

vkykd no:

Ekq[; ; W=d bafu; j

Alok Dave

Chief Mechanical Engineer

D.O. No. M.G.01-909



lk"pe e/; jy
West Central Railway

Ekqki cakd dk; ky;
bfhjk ekd[/]
tcyij - 482 001

General Manager's Office
Indira Market
Jabalpur 482 001

12th June-2013

Dear Shri Arunendra Kumar,

Sub: Performance of Mechanical Department - PCDO for the month of May-2013.

1. HIGHLIGHTS

- 1.1 During the month, 24 BOXNHL rakes were formed as CC rakes. The no. of NKJ based CC rakes on 31.05.13 was 172.
- 1.2 CRWS/ BPL achieved an MLR outturn of 51 Coaches and carried out IOH of 22 Coach bogie set.
- 1.3 Kota workshop achieved an outturn of 450 VUs against the target of 425 VUs which is 5.88 % higher than the target .
- 1.4 Kota workshop was allotted the work of conversion of 600 nos BOXN to BOXNHAM wagons under RSP (400 nos in 2011-12 and 200 nos in 2012-13). In this month 59 nos of BOXN wagons have been converted into BOXNHAM and turned out. Till May-13, a total 183 BOXN wagons have been converted into BOXNHAM.
- 1.5 Railway Board (vide letter no.2010/M(N)/951/5 dated 09.12.2011) has instructed to carry out special repairs to 40 modules of BLL wagons owned by CONCOR at WRS/KTT. In this month 03 modules of BLL type wagons(15 BLL Wagons) have been strengthened and repaired. Thus 38 modules have been turned out till end of May-2013.
- 1.6 In this month, Kota workshop has turned out 28 nos. BOXNR and 04 nos. BOXN-C cat wagons.

- 1.7 Kota workshop has been allotted the work of retrofitment of ATL in 300 nos of BFKHN wagons under deposit work. During the month, 42 BFKHN wagons have been retrofitted with ATL (Till May'13, total 254 BFKHN wagons have been retrofitted with ATL).
- 1.8 18 trips of 06 special trains comprising of total 310 coaches have been maintained by JBP division in May-2013.
- 1.9 During the month 70 additional coaches have been provided in various trains to reduce the long waiting list in passenger trains. In addition to this, temporary augmentations of 98 coaches have been provided in trains.
- 1.10 Bhopal Division has developed a "Rotary Type Multi Display Destination Board" and provided in train No.1259/ 12530 successfully on 29.05.2013 at HBJ.
- 1.11 Diesel loco outage (freight +coaching) during current month is 101.19% of the target i.e 3.31 more locos/ day than the target. The average outage (freight and coaching) for the year 2012-13 is 101.61% of the target.

1.12 **Certification of rakes:**

During the month and Cumulative	Rakes offered for examination at nominated TXR	Rakes certified as Premium end to end and CC rakes	% of rakes certified as Premium end to end and CC rakes
May. 2013	468	532(322PEE+110CC)	92.3%
May. 2012	545	522	95.8%
Cum 2013-14	1018	937	92.0%
Cum 2012-13	1095	1043	95.3%

- 1.13 Out of NPOH arising of 271 BOXNs, 226 wagons (83.3%) were repaired in the sick lines during May- 2013.

1.14 **Progress of Model Rakes:**

An amendment in PO is required in view of improvement and design change as suggested by Design Evaluation team after approval of mock up made by M/s HFGW. Case is with store.

A total of 13 nos of requisition for electrical items have been vetted by Finance and material under procurement.

M/s Kemrock has been requested for extension of date of mock up approval. Case is with store

1.15 Utilisation of funds under Plan Head 41:

Against Final Grant of Rs 784.00 lakhs for 2012-13, funds utilized up to March' 13 are Rs 929.00 lakhs, which is 118.49% of Final Grant.

1.16 Utilisation of funds under Plan Head 42:

Against Final Grant of Rs. 2703.00 lakhs for 2012-13, funds utilized up to March'13 are Rs.2633.00 lakhs, which is 97.41% of Final Grant.

1.17 Status of Coaching items

Status of coaching items as per Railway Board letter No. 2007/M(C)/139/9 dated 30.04.10 is enclosed as ANNEXURE-IX.

1.18 Workshop Portal: WCR is regularly feeding data of POH out-turn, RSP work, over due POH, cycle time, unit cost, incentive performance, local passing and staff Strength in the workshop portal except In March-13, due to technical problem/software.

In this connection, a letter written to DME(P1) vide this office letter no. WCR/M/W/06/122 dated 09.04.13, for feeding the data in the WCR's workshop portal.)

2. INNOVATIONS & SYSTEM IMPROVEMENT –

2.1 Name of the Innovation: Fuel Pump Motor Test Bench for WDP4B/ WDP4D Locomotive:-



At present Diesel loco shed, Itarsi is holding 09 Nos. HHP locomotives.

Overhauling Schedule of their FPM is 3 Yly. Due to non availability of necessary testing facilities in shed O/H work of F P Motors could not be carried out.

To overcome the problem ET shed has fabricated and developed a Test Bench for WDP4B/WDP4D Locomotive as per R.D.S.O. design bulletin No. DB/02/2013/01 dt. 26.02.13. The Fuel Pump used on HHP locomotive is being procured from EMD. The designed discharge rating of this Pump is 7 GPM at 40 PSI pressure charge head. A fuel pump has been tested on the Test Bench and it's response to variation in suction head, discharge head at input voltage and current has been checked and recorded. Now after over hauling setting of fuel pump motor could be done in shed.

2.2 Name of the Innovation:- Rotary type Multi Display Destination Board:



Background: This Rotary type Multi Display Destination Board will replace conventional destination board which is provided on side exterior panel of coach.

Part: This Rotary type Multi Display Destination Board is consisting of:

1. 80mm x 80mm x 1145 mm x 1.6mm thick steel sheet for Box.
2. 380mm x 1210mm x 1.6mm steel sheet for Cover.
3. 80mm x 80mm x 1.6mm steel sheet for Cover.
4. 150mm x 120mm x 2.5mm steel sheet for bracket.
5. Pin, Bush, spring, Head lever etc.

