTRODUCTION

1. Secunderabad Division is one of the important Divisions of South
6 Central Railway. Major works being carried out at C&W HYB and C&W SC Depots. They are primary maintenance, Secondary maintenance terminal attention, attending sick coaches and platform duties, which can be termed as core activities. In addition to that, the non-core activities like cleaning of coaches are also done. As per the instructions of Railway Board, cleaning of coaches, platforms etc. are to be gradually outsourced. As of now certain activities like garbage disposal, disinfecting of coaches, buffing of steel components in coaches, cleaning of Pit lines, Washing of Soiled Curtains, Supply and installation of VHF Controlled microprocessor based LED destination boards display system and maintenance, Mechanized cleaning of coaches, Exterior painting of shabby/faded coaches etc., have been outsourced. Keeping the above facts in the view, the Review of staff strength of C&W depots of SC Division was taken up.

2.0 ãðÃðáÚððĐð çðü±ð;ĐððÃÚð"î Áðûμðð / EXISTING SCENARIO:

- 2.1 The Supervisors and Staff of Coaching Depots at Secunderabad and Hyderabad are under the control of CDO/SC & CDO/HYB and the administrative control of Sr.CDO/SC.
- 2.2 The central activity is the maintenance of coaching stock. Their key duties comprise of mechanical work i.e., Rake maintenance, Intermediate Overhauling, Saloon maintenance, maintenance of Pit lathe, Sick line, Receiving & Dispatching (R & D) of trains on platforms, On Board Housekeeping Service (OBHS), Lenin management, Turn-round maintenance, etc

2.3 Various activities at Coaching depots are as follows:

Primary maintenance	<u>Technical Staff (Gr. C)</u> 1. Pit line examination & repair. 2. Sides examination & repair. 3. Air Break testing & repair. 4. Dashpot cleaning. 5. Ensuring CBC parts & tightness of yoke pin & yoke supporting plate bolts with torque wrench. <u>Gr. D staff:</u> 1. Trolley cleaning. 2. Tool bag and material handling. 3. Greasing of CBC components.
Secondary Maintenance	<u>Technical Staff (Gr-C)</u> 1. Pit line examination & repair 2. Sides examination & repair 3. Air break testing & repair 4. Buffer & Screw Coupling Oiling 5. Trolley cleaning 6. Tool bag and material handling. 7. Extra/Stock coaches maintenance. <u>Group-D Staff</u> 1. Interior cleaning. 2. Exterior Washing. 3. Watering. 4. Attending Carpentry repairs. 5. Attending Pipe fitting repairs.
Miscellaneous works	<u>Technical Staff (Gr. C)</u> 1. Conducting Rolling in & Rolling Out examination. 2. Conducting box feeling with non-contract thermometer & recording. 3. Attending Engine on Train (EOT) & dispatch. 4. Attending public complaints. 5. Closing shutters & doors on arrival of train. 6. Padlocking of coaches after completion of maintenance and opening pad locks on platform. 7. Collecting of BPC form incoming trains. 8. Issuing of BPC for outgoing trains. 9. Recording of buffer heights of both SLRs. <u>Group D staff:</u> 1. Interior cleaning and watering of trains.
R & D	<u>Technical Staff (Gr. C)</u> 1. Conducting Rolling In & Rolling Out examination.

	2. Conducting box feeling with non-contract thermometer & recording. 3. Attending Engine on Train (EOT) & dispatch. 4. Attending public complaints. 5. Closing shutters & doors on arrival of train. 6. Padlocking of coaches after completion of maintenance and opening pad locks on platform. 7. Collecting of BPC form in coming trains. 8. Issuing of BPC for outgoing trains. 9. Recording of buffer heights of both SLRs. Group D staff: 1. Interior cleaning and watering of platform turn-round trains.
Stores & Material Handling (Including Store & Sub-store staff)	1. Local purchase. 2. Procurement of materials from other Depots /Workshops. 3. Material & Wheels transportation. 4. Bogie (Unit exchange) transportation. 5. Material handling. 6. Material issuing. 7. Scrap disposal to scrap depot. 8. Repairs & maintenance of minor cap lamps. 9. Indenting & Procurement of M&P, T&P and general items. 10. Preparation of cleaning kits. 11. Issuing & collection of cleaning kits round the clock. 12. Issuing material for night maintaining trains. 13. Monitoring must available items. 14. Round the clock Rake maintenance position repeating to C&W Control/SC.
IOH	Technical Staff (Gr. C) 1. Attending IOH schedule by unit exchange at an average of 1.5 coach/day. 2. Loading /Unloading of unit exchange bogies. 3. Checking of quality of unit exchange bogies. 4. Lifting of coach using synchronized jacks and bogies run out. 5. Taking reading like Wheel dia, Buffer heights, Crown clearances, Bolster clearances, application of CBC gauges etc. 6. Fitting of safety loops, vertical shock absorbers etc. 7. Air Break testing with SCTR. 8. CDT system testing and attending repairs. 9. Tool Room attenders. 10. Record maintenance. <u>Ancillary Staff (Gr. C)</u> 1. Carpentry & Pipe fitting works of IOH coaches. 15. Interior & Exterior paint touchup. 16.
Sick line	<u>Technical staff (Gr.C)</u> Lifting of coaches for 1. Wheel changing. 2. Spring changing. 3. Alternator replacement. 4. V-belt renewals. 5. Alternator pin & bushes replacements.

