

List of Approved Works Costing Less Than Rupees Two Crore Fifty Lakhs Each
WEST CENTRAL RAILWAY
Rolling Stock Programme for 2017-18

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(Figures in thousands of rupees)

Item No.	Project ID	Particulars of Works	Allocation	Anticipated Cost	Outlay expected to end of 2016-17	Outlay 2017-18	Balance to complete work
A - WORKS IN PROGRESS							
866	16.00.21.07.2. 50.004	Wheel sets with axle box for WAG7 locos Qty. 20 nos. @ Rs. 6 lakhs each. 765/09-10, 839/10-11	DRF	1,20,00	1,15,00	..	5,00
867	16.03.21.09.2. 52.006	TM stator for WAG-9 locos for ELS/TKD - 10 nos @ Rs. 12.64 lakhs. 790/09-10, 864/10-11	DRF	1,26,40	6,41	..	1,19,99
868	16.02.21.12.2. 51.040	Stiffer Cam Shaft Conversion kit for DSL/NKJ, Qty 5 nos. 881/12-13, 957/13-14, 918/14-15, 981/15-16, 844/16-17	DRF	36,87	36,87	..	..
869	16.01.21.16.2. 50.048	Traction Motor 4907 BZ /12080214 Qty 4 nos for DSL/ET, 923/16-17	Cap.	82,60	..	82,59	1
870	16.01.21.16.2. 50.053	Air Compressor water cooled (WDP4B)/ 17480012 Qty 03 nos for DSL/ET, 935/16-17	Cap.	16,88	..	16,87	1
Locomotives							
871	16.03.21.07.2. 52.001	Motorised bogie for WAG7 locos Qty. 01 no. @ Rs.107 lakhs (253/07-08), 764/09-10, 838/10-11, 842/11-12, 855/12-13	Cap.	1,07,00	80,00	..	27,00
Locomotives							
872	16.00.21.07.2. 51.003	Wheel sets with axle box for WAG7 locos Qty. 20 nos. @ Rs. 6 lakhs each. 254/07-08, 765/09-10, 839/10-11, 837/11-12, 856/12-13	DRF	1,20,00	90,00	..	30,00
Locomotives							
873	16.01.21.09.2. 50.011	Complete Power Pack with Turbo Super charger & Traction Alternator for DSL/ET qty- 01 no. WCR-NA/01 (09-10), 844/11-12	Cap.	1,12,82	50	..	1,12,32
Locomotives							
874	16.03.21.09.2. 52.015	Co Co bogie for WAG-5 loco for ELS/TKD. 18 Nos @12.2 lakh each 774/09-10, 848/10-11, 836/11-12	DRF	2,19,60	1	..	2,19,59
Locomotives							
875	16.02.21.12.2. 51.024	Wheel set assembly with axle box high speed WDG 3A roller type and traction motor 4907 without bogie frame for DSL/NKJ, Qty-12 Sets (02 locos), 963/13-14	DRF	1,85,16	..	..	1,85,16
Locomotives							
876	16.02.21.12.2. 51.034	Traction motor type 4907 BZ with pinion (GR-18:74) of M/s BHEL for DSL/NKJ Qty 6 nos. 874/12-13, 964/13-14, 924/14-15.	Cap.	1,70,74	..	..	1,70,74
Locomotives							
877	16.01.21.12.2. 50.015	Motorized wheel set (06 sets) complete assembly for WDP-4 for DSL/ET Qty 01 Complete assly. (06 Sets) 875/12-13, 965/13-14, 925/14-15, 988/15-16. 851/16-17.	Cap.	2,06,21	..	51,56	1,54,65
A - WORKS IN PROGRESS							
Locomotives							