Construction Detail: One box type structure is fabricated of size 80mm x 80mm x 1145 mm by using 1.6 mm steel sheet. Bush and Pin are welded with cover on both the ends of box. A ratchet system has been made consisting of one bush having four slots with 90° equally spaced. The end of the box section is provided with round plate with 4 lugs, fitted at an interval of 90° each other. Thus it rotates 4 times without removing destination board. This Rotary type Multi Display Destination Board is developed by staff of BPL & ET.

Date of implementation : Rotary type Multi Display Destination Board is provided in coaches of train no. 12529/30 successfully on 29/05/2013 at HBJ.

Benefits achieved, cost implication if any: Primary maintained train no. 12529/30 (HBJ-JBP-HBJ) has further two links as 11451/52 (JBP-REWA-JBP) and 11651/52 (JBP-SGRL-JBP). Repeatedly replacement of destination board of a rake having different link was absolutely not possible on platform of stations. To make it convenient for Railways and public comfort these Rotary type Multi Display Destination Board are introduced, which replaces destination of a train by simply rotating a head lever by 90° with the help of light weight stick.

2.3 Name of the Innovation:- Fixture to check inner bore of seal wear ring.



Background: Seal wear rings of the CTRB are push fitted over the axle. Loose seal wear ring may cause:

- (i) Grease oozing resulting into hot axle.
- (ii) Cutting of axle metal because the loose seal wear ring may move over the axle.

So, to ensure proper fitment of seal wear ring over the axle, checking of inner bore of seal wear ring is important.

The RDSO CTRB manual G-81 is silent about measuring the inner bore of the seal wear ring.

Construction details: The fixture has been made by utilising (i) Rejected Draft gear support plate (ii) 8 mm plate (iii) cut axle journal.

Inner diameter of seal wear ring is 144.552 mm. The axle journal fitted on the fixture is of dia. 144.552 mm. If the seal wear ring goes into the journal, the same is rejected. If it does not go, it is used.

Benefits: The innovation is a quality requirement which focuses on the better performance of CTRB in the field. It is estimated that proper fitment of seal wear ring will reduce/eliminate the chances of grease oozing which is a potential reason for hot axle.

3. Disciplining of errant Vendors – NIL

4. Line haul cost – Necessary monitoring is being done.

5. ASSISTANCE REQUIRED:

- 5.1** Railway Board has been requested to approve to assign the turnkey work of modernization of Kota workshop to RVNL vide letter no. WCR.M.G.01.266 dated 12.09.2012. Railway Board is requested to convey their decision.
- 5.2** Proposal for inclusion of Regional Railway Welding Institute (RRWI)/Coach Rehabilitation Workshop Bhopal in the list of recognized Main training centre on IR has been submitted to Railway Board (MPP Directorate) vide this office letter No.WCR/M/W/06/602 dated 25.08.2009 & followed by reminders. As per MM's inspection note dated 24.09.12, A letter has been written to Railway Board to include Regional Railway Welding Institute (RRWI)/CRWS/BPL in the Recognised list of Main Training Centres of Railway Board or to accord Rly Board's approval for considering

RRWI/CRWS/BPL as an extension of existing Technical Training Centre/CRWS/BPL vide CPO/WCR's letter no.WCR/P-HQ/Ruling/0/816/spl Allow./Corr.dtd. 04.04.13.

5.3 26 nos. WDP4 locos are required for proper mail express link of WCR.

With kind regards,

Yours sincerely,

(Alok Dave)

Shri Arunendra Kumar

Member (Mechanical)

Railway Board

New Delhi

Copy:

Shri Hemant Kumar, AM (ME), Rly. Board, New Delhi

Shri Arvind Khare, AM (PU), Rly. Board, New Delhi

Shri A.K.Puthia, Adviser Mech. Engg. (Projects), Rly. Board, New Delhi

Copy with relevant Annexure to:

1. Shri Vivek Kumar, Executive Director Mech. Engg. (Tr.), Rly. Board, New Delhi
2. Shri Ashesh Agarwal, Executive Director Mech. Engg. (Fr.), Rly. Board, New Delhi
3. Shri Shailendra Singh, Executive Director Mech. Engg. (Chg.), Rly. Board, New Delhi
4. Shri Sanjay Chadha, Executive Director Mech. Engg. (W), Rly. Board, New Delhi

LIST OF ANNEXURES

<p>vuyλud I Annexure I</p>	<p>nqk/wukxLr oSkua o dkpkadk fui Vkj DISPOSAL OF ACCIDENT INVOLVED WAGONS & COACHES</p>
<p>vuyλud II Annexure II</p>	<p>Ok"z 2012&13 dsfy, ;kstuk 'k"z fuf/k dk mi ;ks PLAN HEAD FUND UTILISATION OF YEAR 2011-12</p>
<p>vuyλud III Annexure III</p>	<p>jktLo ekkkads [kpZ dh fLFkr EXPENDITURE POSITION OF REVENUE DEMANDS</p>
<p>vuyλud IV Annexure IV</p>	<p>ed; foHkx iedk@foHkx iedkka }kjk ;k=d vutkxka dk fujh{k.k INSPECTIONS CARRIED OUT BY PHOD/HODs OF MECHANICAL DISCIPLINE.</p>
<p>vuyλud V Annexure V</p>	<p>dkjikjV I j{k ;kstuk dh fLFkr STATUS OF CORPORATE SAFETY PLAN</p>
<p>vuyλud VI Annexure VI</p>	<p>byDVksud bu ek"ku Hkj I rkd fu"iknu PERFORMANCE OF ELECTRONIC IN MOTION WEIGHBRIDGES</p>
<p>vuyλud VII Annexure VII</p>	<p>byDVksud bu ek"ku Hkj I rkd LFki uk ,oa dk; fLFkr INSTALLATION & FUNCTIONING OF ELECTRONIC IN-MOTION WEIGHBRIDGES</p>
<p>vuyλud VIII Annexure VIII</p>	<p>o"z 2012&13 grq ifjlafr;kv vtU fuezk ,oa ifrLFki u PROGRESS OF WORKS UNDER PLAN HEAD-42</p>
<p>vuyλud IX Annexure IX</p>	<p>dkspax enka dh fLFkr STATUS OF COACHING ITEMS.</p>
<p>vuyλud X Annexure X</p>	<p>dkp ,oaSkua ds egroi wZ vkj , I ih dk; Z dh orZku fLFkr PRESENT STATUS OF IMPORTANT RSP WORKS FOR COACHES AND WAGONS</p>