	6. Heavy under gear/bogie repairs. 7. Miscellaneous works like modifications & trail runs. 8. Checking & testing of newly built & Off-POH coaches. <u>Ancillary staff (Gr.C)</u> 1. Heavy Carpentry repairs. 2. Interior & Exterior paint touchup. 3. Berth & rexine repairs. 4. Pipe fitting & plumbing repairs. 5. Welding works on bogie as well as in coach. 6. Air Compressor attenders. <u>Group 'D' staff</u> 1. Lifting of coaches using motorized & manual jacks. 2. Fork lifter drivers. Mobile crane drivers.
Computer & Statistical work.	1. Maintaining Management of Information Systems. 2. Maintaining History cards. 3. Daily yard position work. 4. Train section record maintenance. 5. Personal section record maintenance. 6. Assisting of office work. 7. Sending POH coaches to workshops. 8. Feed back of Off POH coaches. 9. PCDO work & Broucher updating. Miscellaneous works.
Mechanized cleaning of coaches	1. Physical verification of cleaning chemicals stock available with contractor. 2. Physical verification of implements & machinery available with contractor. 3. Verification of Rodent control methods. 4. Checking of cleaning quality in coaches. 5. Collecting of Score Cards, Bill preparation, imposing of penalties. etc.
On Board House Keeping System (OBHS) LED & GPS destination boards.	1. Physical verification of cleaning chemicals available with OBHS staff. 2. Physical verification of implements available with OBHS staff. 3. Verification of manpower for each train. 4. Collecting of passenger feed back from, Bill preparation, imposing of penalties. etc. 5. Programming of LED/GPS destination boards. 6. Fitting/Removing of LED & GPS boards from OFF POH/POH coaches. 7. Ensuring proper working of LED/GPS destination boards. 8. Installation of new LED/GPS destination boards. 9. On board inspection.
Special Works and M&P	1. Maintenance of M&P. 2. M&P schedules attending. 3. Providing shims on CBC rakes. 4. Ensuring CBC parts & tightness of yoke pin, yoke supporting plate and supporting device bolts with torque wrench. 5. Attending repairs to CDT System on train. 6. Maintaining water hydrants on pit lines. 7. Modification works.

	10. Other special works
Bed Rolls	<p>This activity was transferred from Commercial Dept. to C&W Dept. from 01.06.2010. Hence it is required to spare some C&W staff for takeover these activities from commercial department.</p> <ol style="list-style-type: none"> 1. To assist shift in- charge. 2. To shift bedroll Lenin from sick coaches to bed roll section. 3. To count & seal cupboards on arrival 4. To make bundles of condemned stock. 5. To assist shift in-charge in movement of Lenin from bedroll section to coaches.
Schedules & Disinfestations	<ol style="list-style-type: none"> 1. Attending 'A' Schedules for 22 rakes per month like Dash pot oiling. side bearing oiling. ACP testing, Dirt collector cleaning, Paint touchups Water tank flushing etc. 2. Monitoring of Disinfestations of AC & Non AC coaches contract work. 3. Monitoring of Disinfestations AC & Pantry coaches once in a week and Non AC coaches twice in a month (79 AC coaches+351 Non AC +12 WCB)
Coaching Batch	<ol style="list-style-type: none"> 1. Round the clock attention of minor repairs on train itself without detaching the coach like broken springs changing attending slack BSS hangers. Attending broken dash pot protection covers, defective break cylinders changing, broken equalizing stays changing, defective DVs changing, bent CBC operating handles changing, etc., on train itself. 2. In addition to this checks & repairs the coaches which are nominated for train service before attaching. 3. Lifting of coaches for V-belts changing. 4. Assisting in carpentry and pipe fitting work for rake maintenance.
Turn Round	Interior dry cleaning, toilet cleaning, watering of coaches is done for trains which returns from the platform.
Rolling in & Rolling Out	This activity is carried out for all Primary, Secondary and Turn Round trains.