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878	16.02.21.15.1.00.029	Traction Alternator Assembly for WDG4 to DLW Pt. No. 18020010 ((EMD (WDG4) loco part), Qty 01 no. for DSL/NKJ, 1054/15-16, 852/16-17	Cap.	1,65,42	83,15	..	82,27
		Locomotives					
879	16.01.21.15.1.00.048	Mechanical Bonded Radiator Assembly RS11457200, LS-11457211, 8 Rows Core ASM) /11458227.Qty 20 loco sets for DSL/ET, 1039/15-16, 853/16-17	RRSK	2,45,40	..	48,90	1,96,50
		Locomotives					
880	16.01.21.15.1.00.045	Traction Alternator (10102EV) complete with Aux Exciter (AG3101AY-1) /12022240 Qty 1 no. for DSL/ET, 1040/15-16, 854/16-17,	Cap.	1,06,60	..	10,70	95,90
		Locomotives					
881	16.01.21.15.1.00.046	Crank Case Machined Assembly for WDP-4B /16020017 Qty 01 no for DSL/ET, 1053/15-16, 855/16-17	RRSK	1,47,10	..	14,70	1,32,40
		Locomotives					
882	16.01.21.16.2.50.049	AC 3 ph traction Motor/18080017 Qty 3 nos for DSL/ET, 924/16-17	Cap.	1,02,59	..	1,02,57	2
		Locomotives					
883	16.01.21.16.2.50.062	MTA-P4B-4500-Front /17022265 Qty 01 no for DSL/ET, 925/16-17	RRSK	1,62,65	..	1,62,64	1
		Locomotives					
884	16.01.21.16.2.50.063	MTA-P4B-4500- Rear /17022277 Qty 1 no. for DSL/ET, 926/16-17	RRSK	1,62,65	..	1,62,64	1
		Locomotives					
885	16.01.21.16.2.50.051	Traction Alternator (10102EV) complete with Aux Exciter (AG3101AY-1) /12022240 Qty 1 no. for DSL/ET, 929/16-17	Cap.	1,06,60	..	1,06,59	1
		Locomotives					
886	16.02.21.16.4.51.002	Traction Motor for WDG4 to DLW Pt. no. 18080017, Qty 02 nos for DSL/NKJ, 946/16-17	Cap.	1,02,08	..	90,94	11,14
		Locomotives					
887	16.01.21.13.2.50.015	High efficiency Turbo Supercharger make 3100/3300 HP Qty 2 nos. for DSL/ET, 992/13-14, 939/14-15, 1002/15-16, 863/16-17.	RRSK	25,68	..	6,43	19,25
		Locomotives					
888	16.02.21.13.2.51.006	Vertical DBR complete with AC MVRF as per Specification No. ELRS/SPEC/ DBR/ 0028 Rev (0) or latest for Elect locos Qty 05 nos @ Rs. 8.6 Lakhs each for ELS/NKJ, 994/13-14, 941/14-15, 1004/15-16, 865/16-17	RRSK	43,00	43,00	..	..
		Locomotives					
889	16.01.21.14.2.00.032	WW Governor Model No.F 8572-828 for WDP4B, Qty 01 no for DSL/ET, 950/14-15, 1007/15-16	Cap.	7,68	..	..	7,68
		Locomotives					
890	16.01.21.14.2.00.033	Ecotip Super stack Injector WDP4B /Part no.	RRSK	6,72	..	1,72	5,00

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	00.038	16241186, Qty 16 nos for DSL/ET, 951/14-15, 1008/15-16, 867/16-17.					
		Locomotives					
891	16.01.21.14.2. 00.034	Dynamic Braking Grid Resistors for WDP4B, Qty 01 loco set /(Part no. 10634215 -6 Nos & Part no.10634216-2 Nos.) for DSL/ET, 954/14-15, 1011/15-16, 870/16-17.	Cap.	11,62	..	2,92	8,70
		Locomotives					
892	16.01.21.14.2. 00.037	Radiator Cooling Fan Assembly (WDP4B)/Part no.17450391, Qty 01 no. for DSL/ET, 955/14-15, 871/16-17.	Cap.	4,31	..	1,07	3,24
		Locomotives					
893	16.01.21.14.2. 00.035	Crank Shaft (WDP4B)/16140163, Qty 01 no. for DSL/ET, 956/14-15, 1013/15-16, 872/16-17.	Cap.	23,39	..	6,59	16,80
		Locomotives					
894	16.01.21.14.2. 00.036	Aux. machine type 3101 AY1, Qty 02 nos for DSL/ET, 957/14-15, 1014/15-16, 873/16-17.	Cap.	12,05	..	2,40	9,65
		Locomotives					
895	16.01.21.14.2. 00.039	Micro Controller based Electronic Speed Indicating Recording system Type MRT 918 (Paperless Type) confirming to RDSO Spec. No.MPO.3700.07(Rev.05) August 2008. Qty 5 sets for DSL/ET, 958/14-15, 1015/15-16, 874/16-17.	DRF	7,18	..	..	7,18
		Locomotives					
896	16.02.21.14.2. 00.050	Turbo supercharger for WDG4 Qty 01 no for DSL/NKJ, 959/14-15, 1016/15-16, 875/16-17	Cap.	49,85	3,00	..	46,85
		Locomotives					
897	16.02.21.14.2. 00.046	Air Compressor for WDG4, EMD Part No. 40017843 / DLW Part No. 17480012 Qty 01 no for DSL/NKJ, 960/14-15, 1017/15-16.	Cap.	9,85	8,87	..	98
		Locomotives					
898	16.02.21.14.2. 00.048	Radiator Assembly Set (consisting of Radiator to EMD pt. no. 10631855 for right side and to EMD pt no. 10631856 for left side and to DLW pt. no. 17455017) Qty 01 no For DSL/NKJ, 961/14-15, 1018/15-16.	Cap.	2,19	..	..	2,19
		Locomotives					
899	16.02.21.14.2. 00.051	Governor Assembly Engine to EMD pt. no. 40041389/ DLW pt no. 16340012 Qty 01 no for DSL/NKJ, 962/14-15, 1019/15-16, 878/16-17.	Cap.	8,04	..	..	8,04
		Locomotives					
900	16.02.21.14.2. 00.061	Radiator cooling Fan Assembly to EMD part no. 10632019, DLW part no. 17450391 Qty 01 no for DSL/NKJ, 963/14-15, 1020/15-16, 879/16-17	Cap.	6,20	..	6,20	..