BPL	0	0	0	0	0	0	0	0	NA		0	0
JBP	0	0	0	0	0	0	0	0	NA		0	0
KTT	0	0	0	0	0	0	0	0	NA		0	0
TOTAL	0	0	0	0	0	0	0	0	NA		0	0

0k'kz 2012&13 dsfy, ;kst uk 'kr'kz fuf/k dk mi ;ks
PLAN HEAD FUND UTILISATION OF YEAR 2012-13

(Figs. in Rs.000s)

;kst uk 'kr'kz Plan Head	váre xáV Final Grant 2012-13	tuojh 2013 rd 0; ; ½kLrfod ½ Expenditure up to March'2013 (Approx.)	Qjojh 2013 rd 0; ; ½yxHlx ½ Expenditure up to March'2013 (Actual)	vkj th dk ifr''kr %age on RG
Plan Head – 41	78400	66700	92900	118.49%
Plan Head – 42	270300	237400	263300	9741 %

Note: - Booking of PH-41&42 has been given as per FA&CAO's letter No.
 HQ/Acs/Effy /Ear&Exp/2012 dated 20.05.2013.

jktLo ekkkads [kpZ dh fLFkr

EXPENDITURE POSITION OF REVENUE DEMANDS

(Figs. Rs.in Lakh)

dzl a Sr. No.	fdz kdyki Activity	chbZ 12&13 BE 12-13	chth 12&13 BG 2012-13	tykbl ds vr each h B.P. to the end of March'2013	okLrfod [kpZ Actual Exp. March'2013	vf/kd@deh dk I f{kr dkj.k Brief Reasons for Excess/Short fall
ekkk I d; k 5-C ekVo ikoj dk vuj{k.k , oaejfer						
DEMAND No. 5-C REPAIR AND MAINTENANCE OF MOTIVE POWER						
A	ESST. IN OFFICES C-100	1406.55	1373.80	1373.80	1457.53	Minor variation.
B	STEAM LOCOS C-200	0.00	0.00	0.00	0.00	
C	DIESEL LOCOS C-300	17308.55	15739.52	15739.52	13725.29	Minor variation.
TOTAL DEMAD No.5-C		18715.10	17113.32	17113.32	15182.82	
CREDIT C-910		-43.83	-160.26	-160.26	-88.57	Less credit received on the head than provision.
ekkk I d; k 6-D d;st , oaoXu dh vuj{k.k , oaejfer						
DEMAND No. 6-D REPAIR AND MAINTENANCE OF CARRIAGE & WAGONS						
A	ESST. IN OFFICES D-100	2519.91	2662.23	2662.23	2371.79	Minor variation.
B	CARRIAGE D-200	10805.59	11057.14	11057.14	10015.99	Minor variation.
C	WAGONS D-300	12470.32	11925.41	11925.41	10814.89	Minor variation.
D	MISC. REP. & MAINT. D-600	-2547.11	-3344.01	-3344.01	-1214.95	Less credit received on the head than provision
E	DMU COACHES D-700	0.00	0.00	0.00	0.00	
TOTAL DEMAD No.6-D		23248.71	22300.77	22300.77	21987.72	
CREDIT D-910		300.09	-201.12	-201.12	-414.14	Less credit received on the head than provision
ekkk I d; k 7-E I a a midj. kadh vuj{k.k , oaejfer						
DEMAND No. 7-E REPAIR & MAINTENANCE OF PLANT EQUIPMENT						
A	PLANT & EQUIPMENT E-300	1931.49	1587.73	1587.73	1637.59	Minor variation.
B	EQUIPMENT E-810	584.07	299.90	299.90	278.31	Minor variation.
TOTAL DEMAND No. 7-E		2515.56	1887.63	1887.63	1915.90	
ekkk I d; k 8-F ifjpkYu 0; ; py LVkM v d;st , M oXu						
DEMAND No. 8-F OPERATING EXPENSES ROLLING STOCK(C&W)						
A	OPERATING EXPENSES ROLLING STOCK F500	3773.42	3088.34	3088.34	3143.93	Minor variation
TOTAL DEMAND No. 8-F		3773.42	3088.34	3088.34	3143.83	

ef; foHkx iedk@foHkx iedkka }kjk ; k=d vuHkxka dk fujh{k.k

INSPECTIONS CARRIED OUT BY PHOD/HODs of Mech. Discipline.

**I nHk & vrfjDr I nL;] ; k=d jyosckM/dk fnukd 10-11-1998 i=kad 98@,
, e¼ e½@fujh{k.k**

{Ref: Addl. Member (Mech), Railway Board's letter no. 98/AM(M)/Inspection dated 10.11.1998}

ef; foHkx iedk rFk foHkx iedkka }kjk fd; s x; s fujh{k.k

dz I a	Iknuke	Ekg ds nHku fd; s x; s fujh{k.k ka dh I d; k		
		e.My	dkj [kkuk	vU;
1	ef; ; k=d ba'h	2	0	-
2	ef; dkj [kkuk ba'h	2	-	-
3	ef; py 'kDr ba'h	7	0	-
4	ef; py LVKMM ba'h	4	0	-

e.My vf/kdkfj; ka }kjk ; k=d vuHkxka dk fujh{k.k

dz I a	fujh{k.k dk izdkj	vi fkr		okLrfod fujh{k.k ka dh I [a k	
		ekg ea	Ok"lz ea I apr	Ekg ea	Ok"lz ea I apr
1	Mhty 'kM	84	168	69	126
2	dsjst , M oXu fMiks	162	324	86	169
3.	jrd fujh{k.k	81	162	56	108
4.	Qvlyv fujh{k.k	48	96	36	74
5.	Qv ykM ij I ij pd	21	42	15	27
6.	, vkjVh@, vkj, ebz	3	6	7	13
7.	cd Mkm ddu	6	12	2	6
8.	jfuax : e	9	18	6	13
9.	Q; fryx ifr"Bku	12	24	3	7
10.	Dwcfda@ykh	15	30	8	15
11.	if'k{k.k Ldw tM Vhl h@, I Vhl h	7	14	*	*
12.	vU; dkbz	0	0	16	32