2.4 Hyderabad depot:

2.4.1 Scale Check of C&W /Hyd depot as on 01.12.2018:

S No	Desg	Scale	Grade pay	San	Act	Vac
1.	SSE	9300-34800	4600	24	21	3
2.	JE	9300-34800	4200	15	8	7
3.	Sr.Tech	9300-34800	4200	64	68	-4
4.	Tech-I	5200-20200	2800	122	91	31
5.	Tech -II	5200-20200	2400	18	61	-43
6.	Tech -III	5200-20200	1900	34	19	15
7.	Helper	5200-20200	1800	156	144	12
8.	MCM Welder	9300-34800	4200	4	1	3
9.	Welder HS-I	5200-20200	2800	2	4	-2
10.	Welder HS-III	5200-20200	1900	0	1	-1
11.	MCM Carpenter	9300-34800	4200	4	6	-2
12.	Carpenter HS-I	5200-20200	2800	11	8	3
13.	Carpenter HS-III	5200-20200	1900	0	1	-1
14.	MCM B/smith	9300-34800	4200	1	0	1

15.	B/smith HS-I	5200-20200	2400	0	1	-1
16.	ACPA -I	5200-20200	2400	0	2	-2
17.	JT Driver-II	5200-20200	2400	0	1	-1
18.	JT Driver-III	5200-20200	1900	0	1	-1
19.	MCM Painter	9300-34800	4200	1	4	-3
20.	Painter HS-I	5200-20200	2800	6	2	4
21.	Macinist HS-3	5200-20200	1900	0	1	-1
22.	MCM Trimmer	9300-34800	4200	1	2	-1
23.	Trimmer HS-I	5200-20200	2800	3	2	1
24.	MCM Lorry driver	9300-34800	4200	1	0	1
25.	MCM Lorry driver HS-I	5200-20200	2800	1	0	1
26.	MCM Lorry driver HS-III	5200-20200	1900	0	1	-1
27.	Sr.Safaiwala	5200-20200	1800	0	14	-14
TOTAL				0	0	0

2.4.2 Ministerial Staff at Hyderabad:

S No	Desg	Scale	Grade pay	San	Act	Vac
1	Ch.OS (Non-Per)	9300-34800	4600	2	3	-1
2	OS (Non-Per)	9300-34800	4600	5	5	0
3	OS- (Per)	9300-34800	4200	2	2	0
4	Sr. Clerk (Non-Per)	9300-34800	2800	1	1	0
5	Peon/Duftry	5200-20200	1800	1	0	1
Total				0	0	0

Total sanctioned staff including Ministerial staff at HYB depot: 468+11=479

2.5 HODLING OF HYB DEPOT:

2.5.1 Primary Maintenance:

S No	Train No	No. of rakes	Non-AC	AC	Total
1.	12723	3	51	21	72
2.	12760	2	34	14	48
3.	12728	2	36	12	48
4.	12721	4	56	8	64
5.	17230	4	4	0	4
6.	17020	1	14	9	23
7.	17021	1	8	2	10
8.	02731	1	12	8	20
9.	82719	1	15	3	18
10.	12720/17020	1	12	8	20
11.	17032	4	56	16	72
12.	17014	1	13	2	15
13.	17011	3	48	0	48
14.	07005	1	18	5	23
15.	07117	1	18	2	20
16.	57130	3	33	0	33
17.	57156	1	15	0	15
TOTAL		0	0	0	0
	Mech spare (8.5%.Non-AC & 10% AC)	34	37.65	11	48.65

	Optg spare (5%.Non-AC & 6% AC)	34	22.15	6.6	28.75
	Grand Total	34	502.8	127.6	630.04 say 630

2.5.2 Secondary Maintenance:

S No	Train No	No. of Rakes	No. of coaches
1	Express Train 18646	5	110

2.5.3 Turnaround Maintenance:

S No	Train Maintained	No.of Trains	No.of coaches
1	Super fast Trains (12604)	1	23
2	Express trains) 17230, 17256, 16572 &11076)	6	92
	Passenger Trains (57547, 57549, 57563,57517&57156)	5	63
	Total	12	178