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		Locomotives					
901	16.02.21.14.2.00.062	Dynamic blower Motor with Fan Assembly To EMD pt. no.9518890, Qty 01 no for DSL/NKJ, 964/14-15, 1021/15-16, 880/16-17	Cap.	4,23	..	4,23	..
		Locomotives					
902	16.02.21.14.2.00.049	Auxiliary Alternator Assembly 18 KW 55 volts to EMD pt. no. 22089886 & DLW pt no. 18040020, Qty 01 no for DSL/NKJ 965/14-15, 1022/15-16	Cap.	5,44	4,90	..	54
		Locomotives					
903	16.02.21.14.2.00.054	Power Assembly Fork Rod to EMD pt. no. 40028370 & DLW pt no. 16350017, Qty 04 no for DSL/NKJ, 966/14-15, 1023/15-16, 882/16-17	Cap.	12,36	..	..	12,36
		Locomotives					
904	16.02.21.14.2.00.055	Power Assembly Blade Rod to EMD pt. no. 40028372 & DLW pt no. 16350029 Qty 04 nos for DSL/NKJ, 967/14-15, 1024/15-16, 883/16-17	Cap.	12,34	..	..	12,34
		Locomotives					
905	16.02.21.14.2.00.056	Wheel set Assembly Without Traction Motor Qty 01 set for DSL/NKJ, 968/14-15, 1025/15-16, 884/16-17	Cap.	43,86	..	..	43,86
		Locomotives					
906	16.02.21.14.2.00.063	Lube oil cooler assembly Qty 02 nos for DSL/NKJ, 969/14-15, 1026/15-16, 885/16-17	Cap.	12,11	..	43	11,68
		Locomotives					
907	16.02.21.14.2.00.058	After cooler assembly Qty 02 nos for DSL/NKJ, 970/14-15, 1027/15-16, 886/16-17	Cap.	1,55	..	..	1,55
		Locomotives					
908	16.02.21.14.2.00.064	Roof Mounted Forced cooled DBR with fan assembly' (Consists of Six no. Resistors, Dynamic blower motor with fan assembly), Qty 01 no for DSL/NKJ. 971/14-15, 1028/15-16, 887/16-17	Cap.	12,46	5,80	29	6,37
		Locomotives					
909	16.02.21.14.2.00.044	Alternator Mounted Rectifier with 36 Diodes & Fuses to BHEL Drg. No. 26670500102, Qty 01 no for DSL/NKJ, 972/14-15, 1029/15-16	DRF	13,81	..	..	13,81
		Locomotives					
910	16.02.21.14.2.00.065	Vertical DBR complete with AC MVRF as per Spec No. ELRS/SPEC/ DBR/ 0028/ Rev (0) or latest for ELS/NKJ- Qty 06 nos @ Rs. 7.47 lakh each, 974/14-15, 1031/15-16, 890/16-17	RRSK	45,43	35,35	9,47	61
		Locomotives					
911	16.02.21.15.1.00.030	Kit for Radiator Assembly to DLW pt. no. 17455017 ((EMD (WDG4) loco part) Qty 01 no. for DSL/NKJ, 1055/15-16, 891/16-17	Cap.	14,55	14,55
		Locomotives					