lf"pe e/; jy eadkbz if'k{k.k Ldw tM Vhl h@, I Vhl h ughagA

dkj i kj\ I j {kk ; kstuk dh fLFkr STATUS OF CORPORATE SAFETY PLAN

<u>dkj i kj\ I j {kk ; kstuk 6.7</u> CORPORATE SAFETY PLAN 6.7			
<u>dkp i Fkdhdj.k @chtHhdş e</u> Coach Detachment /BGTKM			
o"z 13&14 grq yç; TARGET FOR 13-14	ekg dsfy, fu"iknu PERFORMANCE FOR THE MONTH	ekg dsvr rd fu"iknu PERFORMANCE UP TO THE MONTH	fVli .kh REMARKS
-	0	0.147	-

<u>dkj i kj\ I j {kk ; kstuk 6-8</u> CORPORATE SAFETY PLAN 6.8			
<u>oşxu i Fkdhdj.k @chtHhdş e</u> Wagon Detachment /BGTKM			

o"z 13&14 grq yç; TARGET FOR 13-14	ekg dsfy, fu"iknu PERFORMANCE FOR THE MONTH	ekg dsvr rd fu"iknu PERFORMANCE UP TO THE MONTH	fVli .kh REMARKS
-	2.535	1.973	-

<u>dkj i kj\ I j {kk ; kstuk 6-9</u> CORPORATE SAFETY PLAN 6.9			
<u>detkj çd 'kDr @chtHhdş e</u> Poor Brake Power/BGTKM			

o"z 13&14 grq yç; TARGET FOR 13-14	ekg dsfy, fu"iknu PERFORMANCE FOR THE MONTH	ekg dsvr rd fu"iknu PERFORMANCE UPTO THE MONTH	fVli .kh REMARKS
-	0	0	-

<u>dkj i kj\ I j {kk ; kstuk 6-10</u> CORPORATE SAFETY PLAN 6.10			
<u>xkMh foHktu @chtHhdş e</u> Train Parting/BGTKM			

o"z 13&14 grq yç; TARGET FOR 13-14	ekg dsfy, fu"iknu PERFORMANCE FOR THE MONTH	ekg dsvr rd fu"iknu PERFORMANCE UPTO THE MONTH	fVli .kh REMARKS
-	0.691	0.608	-

<u>dkj i kj\ I j {kk ; kstuk 6-11,</u> CORPORATE SAFETY PLAN 6.11A			
<u>?kVuk,Wir 10 yk[k vftz fdeh ea</u> INCIDENTENCES PER MILLION EKMS (Diesel locomotive)			

o"z 12&13 grq yç; TARGET FOR 13-14	ekg dsfy, fu"iknu PERFORMANCE FOR THE MONTH	ekg dsvr rd fu"iknu PERFORMANCE UP TO THE MONTH	fVli .kh REMARKS
-	6.51	5.60	Total number of incidences during the month was 28.

byDVKud bu eks'ku Hkj I r'qdk fu'iknu

PERFORMANCE OF ELECTRONIC IN MOTION WEIGHBRIDGES

Ref: - Railway Board's letter No: 2004/ DEV. CELL/ IDEI/ 2 dt 18.06.07.

Sl. No.	Total no. of loaded rakes originated on the railway	No. of rakes weighed on Electronic In motion weighbridge of			No. of rakes not weighed	Reasons for non-weighment	Penalty realized
		WCR Railway		Non-railway			
1	2	3	4	5	6	7	8
1	JBP-596	NKJ	16		390	Weighment done as per requirement of Commercial department.	
2		Satna	1				
3		Kachhpura	5				
4		Khanna banjari	14				
5		Mehgaon	11				
6		Beohari	7				
7		Gosalpur	0				
8		JQSG*	47				
9		BSCW*	21				
10		JBRT*	19				
11		MSSG*	4				
12		PCL*	12				
13		Sakaria*	23				
14		DDCE*	4				
15	DDSG*	16					
16	NNW	6					
17	BPL-209	Itarsi	0		209		
18	KTT-182	KTT	29		148		
19		SWM	0				
20		LKE	0				

*Private Weighbridge.

byDVksud bu eks'ku Hkj I r q dk LFki uk , oadk; iLFkfr
INSTALLATION & FUNCTIONING OF ELECTRONIC IN-MOTION
WEIGHBRIDGES

(Ref: Railway Board's letter No: 2004/ DEV. CELL/ IDEI/ 2 dt. 18.06.07)

eMy Division	LFky@LV'sku Location /Station	fVii .th Remarks	Pkywgkyr eaejfer grqosfct %or'eku ekg eami yC/krk½ Weigh Bridge in working order (Availability in current month)
JABALPUR	NKJ	Commissioned on 02.05.08	100%
	Satna	Commissioned on 03.07.08	96.7%
	Kachhpura	Commissioned on 17.11.08	99.1%
	Khanna banjari	Commissioned on 11.05.08	100%
	Mehgaon	Commissioned on 07.01.09	100%
	Beohari	Commissioned on 01.11.09	100%
	Nunvara	Commissioned on 16.02.12	100%
	Gosalpur	Commissioned on 04.11.08	100%
BHOPAL	Itarsi	Commissioned on 24.04.09	100%
KOTA	Kota	Commissioned on 24.09.08	95.6%
	Sawai Madhopur	Commissioned on 15.12.01	99.4%

o"l 2012&13 gsrqifjl i frR; k vtu fuekzk , oaifrLFkku
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2013-14
Ref. :- DME(W),Rly Board L. No. 2007/M/(W)/964/14 dated: 08.03.2007

Figures in 000's of Rupees

SN	Name of Work	Year of approval	Whether detailed estimate sanctioned, If yes the date of sanction	Latest sanctioned cost	Expenditure till end of previous financial year	Balance	Outlay for the current financial year RG 12-13	Cumulative Expenditure till current month	Additional funds required If any	Physical Progress (To be described in short)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
1	CRWS/BPL - Augmentation of Facilities for Enhancing MLR OutTurn Capacity of Coaches 300 to 500 per year	2003-04	28.07.04	75712	51008	24704	97	51008	0	Civil & Elect: Work completed. Mech:- Work completed.	
2	NKJ- Augmentation of ROH shed at C&W Depot to achieve ROH of 500 BOX-N wagons per month	2003-04	28.11.03	50880	45349	5531	4500	45430	0	Civil & Elect: - Work completed. Mech: - 01 no. EOT Crane Cap. 10T under procurement at COFMOW. Indent submitted to COFMOW on 24.01.2013 after re-validation. Tender opened on 16.04.13.Under commercial evaluation.	
3	JBP Construction of coaching complex phase-II (Additional Pit Line).	2004-05	09.12.04	35586	31988	3598	100	31988	0	Civil, Elect& Mech:- Work completed Bill of Rs.15.00 lakhs is to be passed for Mechanical portion.	