2.6 Secunderabad depot:

2.6.1 SCALE CHECK OF C&W /SC DEPOT as on 01.12.2018:

S No	Desg	Scale	Grade pay	San	Act	Vac
1)	SSE	9300-34800	4600	37	32	5
2)	JE	9300-34800	4200	18	14	4
3)	Sr.Tech	9300-34800	4200	94	81	13
4)	Tech -I	5200-20200	2800	146	103	43
5)	Tech -II	5200-20200	2400	27	63	-36
6)	Tech -III	5200-20200	1900	39	35	4
7)	Helper	5200-20200	1800	242	138	104
8)	MCM Welder	9300-34800	4200	5	7	-2
9)	Welder HS-I	5200-20200	2800	5	4	1
10)	Welder HS-II	5200-20200	2400	0	3	-3
11)	Welder HS-III	5200-20200	1900	0	10	-10
12)	MCM Carpenter	9300-34800	4200	6	7	-1
13)	Carpenter HS-I	5200-20200	2800	14	6	8
14)	Carpenter HS- II	5200-20200	2400	0	4	-4
15)	Carpenter HS- III	5200-20200	1900	0	2	-2
16)	B/smith HS-I	5200-20200	2800	0	2	-2
17)	MCM Painter	9300-34800	4200	3	1	2
18)	Painter HS-I	5200-20200	2800	5	3	2
19)	MCM Machinist	9300-34800	4200	1	1	0
20)	Machinist HS-I	5200-20200	2800	1	1	0
21)	Machinist HS- III	5200-20200	1900	0	3	-3
22)	MCM L/Driver	9300-34800	4200	2	3	-1
23)	L/Driver HS- I	5200-20200	2800	2	1	1
24)	L/Driver HS- II	5200-20200	2400	0	2	-2
25)	L/Driver HS-	5200-20200	1900	0	1	-1

	III					
26)	MCM Trimmer	9300-34800	4200	0	2	-2
27)	Trimmer HS-I	5200-20200	2800	3	4	-1
28)	MCM carriage attender	9300-34800	4200	0	1	-1
29)	Carr. Attender HS-I	5200-20200	2800	1	0	1
30)	Carr. ATTD/USK	5200-20200	1800	1	0	1
31)	Sr.Safaiwala	5200-20200	1800	0	9	-9
32)	Revitter HS-I	5200-20200	2400	0	1	-1
TOTAL				0	0	0

2.6.2 Ministerial Staff at Secunderabad:

S No	Desg	Scale	Grade pay	San	Act	Vac
1.	Ch.OS (Non-Per)	9300-34800	4600	2	1	1
2.	Ch.OS- (Per)	9300-34800	4600	0	1	-1
3.	OS (Non-Per)	9300-34800	4600	7	5	2
4.	OS- (Per)	9300-34800	4200	1	1	0
5.	Sr. Clerk (Non-Per)	9300-34800	2800	1	1	0
6.	Jr. Clerk (Non-Per)	5200-20200	1900	0	3	-3
7.	Jr. Clerk (Non-Per)	5200-20200	1900	0	1	-1
8.	Peon/Duftry	5200-20200	1800	2	0	2
Total				0	0	0

Total sanctioned staff including Ministerial staff at SC depot: 652+13 =665

2.7 Activities Other Than Coach Maintenance:

- Maintenance of inspection carriages.
- Examination of Military Specials at SCMS (Southern Commandant Military Siding)
- Break down Activities (140 tonne COWAN SHELDON Crane, Self propelled ART & MRV, RMARV)

2.8 SC Depot HODLING:

2.8.1 Primary Maintenance:

S No	Train No	No. of Rakes	Non-AC	AC	Total
1.	12706	1	20	1	21
2.	17023	1	17	1	18
3.	17064	5	95	25	120
4.	17016	3	54	15	69
5.	12764	2	38	8	46
6.	12710/17058	4	64	20	84
7.	12757	1	21	1	22
8.	17018	1	15	6	21
9.	17037	2	32	12	44
10.	12740	2	0	40	40
11.	12735	1	0	13	13
12.	12285	1	11	7	18

13.	12791	4	72	24	96
14.	17026	2	32	4	36
15.	12220	1	0	17	17
16.	17007	1	18	4	22
17.	22204	1	0	17	17
18.	12771	1	16	3	19
19.	12770	1	18	4	22
20.	17002	2	34	10	44
21.	12774	1	0	18	18
22.	07009	1	18	5	23
23.	07091	1	18	5	23
24.	07149	1	15	5	20
	Sub Total	0	0	0	0
	Mech spare (8.5%.Non-AC & 10% AC)	37	51.68	26.5	78.18 say 78
	Optg spare (5%.Non- AC & 6% AC)	37	30.4	15.9	46.3 say 46
	Grand Total	37	690.08	307.4	997