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912	16.02.21.15.1.00.031	54" Radiator cooling Fan to DLW pt. no. 18090023 ((EMD (WDG4) loco part), Qty 01 no. for DSL/NKJ, 1056/15-16, 892/16-17 Locomotives	Cap.	5,60	5,60
913	16.01.21.15.1.00.044	Air Compressor (WDP4B)/17480012 Qty 2 nos. for DSL/ET, 1041/15-16, 893/16-17 Locomotives	Cap.	19,36	..	1,96	17,40
914	16.01.21.15.1.00.037	DB Grid Fan Assembly (WDP4B)/ 17451759 Qty 1 no. for DSL/ET, 1042/15-16, 894/16-17 Locomotives	Cap.	4,07	..	..	4,07
915	16.01.21.15.1.00.038	MTA-P4B-4500-Front & Rear /17022265,17022277 Qty 1 ^{DRF} no. for DSL/ET, 1043/15-16, 895/16-17 Locomotives	Cap.	3,24	..	34	2,90
916	16.00.21.15.1.00.001	Radiator Cooling Fan Assembly (WDP4B)/18090023 Qty 1 no. for DSL/ET, 896/16-17. Locomotives	Cap.	4,31	..	43	3,88
917	16.01.21.15.1.00.039	Crank Shaft (WDP4B)/16140163 Qty 1 no. for DSL/ET, 1044/15-16, 897/16-17 Locomotives	Cap.	30,45	..	3,00	27,45
918	16.01.21.15.1.00.040	Governor Booster Pump/16241526 Qty 2 nos. for DSL/ET, 1045/15-16, 898/16-17 Locomotives	Cap.	1,34	..	69	65
919	16.01.21.15.1.00.041	Dust Bin Blower Assembly/17050042 Qty 2 no. for DSL/ET, 1046-15-16, 899/16-17 Locomotives	Cap.	8,60	..	85	7,75
920	16.01.21.15.1.00.049	3CD Upgraded Air Compressor/ 11487501 Qty 01 no.for DSL/ET, 1047/15-16, 900/16-17 Locomotives	RRSK	4,41	..	36	4,05
921	16.01.21.15.1.00.050	Alternator mounted Rectifier, BHEL Drg No.26670500102 Qty 1 no. for DSL/ET, 1048/15-16, 901/16-17 Locomotives	RRSK	13,81	..	1,36	12,45
922	16.01.21.15.1.00.042	Traction Motor 4907 BZ /12080214 Qty 02 nos. for DSL/ET, 1049/15-16, 902/16-17 Locomotives	Cap.	41,30	..	4,10	37,20
923	16.01.21.15.1.00.043	Traction Motor Light Weight 5002BY/12080287 Qty 1 no. for DSL/ET, 1050/15-16, 903/16-17 Locomotives	Cap.	26,49	..	2,64	23,85
924	16.01.21.15.1.00.052	Single Entry Mani fold TSC Conversion Kit (A set of two items) 1. Nozzle Ring for TPR-61TSC ABB part No 56001& Spec. as per RDSO modification sheet no. MP.MOD-EN-07-30-09Rev.0. 00 dt 21.10.09 to ABB partNo.56001. 2. Gas Inlet casing for Locomotives	RRSK	47,71	..	4,76	42,95

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925	16.02.21.15.1. 51.033	180 KVA static converters for conv. Locos for ELS/NKJ – 02 nos @Rs.20.17 lac each. 1065/15-16, 905/16-17 Locomotives	RRSK	48,60	48,60
926	16.02.21.15.1. 51.032	Tri-plate panel complete for elect. Locos for ELS/NKJ- 02 nos @Rs.7.06 lac each.1066/15-16, 906/16-17 Locomotives	Cap.	14,12	14,12	..	..
927	16.02.21.15.1. 00.034	Vertical DBR complete with AC MVRF as per Spec. no. ELRS /SPEC /DBR / 0028 Rev. '0' or latest for ELS/NKJ- 06 nos @Rs.8.25 lac each, 1057/15-16, 907/16-17 Locomotives	DRF	49,50	49,50	..	..
928	16.02.21.15.1. 00.042	Rectifier assemblies (SCD) for Siemens make SIV as per part no 100776417 for ELS/NKJ. -01 no. @ Rs.6.33 lac each.1058/15-16, 908/16-17 Locomotives	RRSK	9,60	..	9,60	..
929	16.02.21.15.1. 00.036	Fabricated bogie frame assembly for WAG7 locos for ELS/NKJ-04 nos @ Rs. 8.98 Lac 1059/15-16, , 909/16-17 Locomotives	DF(3)	35,92	27,20	1	8,71
930	16.02.21.15.1. 00.037	AC damping board (RCAPTFP) complete with ICRA make capacitor(MSR series) or similar for ELS/NKJ- 80 nos @Rs.0.37 lac 1060/15-16, 910/16-17 Locomotives	DF(3)	29,60	28,00	1	1,59
931	16.02.21.16.2. 51.025	Stiffer Cam Shaft Conversion Kit Qty 04 nos. for DSL/NKJ, 921/16-17 Locomotives	RRSK	37,12	..	37,11	1
932	16.02.21.16.2. 51.022	Traction Motor Type 4907 BZ with pinion (GR-18:74) Qty 02 nos. for DSL/NKJ, ,922/16-17 Locomotives	Cap.	65,04	..	65,03	1
933	16.01.21.16.2. 50.050	Traction Motor Light Weight 5002BY/12080287 Qty 02 nos for DSL/ET, 927/16-17 Locomotives	Cap.	66,59	..	66,58	1
934	16.01.21.16.2. 50.064	Air Manifold Fins to Drg No TPL3226 Alt-D to DMW PL No 11567004 Qty 02 nos for DSL/ET, 928/16-17 Locomotives	RRSK	29,00	..	28	28,72
935	16.01.21.16.2. 50.052	Turbo Super Charger 3100/33000 HP GE, with adaption Kit Qty 01 no for DSL/ET, 930/16-17 Locomotives	Cap.	17,01	..	17,00	1
936	16.01.21.16.2. 50.065	After Cooler Finned Assembly/ 17452193 Qty 01 nos for DSL/ET, 931/16-17 Locomotives	RRSK	26,00	..	25	25,75
937	16.01.21.16.2. 50.066	Single Entry Mani fold TSC Conversion Kit (A set	RRSK	44,72	..	44,71	1