4	CRWS-BPL: Augmentation of capacity for mid-life rehabilitation of coaches from 500 to 750 per annum	2005-06	21.08.2006	466365	383215	83150	22312	389257	0	Civil- Work divided into 05 packages. Package-I, II & III completed. Another packages IV & V are in progress. Mech:- 37 M&Ps received including 02 Nos.EOT cranes 25T received on 03.07.2012 & under commissioning Gas manifold system & compressed air pipeline system are under procurement at COS.
5	WRS/KTT- Modernization of Wagon Repair Shop	2007-08	07.01.09	637046	40879	596167	40000	40879	0	GM/WCR has approved the execution of modernization of Kota workshop project under 'turn key" methodology. It has been requested to AM(PU) Rly Bd on 12.09.12, 19.10.12 & 05.11.12 that RVNL may be asked to take up this work by their organization already existing at Kota.In this regard GM/WCR has also been requested to Member (Mechanical)/Rly.Bd on 15.01.2013. A part activity has been excluded from turnkey. Civil: Non turnkey portion in progress Mech: M&Ps under non- turn key portion – Out of 31 M&Ps, 12 M&Ps received and rest are under process.
6	ELS/ET - Augmentation of capacity	2007-08	06.08.07	45000	39803	5197	7000	39803	0	Work completed.
7	ELS/NKJ - Augmentation of capacity from 100 to 120 locos	2007-08	21.09.07	31533	20674	10859	5000	23706	0	Work completed.
8	DSL/ET - Augmentation & up gradation of facilities	2007-08	13.08.07	60108	41462	18646	6000	41462	0	Civil: (78%) Work is in progress. Elect: Work is in progress. Mech: Out of 25 M&Ps, 11 M&Ps received & commissioned, 04 items dropped and rest are under procurement. Revised estimate sanction on 04.01.12.
9	JBP- Coaching complex at goods yard (phase-III)	2007-08	04.12.07	175483	142858	32625	4700	166000	0	CIVIL:- Construction of pit lines & integrated sick line completed. Connection of pit lines & lines of integrated sick line frm KTE end is in progress. Revised estimate is under

										HQ finance vetting. Elect:-Work completed . Mech:- One EOT crane 25T received on 15.04.12 & installed on 21.06.12 & under testing.
10	Satna- Up gradation of yard as 'A' category	2007-08	27.01.09	26466	22209	2257	100	22209	0	Civil: work completed. Mech: Work completed. Elect: Work completed. Bills Pending.
11	CRWS/Bhopal- Complete PU painting system for passenger coaches.	2008-09	12.12.08	221082	71808	149274	18000	71805	0	Civil- work completed. Mech- Complete PU painting system received on 16.02.13.(PO M/s GLOBAL Engg.)Clarification on some clauses are sought out from COFMOW. Elect- Work is in progress.
12	DSL/NKJ- Extension of LSR shed (25m) complete re-roofing by Al sheets and suitable flooring in D/shed	2008-09	14.11.08	67071	33735	33336	16900	33935	0	Civil: 94% work completed. Elect- Work is in progress. Mech:- All M&Ps received & commissioned. Work of industrial flooring & epoxy flooring will be carried out by Engg. deptt.
13	Kota- Extension of freight sick line and up-gradation from D to A category	2008-09	18.08.08	46715	32900	13815	8900	32900	0	Civil & Elect:- Work completed. Mech: All M&Ps received & commissioned except 02 EOT cranes-15 Ton under procurement at COFMOW. PO placed on M/s APIND. PSD-31.01.14.
14	ELS/NKJ- Augmentation of holding capacity from 120 to 175 locos	2008-09	01.08.08	97913	39737	58176	20000	39737	0	Civil- Contract terminated. Tender for balance work is to be invited. Fresh tender to be invited by 15.06.13. Electrical- Electrification power supply of shed and OHE modification work completed. All indents sent to stores for procurement. 19 items received.
15	ELS/TKD- Augmentation of holding capacity from 120 to 175 locos	2008-09	28.07.08	99959	44302	55657	25000	44302	0	Civil : Work is in progress S&T: Work completed. Electrical:- 80% work completed. TRD work will be done after completion of Civil work.Out of 44 no items. 38 received

16	DSL/ET- Up gradation, development & improvement in the existing facilities at Diesel loco shed.	2009-10	17.03.10	39174	2729	36445	14000	2729	0	Tender to be floated by 15.06.13.
17	NKJ- Creation of additional capacities for repair of unloadable wagons at new sick line, NKJ.	2009-10	23.12.09	100765	2430	95905	1700	2430	0	Civil-Tender opened on 23.04.2013.but no response. Tender re invited and will be opened on 30.05.13. Mech- M&Ps under procurement.
18	ELS/ET- Augmentation of homing capacity of electric locos to 175	2009-10	08.03.10	160809	45831	114978	50000	45831	0	Civil:- Work is in progress.(31%) Elect:- Work is in progress. Out of 87 indents 32 items received & rest are under procurement.
19	CRWS/Nishatpura - Replacement of old A.C. sheets by Aluminium sheets at CRWS.	2009-10	16.12.09	26314	24638	1676	500	24638	0	Work completed.
20	CRWS/BPL:- Additional Infrastructure for Bogie intermediate overhauling	2010-11	17.01.12	116123	3254	112869	10000	3254	0	Tender to be floated by 15.06.13.
21	JBP- One 20 coach length pit line and stabling line at old loco shed	2010-11	14.07.11	77249	32094	45155	24800	32094	0	Civil- 90% work completed. Construction of pit line is completed and further work in progress. Elect-Power supply arrangement completed. Mech- M&Ps are under procurement..
22	Kota- New washing pit line (24 coach length)	2011-12	28.05.12.	75493	2031	73462	20000	2031	0	Revised ESP for 26 coach length has been approved on 06.07.12. Civil- Work awarded on 12.02.13. Work is in progress. Elect. Tender under preparation. Mech- Out of 07 indents, 05 indents submitted to store for procurement.
23	JBP- Sick line at	2011-12	No	39300	0	39300	1	0	0	Work dropped.