2.8.2 SECONDARY MAINTENANCE

Sl.No	Train	No. of rakes
1	12437	1
2	12590	1
3	12513	1
TOTAL		3

2.8.3 Pass Through Maintenance:

Trains Maintained	No.of Trains	No.of Rakes
Super Fast Trains	14	272
Mail/Express Long Distance	13	258
Mail/Express	13	258
Total	40	0

** ** *

3.0 ¡ðâðð÷÷μðĐððÃÙð"î òãðäâð÷æðÂð / CRITICAL EXAMINATION:

- 3.1** Hyderabad C&W Depot is a Terminal depot in the Twin Cities of Hyderabad and Secunderabad with trains originating to important locations and is situated in the heart of the city.
- 3.2** Primary Maintenance, Secondary Maintenance and Turn Round Maintenance of Super Fast Trains, Express trains and Passenger trains are being done at Hyderabad and Secunderabad Depots.
- 3.3** In addition to these trains, special trains are also being run regularly.

3.4 Following are the Out sourced activities at C&W HYB/SC Depots:

S No	Name of the activity
1	Maintenance of fire extinguishers
2	Turn round maintenance (OEM)
3	Boarder stitching for woolen blankets
4	Provision of bedroll distribution services in superfast/express trains
5	Mechanized cleaning of curtains in AC coaches, inspection carriages including linen pertaining to TTE's room
6	Mechanized cleaning of Primary/Secondary maintenance coaches, provision of toilets in AC coaches and cleaning of coaching depot premises.
7	On Board House Keeping superfast/express trains
8	Transportation of fully assembled ICF boggies between LGD workshop and SC/HYB depots
9	Turn round maintenance (OEM) at BIDR
10	Comprehensive supply, installation and maintenance of centralized gas pipe lines in pantry cars at SC, HYB & LGDS.
11	Annual maintenance and operation contract for bio-toilet (DRDE type)
12	Pest control in primary maintenance trains at SC & HYB depots
13	Supply, installation, commissioning of plant/ equipment 7 related infrastructure and operation of mechanized laundry, packing of bedrolls, loading/unloading of bedroll sets.
14	Comprehensive yard cleaning, pit line cleaning and complete housekeeping of the depot
15	Rodent control treatment in yards, office premises, pit lines and stabling yards at SC & HYB
16	Environment management system for major coaching depots.

3.5 Contracts position at Coaching Depots.

Sl. No	Agreement No	Name of contract	Firm's name	Period of contract	From	to	Value
1	C/M/EnHM/ OBHS.S C-I/ 2/2018-19.	On Board Housekeeping Services for Secunderabad coaching depot based Group-I	M/s. Peyush Treders, Shop No-2, Lalitha Plaza, Opp: Ganesh Mandir, Malang Road. Dwarli	2 years	15-09-2018	14-09-2020	6,12,16,003.90

	Dt.30/08/2018.	trains(T.No.12704/03,17002/01,12285/86,12757/58,17057/58,12706/05,) for a period of two years By M/s. Peyush Treders.	Goan Kalyan (E)-421306				
2	C/M/EnHM/OBHS.S C-II/5/2018-19, Dt.30/10/2018.	On Board Housekeeping Services for Secunderabad coaching depot based Group-II trains(T.No.12791/92,17016/15,17018/17,17037/38,12220/19 & 12784/85) for a period of two years	M/s. Peyush Treders	2 years	24-10-2018	23-10-2020	7,13,30,444.54
3	C/M/EnHM/OBHS.S C-III/8/2016-17, Dt.06/04/2017.	On Board Housekeeping Services for Secunderabad coaching depot based Group-III trains(T.No.17007/08,12774/73 & 12796/95) for a period of two years.	M/s. DYNAMIC SERVICES,139, Dakshindari Road, KOLKATA-700048,	2 years	10-05-2017	09-05-2019	94,45,871/-
4	C/M/EnHM/OBHS.S C-VI/1/2017-18,Dt.20/01/2018.	On Board Housekeeping Services for Secunderabad coaching depot based Group-VI trains(T.No.12710/09 & 17023/24) for a period of two years.	M/s. S.R.Enterprises.	2 years	21-02-2018	20-02-2020	1,01,85,387.31/-
5	LOA:CM.C&W.36.Bogie. Trans.S C&HYB. 15.16-17, Dt.20.04.2017.	Transportation of fully assembled ICF bogies between LGD shops and coaching depots of HYB and SC for a period of 2 years.	M/s. Prabhu Lorry Transport, H.No.4-7-174/1, Auto Nagar, NTPC-Jyothinagar, Karimnagar Dist-505215.	2 years	22-04-2017	21-04-2019	52,52,717.24
6	CM.C&	Mechanized	M/s. SHINE	2 years	11-	10-	25,0