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	50.066	of two items)- (i) Nozzle Ring for TPR-61TSC ABB part No56001& Spec. as per RDSO modification sheet no. MP.MOD-EN-07-30-09Rev.0. 00 dt 21.10.09 to ABB partNo.56001.(ii)Gas Inlet casing for TPR-61TSC					
		Locomotives					
938	16.01.21.16.2.50.067	Roof Mounted Forced Cooled DBR Hatch Assly to Spec/Drg:-SKDL-4699 Qty 01 set for DSL/ET, 933/16-17	RRSK	10,98	..	10,97	1
		Locomotives					
939	16.01.21.16.2.00.068	Dynamic Brake Assembly/18000058 Qty 1 nos for DSL/ET, 934/16-17	RRSK	14,10	..	14,08	2
		Locomotives					
940	16.01.21.16.2.50.069	Alternator mounted Rectifier, BHEL Drg. No.26670500102, Qty 01 no for DSL/ET, 936/16-17	RRSK	11,70	..	11,69	1
		Locomotives					
941	16.01.21.16.2.50.054	Dust Bin Blower Assembly/17050042, Qty 2 nos for DSL/ET, 937/16-17	Cap.	8,60	..	90	7,70
		Locomotives					
942	16.01.21.16.2.50.058	Lube Oil Cooler Assembly/17050534, Qty 02 nos for DSL/ET, 938/16-17	Cap.	5,89	..	5,68	21
		Locomotives					
943	16.01.21.16.2.50.056	Traction Motor Blower Assembly/ 17051253, Qty 02 nos for DSL/ET, 939/16-17	Cap.	5,69	..	5,68	1
		Locomotives					
944	16.01.21.16.2.50.059	54" Radiator Cooling Fan (WDP4B)/ 18090023 Qty 01 no for DSL/ET, 940/16-17	Cap.	5,31	..	5,30	1
		Locomotives					
945	16.01.21.16.1.50.001	Panel Mounted IRAB-1 pure Air Brake System.DMW PL No 11664733 Qty 01 no for DSL/ET, 941/16-17	Cap.	5,59	..	5,58	1
		Locomotives					
946	16.01.21.16.2.50.060	Dynamic Braking Grid Fan Assembly (WDP4B)/ 17451759 Qty 01 no for DSL/ET, 942/16-17	Cap.	4,23	..	4,22	1
		Locomotives					
947	16.01.21.16.2.50.070	Centrifugal Lube Oil Cleaner/ 10244372 Qty 10 nos for DSL/ET, 943/16-17	DRF	2,65	..	2,64	1
		Locomotives					
948	16.01.21.16.2.50.061	Governor Booster Pump/16241526 Qty 02 nos for DSL/ET, 944/16-17	Cap.	1,34	..	1,33	1
		Locomotives					
949	16.02.21.16.2.51.014	Mechanical Bonded Radiator Core Qty 02 sets for DSL/NKJ	DRF	24,54	..	..	24,54
		Locomotives					
950	16.01.21.16.2.12.072	Procurement of Fabricated Bolster for WAP-4 locos Qty 10 nos for ELS/ET @ Rs. 3.64 lacs each,	RRSK	36,40	..	36,38	2