	old loco shed (50mx25m)										
24	JBP-CAMETH design 20 coaches length pit line at old loco shed	2012-13	21.11.12	44937	0	44937	15000	0	0	Civil – Tender awarded on 21.05.13. Elec & Mech. - Tender to be invited.	
25	Itarsi-Drop table hydraulic lifting and traversing system and extension of MR bay at AC loco shed.	2012-13	No	32569	0	32569	10000	0	0	Work sanctioned in 2012-13.Detailed estimate for Electrical portion is under vetting with Sr.DFM/ JBP. Civil portion estimate to be prepared by Dy. CE/C/BPL.	
26	Vidisha- Setting up of factory to manufacture traction alternator and overhaul of AC traction motors of high horse power diesel locomotive.	2012-13	No	600000	0	600000	10000	0	0	New work sanctioned in 2012-13 under allocation-Deposit. Work to be executed by Rly.Bd. on PPP mode.	
27	ELS/TKD Augmentation of capacity for holding 250 locos.	2013-14	No	148600	0	148600	500	0	0	New work sanctioned in 2013-14. Detailed estimate under preparation.	
28	ELS/NKJ Augmentation of capacity for holding 250 locos	2013-14	No	298938	0	298938	500	0	0	New work sanctioned in 2013-14. Detailed estimate under preparation.	
29	ELS/ET Augmentation of capacity for holding 250 locos	2013-14	No	186100	0	186100	500	0	0	New work sanctioned in 2013-14. Detailed estimate under preparation.	
30.	Misrod- Setting up of workshop for repair/ rehabilitation of motorized bogies of electric rolling stock.	2013-14	No	480000	0	480000	10000	0	0	New work sanctioned in 2013-14.	

fyosckMZ dk i = I ; k 2007/M(C)/139/9 fnukad 30.04.10. ds vuq kj i hl hMlvks ea fj i kVZ dh xbz dkspx enka dh fLFkfr

Status of Coaching items reported through PCDO as per Railway Board letter No.

1. xkM; kaefyuu izaku Linen Management in trains:

A. fMiks }kjk l pkfyr dk; Bkj Workload handled by the depots

fMiks Depot	/kyh gpz fyuu l vka dh vkr n sud vko'; drk Average daily requirement of washed linen sets	1.1.2010 dks ; ka=d fMiks ea dy dk; Bkj dk ifr'kr % of the total workload with Mechanical dept as on 1.1.2010 (A)	ekg ds var rd ; ka=d foMks }kjk vU; foMks la l sfy, x, dy dk; Bkj % of the total workload taken over by Mechanical Department from other departments up to the end of month (B)	dy Total (A+B)
JBP	4555	100%	NIL	100.00%
BPL	390	100%	NIL	100.00%
HBJ	1050	37%	63%	100.00%
KTT	528	100%	NIL	100.00%

B. e"kuhd'r ykMh dh LFki uk Setting up of Mechanised laundries

fpflgr fMiks LFki Identified Depots / location	D; k foMksx; ; k cW ekMly gS Whether on Departmental or B.O.O.T. model	{kerk i fr fnu Capacity per day	fufonk o i Mhl h dh orZku fLFkfr Current status of tender & PDC
JBP/ (Rly Premises)	Mechanized laundry at railway premises.	3 Ton (tentative)	Mechanized laundry commissioned on dated 01.06.2012 at railway premises under three years contract.
BPL / (Contractor Premises)	Mechanized laundry at Contractor Premises	2 Ton (tentative)	Presently work is being managed through Mechanized laundry at Contractor Premises. Detailed terms & conditions and statement of deviation from Board's guidelines for setting up Mechanized laundry under BOOT system are under HQ finance concurrence.
KTT/ (Contractor Premises)	Mechanized laundry at Contractor Premises	1 Ton (tentative)	Contract awarded & functioning satisfactorily.

2. **ijh iVuZ ij 0; kol kf; d , tál ; ka }kj k dkspx j dka , oafMiks ifjI j dh e'kuhd'r I QkbZ**
Mechanised Cleaning of coaching rakes and depot premises by professional agencies on Puri pattern:

dy dkspx fMiks dh I ;k Total No. of coaching depots	fMiks dh I ;k t gkM fufonkvla dks väre : i fn;k tk pqlk gS No of depots where tenders have been finalized	'ksk Balance	fVli.kMj ;fn dkbZ Remarks, if any
03 (JBP,BPL,KTT)	03	00	<p>JBP: Tender awarded to M/s H. S. Services, Jabalpur on 09.05.12 for the period of two years. All the coaches of primary trains (i.e. 150 coaches per day) are covered under this contract. Work started on 27.05.2012.</p> <p>BPL: Tender for new contract awarded to M/s Vishakha Facility management Pvt. Ltd. New Delhi on 11.01.2013 for the period of two years. 115 coaches per day of primary trains and 135 coaches per day of other end trains including cleaning of depot premises and collection & disposal of garbage is included in this contract. Work started on 23.02.2013.</p> <p>KTT: Tender awarded to M/s Dynamic Enterprises, Jaipur on 22.11.2011. Work started. Contract will expire on 21.11.13.</p>