	W.36.S C.UPH. SC.05- 17-18, Dt.09/0 8/2017.	cleaning of curtains in AC coaches, Inspection carriages including Linen pertaining to TTE's Room(SC) for a period of 2 years in SC division.	WASHING SYSTEMS, Office. H. No. 09-104, Chengicherla Road, Opp. V. S. Reddy Gardens, Medipally Village, Ghatkesar Mandal, R. R. Dist		08- 2017	08- 201 9	7,86 9.81/ -
7	CM.C& W.36.A MC.Pant ry.SC.Di v.06.17 -18, Dt.05/0 9/2017	Comprehensive Supply,installati on and maintenance of centralized Gas pipe lines in Pantry cars at coaching depots HYB,SC & LGDS for a period of 2 years	M/s.Hydro Pneumatic Engineers (HYB) Pvt. Ltd., # 1-3- 183/40/46, Plot No.36, Sai Nagar, New Bakaram,Hyderab ad-500080.	2 years	19- 09- 2017	18- 09- 201 9	27,9 4,86 9.68/ -
8	CM.C& W.36.P est.7.15 -16, Dt.04/0 3/2016.	Pest control in primarily maintained trains at Secunderabad and Hyderabad depots for a period of 3 years.	M/s.Truly Pest Solution Pvt Ltd.,215,D.No.6- 3-862/A, Lal Bungalow Commercial Complex, Ameerpet, Hyderabad- 500016.	3 years	06- 02- 2016	05- 02- 201 9	5687 081. 5
9	CM.C& W.36.R odent control. SC&HYB .12.15- 16, Dt.24/0 6/2016	Rodent control treatment in yards, office primises, pit lines and stabling yards at Secunderabad and Hyderabad coaching depots for a period of three years.	M/s. Pest Control Corporation, 811, Raghava Ratna Towers, Chirag Ali Lane, Abids, Hyderabad- 500001.	2 years	27- 04- 2016	26- 04- 201 9	9,53, 223
10	CM.C& W.36.B uff.5.16 -17, Dt.14/1 2/2016	Buffing of stainless steel items in coaches based at coaching depots SC&KZJ for a period of 02 years by	M/s. Sri. Dhanalakshmi Engineering Enterprises, Door No.24-5-90, Fathima Nagar, Kazipet-506004.	2 years	30- 09- 2016	29- 09- 201 8	58,1 0,47 4.25/ -

		M/s.Sri. Dhanalakshmi Engieneering Enterprises.					
11	LOA:CM .C&W.3 6.UPH.S C 04.17-18, Dt.19.09.2017.	Dry shampoo cleaning of carpets and upholstery in Inspection carriages at SC depot for a period of two years	M/s. Pavan Clean&Shine Pvt.Ltd	2 years	03-10-2017	02-10-2019	6,45,691.03
12	CM.C&W.36.I MS.SC & HYB-14-16-17, Dt.12/06/2017	Integrated Management System (ISO 9001:2015,14001:2015, & OHSAS 18001:2007) for Coaching Depots Secunderabad and Hyderabad for a period of 03 years.	M/s.IR Class Systems and Solutions Private Limited, 52A, Adi Sankaracharya Marg, OPP:Powai Lake, Mumbai, PH:91-2230519800 & 21.	3 years	10-04-2017	09-04-2020	18,33,249.60/-
13	CM.CW.36.Mech.Laundry.SC.08.17-18, Dt.29.11.2017.	Operation of mechanized laundry machinery and Packing of bedroll sets & Loading and unloading of Bedroll sets into the trains on platforms including transportation from Mechanized laundry to platform and vice-versa at SC depot Mechanized laundry for a period of two year By M/s. THARU & SONS	M/s. THARU & SONS	2 years	16-12-2017	15-12-2019	1,42,82,625
14	CM.C&W.36.M CC.SC.15.17-18,	Mechanized cleaning of Primary/Secondary maintained coaches,	M/s. Reliable Concrete Corporation,101, Dum Dum Cossipore Road,	2 years	01-04-2018	31-03-2020	11,79,95,926.97/-