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949/16-17							
951	16.01.21.16.2.51.074	Locomotives Procurement of compact design up rated Silicon rectifier block for ELS/ET Qty 03 nos @Rs. 15.75 lacs each, 950/16-17	RRSK	47,25	..	47,25	..
952	16.01.21.16.2.50.071	Locomotives Procurement of Traction Motor Hitachi for WAP-4 Locos for ELS/ET, Qty 02 nos @ Rs. 20.86 lacs each, 951/16-17	Cap.	41,72	..	41,71	1
953	16.02.21.16.2.51.026	Locomotives AC Damping Board (RCAPTFP) complete with ICRA make capacitor (MSR Series) or similar for ELS/NKJ, Qty 34 nos @ Rs. 0.37 lacs each, 952/16-17	RRSK	12,58	..	12,27	31
954	16.02.21.16.2.51.027	Locomotives Vertical DBR complete with AC MVRF as per Specification No. ELRS/SPEC /DBR/ 0028 Rev (0) or latest for ELS/NKJ, Qty 06 nos @ Rs. 8.32 lacs each, 953/16-17	RRSK	49,92	..	49,91	1
955	16.03.21.16.2.52.007	Locomotives Procurement of Uprated Silicon Rectifier Blocks for ELS/TKD, Qty 03 sets @ Rs. 15.75 lacs each, 954/16-17	RRSK	51,37	..	47,24	4,13
956	16.02.21.16.2.51.015	Locomotives Roof Mounted Forced cooled DBR with fan assembly (consists of six no. Resistors, Dynamic blower motor with fan assembly) Qty 02 sets for DSL/NKJ	DRF	24,92	..	..	24,92
957	16.02.21.16.2.51.023	Locomotives Wheel Set assembly without traction Motor for HHP loco, Qty 06 sets (for 1 loco) for DSL/NKJ, 947/16-17	Cap.	50,10	..	50,09	1
958	16.03.21.12.2.52.010	Carriages Spare equipment for POH facility for Tower Wagon of WCR in Kota division. (Diesel Engine Qty-02 nos , Transmission system 01 no , Traction motor CGL make Qty 1 no., Traction motor BHEL make Qty 2 nos. & Pentographs Qty 2 nos.) for TRD/KTT Qty 8	Cap.	1,74,22	1,66,66	..	7,56
959	16.02.21.10.2.51.001	Carriages Conversion of 03 coaches into 03 high capacity material delivery vans for JBP Division Qty.-3 nos. Rs. 14.2 Lakhs. (WCR LB no. 875 of 10-11, 858/11-12, 986/13-14, 945/14-15, 1033/15-16, 912/16-17	RRSK	45,65	20,85	15,22	9,58
960	16.02.21.15.1.00.040	Carriages Conversion of 02 Nos. coaching Stock into ART/ARMV stock for JBP Divn. 1061/15-16,913/16-17	RRSK	26,00	..	26,00	..

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Item No.	Project ID	Particulars of Works	Allocation	Anticipated Cost	Outlay expected to end of 2016-17	Outlay 2017-18	Balance to complete work
961	16.01.21.15.1.00.053	Carriages Conversion of 02 Nos. coaching Stock into ART/ARMV stock for BPL Divn 1052/15-16, 914/16-17	RRSK	29,12	14,56	14,56	..
962	16.02.21.15.1.00.039	Carriages Replacement of 25KVA inverter in roof mounted package unit for JBP Div/Elect.-6 nos. 1062/15-16, 915/16-17	Cap.	32,50	32,50	..	..
963	16.02.21.15.1.00.043	Carriages Replacement of AC package unit in AC coaches for JBP Div/ Elect.-7 Nos, 1063/15-16, 916/16-17	RRSK	47,46	45,09	2,37	..
964	16.02.21.15.1.00.038	Carriages Replacement of 800 AH VRLA Battery by 1100 AH Battery for JBP Div/ Elect.-3 Nos. 1064/15-16, 917/16-17	Cap.	35,54	35,54	..	..
965	16.02.21.16.2.51.033	Carriages Replacement of AC package unit in AC coaches for JBP Div/Elect, Qty 06 nos. 956/16-17	RRSK	44,66	..	44,28	38
966	16.02.21.16.2.51.030	Carriages Replacement of 25 KVA inverter in Roof mounted package unit, Qty 07 nos for JBP Div/Elect. 957/16-17	RRSK	47,77	..	47,76	1
967	16.02.21.16.2.51.031	Carriages Replacement of 800AH VRLA battery by 1100 AH battery in Balance conventional coaches, Qty 4 nos for JBP Div/Elect 958/16-17	RRSK	45,59	..	45,58	1
968	16.02.21.11.3.51.001	Wagons CASNUB (HS M1 22.9 t) trolley assembled with CTRB. ROH/NKJ, Qty- 17 nos. 863/11-12, 987/13-14,947/14-15, 1035/15-16, 918/16-17	RRSK	48,96	..	48,95	1
		TOTAL-WORKS IN PROGRESS	Cap.	..	..	7,68,72	..
			DRF	..	..	2,98	..
			DF(3)	..	..	2	..
			RRSK	..	..	9,79,44	..
		B - NEW WORKS					
969	16.01.21.17.2.50.002	Locomotives MTA-P4B-4500-Front /17022265 Qty 01 no for DSL/ET	RRSK	1,62,65	..	1	1,62,64
970	16.01.21.17.2.50.003	Locomotives MTA-P4B-4500- Rear /17022277 Qty 1 no. for DSL/ET	RRSK	1,62,65	..	1	1,62,64
971	16.03.21.17.2.52.001	Locomotives Set of Spare for ABB make IGBT Traction Converters of 3 phase locomotives, Qty 01 set @ Rs. 222.6 lakhs each for TRS/TKD	DF(3)	2,22,60	..	1	2,22,59
		Locomotives					

