

PROJECT AND ACTIVITIES
Important Contract Finalised In Last Four Years(2017-2021)

SL.No.	Name of Work(Year of Coverage)	Directorate	Purpose
1	Supply, Installation and Commissioning of One time Upgrade of existing two licenses of Hypermesh Software (Pre-processing tool) to the latest version with warranty for three years as per attached Specification. Make:- ALTAIR (JUNE-21)	CARRIAGE	Development of new car body structure as well as modification in the design of existing rolling stock
2	Supply, Installation And Commissioning Of Compact Light Weight Data Acquisition System With Accessories And Connecting Cables.(As Per Attached Technical Document No: TST /TC/DAQ/2020 Dated 19.06.202 (May-2021)	TESTING	Data Acquisition System
3	Supply, Installation and Commissioning of Optical Displacement sensors (Range 50 mm) as per Item no.1 of attached technical document no RM2/D1/Part-IV, Dated 10.08.2020 Make:- MICRO EPSILON, (APRIL-2021)	TESTING	To be used in field trials of oscillograph car for acquiring data for evaluation of ride characteristics and other related parameters
4	Supply, Installation and Commissioning of software for virtual validation of running characteristics of Rail vehicle Systems as per Standard EN 14363:2016, and Evaluation of mean and Continuous comfort indices as per EN 12299:2009 as per attached Technical Specification of Software & Hardware Make/Brand:- DASSAULT SYSTEMS (JUNE-2021)	TESTING	Analysing Rail vehicle safety and performance
5	Supply, Installation & Commissioning of Siemens NX Software Bundles and the specified hardware along with Training DEC-20)	UTHS	
6	Supply , Installation and Commissioning including CAMC of 5 years of "Hydraulic BOOM Crane -2 T" (As per attached Specification no. No.: TST-3/GL-30/UIC-518/Execution part-I, Dated: 06.01.2020), (NOV-2020)	TSTING	For Lab Use
7	Supply Installation and Commissioning including CAMC For 5 Years of Mini Prof Rail (Rail profile measurement system) & Mini Prof Wheel (Wheel profile measurement system) as per attached specification (AUG-20)	TESTING	To determine equivalent iconicity for use in vehicle validation(stability analysis)

8	Supply ,Installation and Commissioning and CAMC of Calibration Equipment for Accelerometer as per attached specification no.- TST/TC/Spec./Calibration/Accelerometer/2018/ dated 14.11.2018, MAKE-THE MODEL SHOP (AUG-20)	TESTING	To perform calibration of mems based accelerometers and traceability of calibration certification
9	Procurement, Supply, Installation and training of Ultrasonic Pulse Velocity (UPV) testing equipment as per specification MAKE-PROC (AUG-20)	B & S	Used in B & S lab on different concrete bridges
10	Supply Installation and Commissioning , Training and CAMC of Penetrometer for Grease with motorized Grease worker for testing consistency of Grease as per specification No.M&C/Lub/VII/5/PENW (Jan.2019). MODEL-PNR-12 (AUG-20)	M &C	For grease testing
11	AXLE BOX COMPLETE TO NEI DRAWING NO 92-4289, PART NO. 1 TO 13 (TOTAL 13 ITEMS). Make-NBC (JULY-20)	TESTING	For use in rolling stock
12	HIGH SPEED DIESEL OIL (HSD) CONFIRMING TO IS1460:2005(5th REVISION) BS-IV OR LATEST (JUNE-20)	ED	For testing of test bed engines
13	Supply, Installation and Commissioning, Operation and CAMC of Integrated Track Monitoring Systems as per Technical specification No. TM/IM/382. (FEB-2020)	TMM	For Track Monitoring
14	Design, Supply and Commissioning and 5 year CAMC of Measuring Wheel Calibration Test Rig as per schedule of Technical Requirement no. TST/TC/SPEC/2011 Dated 24/11/2017 (Rev-01 dated 18-04-18) (JULY-19)	TESTING	Calibration and verification of instrumented measuring wheel
15	Supply, Installation and Commissioning of Portable DAQ System, as per specification No. TST/TC/Portable DAQ/2017 Rev.01 Dated 07.09.2018 (JUNE-19)	TESTING	Data Acquisition System
16	Supply of Instrumented measuring wheel set (IMW) for 05 different rolling stocks of Indian Railways (MAY-19)	TESTING	Rolling stock
17	Supply installation commissioning and training of ADD ON MODULE of MSC Apex structure as per spec. (JAN-19)	B &S	Use in designing for long span open ended web girders and bow string girders
18	Supply, Installation and Commissioning of DAQ SYSTEM as per specification. (JAN-19)	TESTING	Data Acquisition System

19	Supply, Installation & Commissioning, Training and three years AMC of 30Ton/300KN Universal Spring Testing Machine as per specification no. RDSO/2017/TG/300 KN/ USTM, (Rev.0), mendment 1, 2nd November 2017 (OCT-18)	TESTING	Testing of long helical springs at high amplitude with high frequency
20	Supply, Installation & Commissioning of Cylinder Pressure Measurement and Evaluation System including Pressure Sensors and System software, as per specification No. TS/ED/2018/86 of January 2018. MAKE-KISTLER (OCT-18)	ED	Analysing behaviour of rail engine
21	Renewal of NUCARS Software as per specification No.SV.NUCARS-2017 (JULY-18)	CARRIAGE	To study dynamic behaviour of railways coach/wagon/locomotive stock
22	High Speed Diesel Oil (HSD) confirming to IS 1460:2005 (5th Revision) , Euro-IV or Latest.(APRIL-18)	ED	for testing of test bed engines
23	Supply, Installation, Commissioning including civil work and training of Transverse Load and Deflection Testing Machine alongwith all accessories [Capacity 2500KN/250 TON] as per specification no. M and C/MTD/Transverse Load and Deflection Testing Machine/01/2008/01 of revision 3.0 October 2016 (MARCH-18)	M & C	For testing
24	Supply and commissioning of Sensors as per RDSO Specification No. TST/TC/DAQ/2014/Rev.2 Dated 06.06.2016 against this office Tender no. 03-17-5127-11 opened on 05.10.201 (DEC-17)	TESTING	To be used in field trials of oscillograph car for acquiring data for evaluation of ride characteristics and other related parameters
25	Supply, Installation and Commissioning of FOG VISION SYSTEM [FVS] on locomotives to RDSO Specification No. - MP.0.0400.13 [Revision -01]. (DEC-17)	MP	To aid driver during foggy condition for enhancement of view ahead
26	Supply and commissioning of Optical Displacement Sensor as per Specification No. TST/TC/Sensors, Shielded Cables & Connectors/01/13 /Dated 21.10.2013 (OCT-17)	TESTING	To be used in field trials of oscillograph car for acquiring data for evaluation of ride characteristics and other related parameters
27	Tripartite Price Agreement for supply of HP Toners and Cartridges (107 types) for various HP Printers (OEM) as per tendered specification against this office e-tender No. 03017163331711, due on 15-06-2017 (closing date). (SEP-17)	FOR RDSO	Official work