3. **vkM ckmZ I kQ&l QkbZ gsg fufonk dh flFkr** **Status of tenders for On-Board Housekeeping Services in trains:**

dz la S. N.	fpflgr xkfM; ks %k kMh% dh dy I ;k Total No. of trains (pairs) identified	xkfM; ks %k kMh% dh I ;k ftI dsfy, fufonkvla dks väre : lk fn;k tk pqlk gS No. of trains (pairs) for which tenders have been finalized	'ksk Balance	fVli.kMj ;fn dkbZ Remarks, if any
1. 2. 3. 4. 5. 6. 7.	07 12181/82 Jabalpur - Jaipur Express 11447/48 Shaktipunj Express 12189/90 Mahakoshal Express 11463/64/65/66 Somnath Express 11449/50 JBP-JAT Express 12187/88 Garibrath Express 12059/60 KTT-NZM Janshatabdi Express	03	04	Tender of OBHS for S.N.1 to 6 is awarded to M/s Ultra clean & services Jabalpur for a period of two years at a total cost of Rs 1.61 Cr on 12.03.2013. Work started on 11.04.2013. For S.N.7 tender awarded to M/s Dynamic Enterprises Jaipur on 08.01.2013 for the period of two years. Work

				started on 27.02.2013.
--	--	--	--	------------------------

4. dkp vi xM\$ku vj e"khud'r l Qbz ds l kfk okf.kT; d ipkj&i d kj
Commercial publicity with coach up-gradation and mechanised cleaning:

fpflgr xkM\$; kM\$jd Identified trains/rakes		ekg ds v' rd i wZ dh xbZ fufonk Tender finalized up to the end of the month				fVli .kh Remarks
xkM\$ l a Train no.	jd dh l a No of rakes	xkM\$ l a Train no.	jd dh l a No of rakes	Bds dh vof/k Contract duration	Qf'kd ykbZ d Qhl i'f j d Annual licensed fee per rake	
1. 11463/64/65/66	4					Trains at S.N. 1, 2 & 3 have been taken over by Commercial department for publicity. Fixation of reserve price for the remaining 02 trains is under process.
2. 12155/56	2					
3. 11449/50	1					
4. 12121/22	1	Nil	Nil	Nil	Nil	
5. 12191/92	2					

5. LoPN V\$u LV\$ku Clean Train Stations (CTS):

ukfer l hv/h, l Nominated CTS	Lifonk dk; k'lor d'us okyh , t' d h Agency executing the contract	Lifonk vof/k DOC and contract period	PDC & status of tender if CTS not commissioned/previous contract has expired
Itarsi	Eureka Forbes	25.08.06 for five years	Tender for new contract opened on 02.05.13. tender under finalization. As an interim arrangement tender for six months awarded on 16.05.2013. In this contract enroute cleaning of AC coaches is being done & passenger complaints are being attended.
Katni	M/s Ultra clean	17.08.2011 for two years.	Contract completing in Aug-2013. Proposal for new contract is under division vetting.

6. dhM&edkM\$so pgsfu; ;.k dh fLFkr Status of pest and rodent control:

fMik\$ dh d' l a Total No. of depots	fMik\$ t'gkM\$ v' h' h' Bdk py jgk g\$ Depots where contracts are operational	fMik\$ t'gkM\$ v' h' h' Bdk ugh'py jgk g\$ Depots where contracts are not in place & PDC
07	07 JBP & Rewa : Contract valid up to 22.11.2014. BPL, HBJ, BINA & ET: Contract valid up to 14.09.2014.	NIL

	KTT : Contract is valid upto 21.09.2015.	
--	--	--

7. I HMhVh, I dh fLFkr Status of Control Discharge Toilet System (CDTS):

I HMhVh, I I qo/kk okys dkk dh dy I a Total No. of coaches with CDTS	No of coaches with one or more CDTS defective	I HMhVh, I ; fuV dh dy I a Total no of CDTS units		okjā/h ds rgr [kjc bdkbz dh I a No of defective units under warranty	okjā/h nok dh fLFkr Status of warranty claims	[kjc bdkbz dks 'kq djus grq i HMh h PDC for commissioning of defective units
		dk; jr Functioning	[kjc Defective			
2	NIL	8	NIL	Nil	Nil	-

8. th, I I h, u , oa th, I hl h, u dkplads yacr mi jh cFkZ dks gVkus dk dk; Z Restoration of longitudinal upper berths in GSCN & GACCN coaches:

(Which were retrofitted with longitudinal middle berths?)

The work has been completed.

9. vukj{kr dkplads ddku I hVka dk iko/kku Retro fitment of cushioned seats in unreserved coaches:

The work has been completed.

10. okrkupfyr Fkh Vh; j dkplads , 'kYI es inZ dk iko/kku Provision of curtains in aisles of AC3-T coaches:

All AC 3 tier coaches of WCR have been provided with curtains in aisles.

11. V1 ckj g&j dk ekxZ es VWuk En-route breakage of Truss Bar hangers: -

Ekq ds nkgu , ds izj. ka dh I a Total No. of cases during the month	cd vi izj. k %okfero ds vk/kj ij ½ Break up of cases (ownership basis)		LVhy dh Jskh Class of steel Class I ----- Nos. Class III ----- Nos.
	Railway	No. of cases	
00	SWR	00	-
	WCR	00	
	ER	00	

	NCR	00	
	CR	00	
	ECOR	00	
	SC	00	

12. **दृष्ट , M oXu ds dkj.k gbl l e; ikyu gkfu ds ekeys Punctuality loss cases on C&W account:**

S. N.	Cause	Ekq ds n;ku ekeykadh l a No. of cases during the month		
		iR; {k Direct	viR; {k Indirect	
			Coach account	Wagon account
1.	Roller bearing failure / Hot axle	0	0	1
2.	Hanging parts / under gear defects	2	0	0
3.	Brake system defects, wheel flats	3	3	4
4.	Passenger complaints (Watering, pest control etc.)	0	0	0
5.	Train parting / Draw & Buffing gear	0	0	11
6.	Misc. and others	1	2	0
Total		6	8	
Grand Total		14		

13. **i hvk; p dkpkadh xqkoRrk Quality of POH coaches:**

(As per MM's DO No. 2009/M (W)/814/35 safety Pt.d. 22.02.2011.)

Off-POH coaches are being inspected thoroughly on receipt. Amenity deficiencies are noted and these are sent to respective POH workshops in the prescribed feedback form. Representatives are sent to Ajmer to participate in calling in programme meeting in which quality related problems are sorted out.