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Item No.	Project ID	Particulars of Works	Allocation	Anticipated Cost	Outlay expected to end of 2016-17	Outlay 2017-18	Balance to complete work
972	16.03.21.17.2.00.002	Set of Spare for BHEL make IGBT Auxiliary Converter of 3 phase locomotives, Qty 01 set @ Rs. 136.76 lakhs each for TRS/TKD	DF(3)	1,36,76	..	1	1,36,75
		Locomotives					
973	16.03.21.17.2.52.003	Set of Spare for BHEL make IGBT Traction Converters of 3 phase locomotives Qty 01 set @ Rs. 122.20 lakhs each for TRS/TKD	DF(3)	1,22,20	..	1	1,22,19
		Locomotives					
974	16.03.21.17.2.52.005	Procurement of 180 KVA Static Converter for electric loco, Qty 06 nos @ Rs. 24.95 lakhs each for TRS/TKD	RRSK	1,49,70	..	1	1,49,69
		Locomotives					
975	16.01.21.11.2.50.001	Wheel Set WDP4D, DLW pt No.17230160 Qty 06 nos for DSL/ET	RRSK	18,30	..	1	18,29
		Locomotives					
976	16.01.21.11.2.50.002	Fuel Oil tank Assembly (6000 litre capacity), Part No.11532348, Qty 01 no for DSL/ET.	Cap.	2,01	..	1	2,00
		Locomotives					
977	16.02.21.17.1.51.003	Modified Single entry exhaust manifold for ABB TPR-61 Turbo as per RDSO drg SK. DP-4106, Qty 10 nos for DSL/NKJ	RRSK	8,79	..	1	8,78
		Locomotives					
978	16.02.21.17.2.51.003	Governor Assembly Engine to EMD pt. no. 40041389/ DLW pt no. 16340012, Qty 01 nos for DSL/NKJ	RRSK	8,04	..	1	8,03
		Locomotives					
979	16.02.21.17.2.51.002	Controller Assembly Dynamic Brake to EMD pt. no. 40055299,. DLW pt.no. 17050455 for HHP (WDG4) locomotives Qty 04 Nos. (02 loco sets) for DSL/NKJ	RRSK	7,16	..	1	7,15
		Locomotives					
980	16.02.21.17.2.51.006	Dynamic Braking Grid, Resistor Fan Tap & Non Fan Tap consisting of 52 items to pt. no 18011378" for HHP (WDG4) Locomotives, Qty 01 sets for DSL/NKJ	RRSK	7,23	..	1	7,22
		Locomotives					
981	16.00.21.17.2.50.001	AC 3 ph traction Motor/18080017 Qty 2 nos for DSL/ET	Cap.	57,65	..	1	57,64
		Locomotives					
982	16.01.21.17.2.00.004	Kit for Compact Modular Micro processor Controlled Brake System. DLW pt No.17455674, Qty 01 no for DSL/ET	Cap.	29,85	..	1	29,84
		Locomotives					
983	16.01.21.17.2.50.005	Dynamic Brake Assembly/18000058 Qty 01 no for DSL/ET	RRSK	16,10	..	1	16,09
		Locomotives					
984	16.01.21.17.2.50.006	Dynamic Braking Grid, Fan Tap & non Fan Tap, DLW	RRSK	7,94	..	1	7,93

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		Pt No.18011378, Qty 01 no for DSL/ET					
		Locomotives					
985	16.01.21.17.2.50.007	Controller Assembly Dynamic, DLW pt No.17050455, Qty 02 nos for DSL/ET	RRSK	3,02	..	1	3,01
		Locomotives					
986	16.01.21.17.1.50.002	Centrifugal Lube Oil Cleaner, Part No.10244372, Qty 10 nos for DSL/ET	RRSK	2,22	..	1	2,21
		Locomotives					
987	16.01.21.17.2.50.008	Air Reservoir Assembly , part No.11663522, Qty 06 nos for DSL/ET	RRSK	79	..	1	78
		Locomotives					
988	16.01.21.17.2.50.009	Pilot & Pilot Support Assembly, part No.11891464, Qty 10 nos for DSL/ET	RRSK	1,81	..	1	1,80
		Locomotives					
989	16.01.21.17.2.50.010	Fuel Oil tank Assembly (5000 litre capacity), Part No.1703343, Qty 02 nos for DSL/ET	Cap.	3,27	..	1	3,26
		Locomotives					
990	16.01.21.17.2.50.011	Bogie Frame Arrangement (without equalizer beam), part No 11520760, Qty 02 nos for DSL/ET	RRSK	12,87	..	1	12,86
		Locomotives					
991	16.01.21.17.2.50.012	Brake Rigging Kit, Part No.11520334, Qty 10 nos for DSL/ET	RRSK	8,32	..	1	8,31
		Locomotives					
992	16.01.21.17.2.00.013	Turbo Super Charger 3100/33000 HP GE with adaption Kit, Qty 02 nos for DSL/ET	Cap.	33,48	..	1	33,47
		Locomotives					
993	16.01.21.17.2.50.014	Centre Block Assembly for WDG3A/WDM3D loco. DLW part No.11026169, Qty 70 nos for DSL/ET	RRSK	9,31	..	1	9,30
		Locomotives					
994	16.01.21.17.2.50.015	Micro Controller based Electronic Speed Indicating Recording System type MRT 918 (Paperless type) or equivalent , confirming to RDSO Spec. No.MPO.3700.07(Rev.05) August 2008. Each set consisting of following items. 1.	RRSK	14,94	..	1	14,93
		Locomotives					
995	16.01.21.17.2.50.016	Turbo with adaption kit for WDS6 loco. Part No.10083704, Qty 01 no for DSL/ET	Cap.	23,00	..	1	22,99
		Locomotives					
996	16.01.21.17.2.50.017	Penal Radiator, Part No.1420236 for WDS6, Qty 01 no for DSL/ET	RRSK	1,19	..	1	1,18
		Locomotives					
997	16.01.21.17.2.50.018	Front Traction Motor Blower, DLW part No.11664940	RRSK	60	..	1	59