	Dt.13.03.2018.	provision of toiletries in AC coaches at coaching depot Secunderabad for a period of 2 years by M/s. Reliable Concrete Corporation,10 1, Dum Dum Cossipore Road, Kolkatta-700074,	Kolkatta-700074,				
15	CM.C&W.36.H K.SC.17 .17-18, Dt.29/03/2018.	Housekeeping services at coaching depot premises at Secunderabad depot for a period of 2 years by M/s. S.R.Enterprises.	M/s. S.R.Enterprises.	2 years	01-04-2018	31-03-2020	2,78,13,574
16	CM.186 .C&W.M &P.AMC .Laundry.SC, Dt.27/03/2018.	Non-Comprehensive Annual maintenance Contract for Mechanized Laundry Equipment at SC Depot for a period of two years by M/s. ADD Laundry Concepts Pvt.Ltd.	M/s. ADD Laundry Concepts Pvt.Ltd.	2 years	12-04-2018	11-04-2020	11,23,466
17	C/M/ ENHM/ CTS.SC / 6/2017-18, Dt.22/03/2018.	Mechanized cleaning of en-route trains under CTS scheme at Secunderabad Railway station on turnkey basis for a period of 2 years by M/s. S.R.Enterprises	M/s. S.R.Enterprises.	2 years	25-04-2018	24-04-2020	3,81,13,070
18	CM.C&W.36.Bio Toilet.A MOC.SC &HYB.0	Annual Maintenance and Operation contract(AMOC) for Bio-Toilets at Coaching	M/s.Banka Bioloo Limited	2 years	05-10-2018	04-10-2020	7,45,29,761.32/-

	3.18-19, Dt.17/09/2018.	Depot Secunderabad & Hyderabad for a period of two years by M/s.Banka Bioloo Limited, Hyderabad.					
19	CM.C&W.36.O EM.SC. 02.18-19, Dt.24/09/2018	Turn round attention of Passnger/Expre ss trains at Secunderabad Secunderabad Coaching depot for a period of 02 years by M/s.Dynamic Services, Kolkata.	M/s.Dynamic Services, Kolkata.	2 years	14-10-2018	13-10-2020	10,52,29,490
20	LOA:CM.C&W.36.BRD. SC-I.01-17-18, Dt.20/07/2017.	Provision of bed roll distribution services in T.Nos. (12735/36,12704/03,12734/33,12710/09,17058/57,12220/19,22204/03,17007/08,12774/73&12784/83)express trains for a period of 2 years.	M/s. Supreme landromat (LLP), Plot No.27, Sai Ram Nagar, Medipally, Hyderabad-500098, Mobile No:9440597897,9885997063.	2 years	01-08-2017	31-07-2019	2,00,66,903.57/-
21	CM.C&W.36.BRD.SC-Gr.II.18.18-19, Dt.11.10.2018.	Provision of bed roll distribution services in 7 Express trains (Train Nos.17018/17,17026/25,12732/31,17016/15,12740/39,12771/72&12770/12762/61/12769) based at SC coaching depot for a period 2 years. By M/s. Dynamic service	M/s. Dynamic service	2 years	13-10-2018	12-10-2020	2,0,671,996/-
22	CM.C&W.36.BRD.SC&HYB-19-17-18, Dt.04/0	Provision of bed roll distribution services in 8 trains (Train No.12764/63,17037/38,17002/01,12791/92,1	M/s. The Cap A Pie, Ahmedabad.	2 years	13-05-2018	12-05-2020	2,55,59,243.02/-