14. **LoPNrk vfhk; ku Cleanliness Drive:**

The cleaning of coaches of through passing trains was carried out at "Clean Train Station, Itarsi, and Katni" as well as at important stations during their scheduled halts. Coaches were cleaned, as per details below:

Division	Station	No. of trains	No. of coaches cleaned
Bhopal	Itarsi (Clean Train Station)	0*	0*
	Bhopal	368	5384
	Habibganj	197	2981
Jabalpur	Katni (Clean Train Station)	181	3206
WCR		746	11571

*CTS work at ET stopped w.e.f. 21.10.2012.

15. **xkM; kadh LoPNrk gsrq; kf=; kadh jk;**

Passenger opinion for cleanliness of trains:

WCR is having a system of taking customer feedback about the quality of cleanliness on board. During May-2013, detail of customer feedback is as under:-

e.My Division	xkM; kadh l a No of trains	mRd"V@cgr vPNk Excellent / very good	Lrkktud@vPNk Satisfactory / Good	vl rktud@[kjc Unsatisfactory / Bad
Bhopal	04	237	63	NIL

Jabalpur	00	00	00	NIL
Kota	00	00	00	NIL
WCR	04	237	63	NIL
Percentage		79.00%	21.00%	0%

dkp , oa oSkua dsegRo i wK vkj , l i h dk; Z dh orZku fLFkr
Present status of important RSP works for coaches and wagons
(Ref. :- AM(PU) DO No. 2012/M(C)/140/2 dated 02.04.2012.)

vuyXud &X Annexure-X

dl a S.N.	vkj , l i h dk foj . k Description of RSP	Lohdfr o"K Year of sanction	ihch en l a , oa o"K PB item No.& year	iejsdks vkfoVr dy l a Total quantity allotted to WCR	Lohdr ykx Sanctioned cost(`)	dk; ZLFky Place of execution	fu"iknu dk ek; e Mode of execution	ixfr dh fLFkr Progress status(VU)
dkSpk dk; Z Coaching Works								
1	Supply, installation commissioning & maintenance of the microprocessor board display system with GPS in coaches.	2009-10	608 of 11-12 709 of 10-11 1031 of 09-10	150	~ 1.25 Lakh per coach.	JBP, BPL	Store Contract	As per Board's LN.2007/M (C)/202/2 dated:23.09.2011 procurement stopped, since new specification is under finalization by RDSO.
2	Supply, installation commissioning & maintenance of the microprocessor board display system with GPS in coaches.	2010-11	635 of 11-12 1166 of 10-11	200	~ 1.25 Lakh per coach.	JBP, BPL	Store Contract	As per Board's LN.2007/M(C)/202/2 dated:23.09.2011 procurement stopped, since new specification is under finalization by RDSO.
oSkua dk; Z Wagon Works								
1.	Upgradation and Rehabilitation of BOXN wagon using IRSM 44 steel @ 12 lakhs	2011-12	776/PD/11-12(884/10-11)	100	~ 8,58,59,125	WRS/KTT	Departmentally	Work Completed.

		2012-13	806/12-13(776/PD/11-12,(884/10-11)	350	32,60,16842	WRS/KTT	Departmentally	PO issued on 04.02.13 for 350 sets of prefabricated body side/end arrangement with flap doors to N.F. forging Horhaw.DP 15.09.13. Work started.120 sets received.
2	Rebuilding of BOXN wagons for CC+8/CC+ 10	2011-12	789/PD/11-12 (1179/10-11)	300	14,05,13,657	WRS/KTT	Departmentally	PO placed on NS Engineering Kolkata for 300 set side wall and end wall DP 30.06.13. Delivery to be commenced from 26.10.12 but no supply received so far.
		2012-13	819/12-13(789/PD/11-12)	200	11,20,05704	WRS/KTT	Departmentally	Estimate sanctioned on 07.09.2012.PO dated 29.04.13 for 120 sets on M/s Modern Hitech product Kolkatta DP-30.11.13 and PO dated 30.05.13 for 80 sets on M/s Maa Sharda howrah DP-30.11.13.
3	Conversion of BOXN to BOXNHAM	2011-12	779/PD/11-12(886/10-11)	400	4,20,24,972	WRS/KTT	Departmentally	P O 30.12.8089.1.41235 issued on 23.10.2012 for set of spring on GB.Spring ,Dehradun.DP 30.07.13. 498 set of spring loaded side bearer assembly recieved on 19.01.013 from M/s Frontier alloys.
		2012-13	808/12-13(778/PD/11-12, 886/10-11)	200	2,10,40,208	WRS/KTT	Departmentally	Revised Estimate has been sanctioned on 05.12.2012 Vetted indents sent to COS for procurement on 13.02.13..
		2013-14	848/13-14(808/12 13,778/PD/11-12,886/10-11)	400	39002583	WRS/KTT	Departmentally	Estimate sanctioned on 17.04.13.Vetted indents under process at HQ.
4.	Retrofitment of bogie mounted	2010-11	779/PD/11-12(887/PD/ 10-	200	5,10,27,360	WRS/KTT	Departmentally	Tender for BMBS opened on 14.03.2012.190 sets of BMBS

	brake system in air brake wagon @ 2.25 lakhs		11)					received from M/s Knorr Brearmse Faridabad against PO 30.11.8027.1.41182 dated 07.05.12 DP-15.03.13
		2012-13	809/12-13 (779/PD/11-12, 887/PD/10-11)	200	5,16,95,573	WRS/KTT	Departmentally	T C under process
		2013-14	849/13-14(809/12-13, 779/PD/11-12, 887/PD/10-11)	600		WRS/KTT	Departmentally	Vetted indents under process at HQ.
5.	Retrofitment of twin pipe brake system(In BONHL,BCNHL and BVZI)wagons	2011-12	782/PD/11-12	220		WRS/KTT	Departmentally	The work has been transfer to JBP Division vide CWE letter no. WCR.M.G.01.252 Vol-II dated 01.11.12.The work on 220 nos BVZI wagons being carried out by Kota workshop.
		2013-14	852/PD/13-14(812/PD/12-13)	120		WRS/KTT	Departmentally	Estimate has been prepared for the work of 120 nos BVZI wagons under A/C vetting.