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Item No.	Project ID	Particulars of Works	Allocation	Anticipated Cost	Outlay expected to end of 2016-17	Outlay 2017-18	Balance to complete work
	50.018	Qty 01 no for DSL/ET					
		Locomotives					
998	16.01.21.17.2. 50.019	Rear Traction Motor Blower, DLW part No.11055870, Qty 01 no for DSL/ET	RRSK	60	..	1	59
		Locomotives					
999	16.02.21.17.2. 51.007	LED based locomotive warning light system for electric locos type 'E' as per RDSO specification no. ELRS/ SPEC/ LFL/0017 (REV.1) dt.16/09/2004. Qty 68 nos @ 0.18 lakh each for TRS/NKJ	RRSK	12,24	..	1	12,23
		Locomotives					
1000	16.02.21.17.2. 51.008	Supply & commissioning of micro processor based control & fault Diagnostic system with remote monitoring and analysis feature for 25 KV Electric locomotives Qty 05 nos @ 19.16 lakhs each for TRS/NKJ	Cap.	95,80	..	1	95,79
		Locomotives					
1001	16.02.21.17.2. 51.009	Set of DI / DU Relay complete Qty 10 sets @6.03 lakhs per set for TRS/NKJ	RRSK	60,33	..	1	60,32
		Locomotives					
1002	16.01.21.17.2. 50.020	Procurement of Bolster for WAP-4 Locos, Qty 05 nos @3.64 lakhs each for TRS/ET	RRSK	18,20	..	1	18,19
		Locomotives					
1003	16.01.21.17.2. 50.021	Procurement of set of Auxilliary motors, Qty 90 nos @ Rs. 0.549 lakh each for TRS/ET	RRSK	49,43	..	1	49,42
		Locomotives					
1004	16.01.21.17.2. 50.022	Procurement of Flexi Bogie frame coil with brake rigging arrangement for WAP-4 locos, Qty 02 nos @ Rs. 22.45 lakhs each for TRS/ET	Cap.	44,91	..	1	44,90
		Locomotives					
1005	16.01.21.17.2. 50.023	Procurement of Pneumatic Tri plate panel, Qty 02 nos @ Rs. 6.17 lakhs each for TRS/ET	Cap.	12,34	..	1	12,33
		Locomotives					
1006	16.03.21.17.2. 52.004	Procurement of Uprated Silicon Rectifier blocks, Qty 5 Sets @ Rs. 15.75 lakhs each for TRS/TKD	RRSK	78,75	..	1	78,74
		Locomotives					
1007	16.03.21.17.2. 52.006	Rehabilitation of PCB cards for 3 phase loco. Qty 04 sets @ Rs. 13.35 lakhs each for TRS/TKD	RRSK	53,41	..	1	53,40
		Carriages					
1008	16.02.21.17.2. 51.010	Conversion of coach into high capacity material delivery van, Qty 01 nos for JBP Div.	RRSK	25,90	..	1	25,89
		Wagons					
1009	16.05.21.17.2. 72.001	Coupler Body with Shank wear plate Qty 100 nos. for WRS/Kota	RRSK	29,78	..	1	29,77

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		TOTAL-NEW WORKS	Cap.	9	..
			DF(3)	3	..
			RRSK	29	..
		TOTAL-Rolling Stock	Cap.	7,68,81	..
			DRF	2,98	..
			DF(3)	5	..
			RRSK	9,79,73	..