	5/2018.	7064/63,12285/86,12723/24&17014/13) based at SC & HYB coaching depots for a period 2 years By M/s. The Cap A Pie, Ahmedabad.					
23	CM.C&W.36.W B.Stich. 07.17-18, Dt.13/11/2017	Border stitching for woolen blankets at SC & HYB depots for a period of 2 years in SC division by M/s. B.Anandam	M/s. B.Anandam	2 years	30-11-2017	14-11-2019	
24	C/M/EnHM/OBHS.S C-I/ 1/2016	On Board Housekeeping Services for Secunderabad coaching depot	M/s.Khagaul Loco Labour's Co-Operative Society Ltd,Add.Jai	2 years	12-01-2016	12-01-2018	
25	C/M/EnHM/OBHS.S C-II/ 5/2016	On Board Housekeeping Services for Secunderabad coaching depot	M/s.Khagaul Loco Labour's Co-Operative Society Ltd,Add.Jai	2 years	12-01-2016	12-01-2018	
26	CM.CW.36.Mech.Laundry.11.16-17, Dt.30.03.2017.	Operation of mechanized laundry machinery and Packing of bedroll sets & Loading and unloading of Bedroll sets into Provision of bed roll distribution services in train Nos. (12764/63,17037/38,17002/01,1279	M/s.Shine Washing Systems, Medipally, Ghatkesar Mandal, R.R.Dist,Telangana.	1 year	16-12-2016	15-12-2017	
27	CM.C&W.36.B RD.SC&HYB-09-16-17, CM.C&W.36.M CC.SC.10.15-16, Dt.09.0	Provision of bed roll distribution services in train Nos. (12764/63,17037/38,17002/01,1279	M/s.Khagaul Loco Labour's Co-Operative Society Ltd,Add.Jai Ram Bazar, M/s.	2 years	01-01-2017	31-12-2019	
28	CM.C&W.36.M CC.SC.10.15-16, Dt.09.0	Mechanized cleaning of Primary/Secondary maintained coaches, provision of toiletries in AC Turn round Trains maintenance (OEM) at Secunderabad for a period of 02	Padmavathi Hospitality & Facilities Management Service, #18-1-M/s. DYNAMIC SERVICES,139, Dakshindari Road,	2 years	02-02-2016	01-02-2018	
29	CM.C&W.36.O EM.SC.22.15-	Mechanized cleaning of enroute trains at Secunderabad Railway station on	M/s. Padmavathi Hospitality & Facilities Management	2 years	08-01-2014	08-01-2016	
30	CM.C&W.36.C TS.SC.6 .14-15, Dt.05/0						

31	CM.C&W.36.B RD.SC-II.2.16-17, Dt.19.0 CM.C&W.36.O BHS.SC - IV.14.1 CM.C&W.36.O BHS.SC - V.15.15	Provision of bed roll distribution services in SC depot based Group-II(17018/17,17026 On Board Housekeeping Services for Secunderabad coaching depot On Board Housekeeping Services for Secunderabad coaching depot	M/s.Shine Washing Systems,H.No. 9-104,Chengicher la M/s. DYNAMIC SERVICES,139, Dakshindari Road, KOLKATA- M/s. DYNAMIC SERVICES,139, Dakshindari Road, KOLKATA-	2 ye ars	12-07-2016 15-07-2016	11-07-2018 17-06-2018	1,43,89,92081,05,20,11 9047485.57	Completed :Completed on
32				2 ye ars	12-07-2016 18-06-2016	11-07-2018 17-06-2018	1,43,89,92081,05,20,11 9047485.57	Completed :Completed on
33				2 ye ars	12-07-2016 18-06-2016	11-07-2018 17-06-2018	1,43,89,92081,05,20,11 9047485.57	Completed :Completed on

3.6 Khalasi Helper: The prime duty of khalasi helper is to assist the technicians in Primary/Secondary/Turn round maintenance. But most of the activities in coaching depots are outsourced like cleaning of curtains, machinated cleaning of linen, laundry , packing/loading /un loading / distribution of bed roll sets, housekeeping, AMC for bio toilets, turn round attention of passenger and express trains at Secunderabad, buffing of stainless steel items in coaches, pest control . Hence the work load of khalasi helpers is drastically reduced. There are total of 1627 coaches in SC and HYB depots and sanctioned posts of khalasi helpers are 398. It is observed that 4 khalasi helpers are required for 20 coaches rake (i.e one khalasi helper for 5 coaches). Total requirement of khalsi

3.7 Assessment of Requirement of khalasi helpers on Practical Observation:

Total No. of Coaches	630+997 = 1627
Total Khalasi Helpers	398
Requirement of khalasi helper	0.20 per coach
Staff required	1627x0.20=325.4 Say 326
Leave reserve 12.5%	40.62 say 41
Total requirement	326+41= 367
Staff excess on sanctions	398-367 =31

3.8 Recommendation: It is recommended to surrender 31 vacant posts of khalasi helpers in Mechanical (C&W coaching depots) department of Secunderabad Division which are excess to the requirement.

** ** *

4.0 Financial Implications:

4.1 On acceptance of the recommendation the financial recurring savings would be as follows:

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	Gr -D	18000	56900	31	37450	3371	1265451	15185412

On implementation of the recommendation- I, an Annual Savings of **Rs.151.85 lakhs** can be achieved.

5.0 çöüçÃðöôÃðó
5.0 R E C O M M E N D A T I O N

SNo	Recommendation	Para no.
1	It is recommended to surrender 31 vacant posts of khalasi helpers in Mechanical (C&W coaching depots) department of Secunderabad Division which are excess to the requirement.	3.8