

**West Central Railway
(Bulletin in 06 Pages)**

No.SD.32.BT.13-14/May. -2013

Date: 22/05/2013
GMail: smmelsnkj@gmail.com

Office of the
SMM/ELS/NKJ
Fax No.07622-237162/237214

S n	Tender N.	Description	Qty.
1.	72135035	Copper strip 8mm (Thich) X 40mm (Width) half hard(HB) as per IS: 613/2000. The lenth of the copper strip should not be less than 3 metres. Note: - Material should be procured from CLW approved sources. Warranty:- As per IRS condition .	60 Nos.
2.	72135034	Gasket for Multiple Loco Hose Pipe(MR/BC Equilizing Pipe) as per BSL Drg. No. BSL/TRS/WAG5 GKT/4/1. Note :- Material to b procured from CLW approved sources panel reference Page no. 11 of 108 sr. no. 53	1000 Nos.
3.	72135033	Clamp for side body filter to drg. No:- WR/CCG/EL-3-FR-004. Ref:-2, Alt-2.	1000 Nos.
4.	72135032	GEAR CASE mounting lug Bush for Traction Motor Type HS 15250A, Collor thickness =9.00 +0.20mm-0.00mm, Length=42.00 + 0.5mm -0.00mm as per Drg. No. ELW/BSL/WAG/5/4/150.054	350 Nos.
5.	72135031	CAM, REGULATING 3/4" φ X140 lg for A-9 Valve.Pt. No. Wabco PC No. 561362 & FTIL Pt. No. 502823000	35 Nos.
6.	72135030	Multi Strand Bare Copper conductor XLPE insulated PVC Sheathed cables to IS 694 : 1990 for Voltage grade upto 1100 Volt.Size 50 sq. mm. Make- Polycab, Fonolex, L & T or Havelles.	75 Nos.
7.	72135029	AOH Repair kit for Rotex make magnet valve model No. 3327 for AAL make Single bottle VCB type VCBA 25.10 Tr. One set consisting 08 items 17 Nos as per annexure attached.(PAC of M/s. Rotex automation)	04 Sets
8	72135028	IOH Repair kit for Rotex make magnet valve model No. 3327 for AAL make single bottle VCB type VCBA 25.10 Tr. One set consisting 16 items 28 Nos as per annexure attached. PAC of M/s. Rotex automation)	03 Sets
9	72125171	Supply & Commissioning of Microprocessor based PC-8 Relay Contactor Tester as per Technical specification attached.	01 No.
10	72125226	Fabrication, installation & commissioning of Axle Box Bearing Plant with powder coating as per Drg. No. WCR/TKD/EL/2-GEN-058 and as per specification attached.	01 Set
11	72125195	Graphite Lubricating Oil BBC 909 in 250 ml Packing for SMGR as per ABB Drg. No. MT.430477R-1(PAC Item)	40 Nos.
12	72125246	Control Lever Guide Pin of SMGR of AC. Locomotives as per M/s BT's Pt. No. A4540.4 , A4540.6 & A4540.7(PAC item)	22 Nos.
13	72125303	Maint rubber kit for GM type auto drain valve. (Faiveley make) item	07 Nos.
14	72125172	3 Phase Axial Fan Model No. GR 25M 2DK 3B IR suitable for M/s Hind makeSIV of AC. Locomotives.	01 No.
15	72125262	Spare MS Fabricated Impeller with CI Hub suitable for Transformer Oil Cooling Blower (MVRH) as per CLW Specification No. CLW/ES/B-14 Alt-C. Note:- Material to be procured from CLW approved sources vide Page No. 02 of 108 Sr. No. 4.	02 Nos.
16	72125247	Support for Tap Changer N-32 as per M/s BT's Pt. No. S-1601-3.1 or M/s AAL's Pt. No. G1601.3 Note: The material should be procured from RDSO approved sources only.	20 Nos.
17	72125270	Set of Spares for ReversorServomotor.Each set consists of 05 item 24 Nos. as per annexure attached. Material to be procured from CLW approved sources Panel Ref. Page 96 of 108 Sr.No. 27 & 107 of 108 SN. 70	40 Sets
18	72125218	Twin Beam Head Light Assembly complete Round Mounting Plate as per RDSO Specification No. ELRS/SPEC/PR/0024 (Rev-1) of Sep-04 Note:- Material should be procured from CLW approved source at page no. 16 of 108 Sr. no. 91	06 Nos.
19	72125221	Set of spares suitable for GTR make MVSI type RAF-40 each set consists of 11 items 17 nos. as per annexure. Warranty :- As per IRS condition of contract.	10 Sets
20	72125213	Set of spares suitable for GTR make MVSL type : AB-50 . Each set consists of 12 items 18 Nos. As per annexure. Warranty:- As per IRS condition of contract	08 Sets
21	72125300	Digital TRMS Multi Meter as per specification attached of M/s Phillips, M/s Fluke or M/s Rishabh Instruments only. Warranty:- As per IRS condition of contract.	06 Nos.
22	72125111	Magnetic yoke complete of AC loco as per M/s AAL Drg No. 9980383667801 & AAL part No G 2610 or	03 Nos.

		M/s BTIL Part No. S-2610	
23	72135061	Teflon Sleeve for Insulating Rod Assembly of Brush Holder of Traction Motor type HS-15250A as per RDSO Sketch No. SKEL- 4440 item No. 4. Note: Material should be procured from CLW approved sources vide Page No. 57 of 108 & Sr. No. 29.	360 Nos.
24	72135060	Copper Conductor Welding Cable size in Sq. mm. 50, Rated Current in Amps at 60% duty cycle 360 A, Min. weight of conductor/mtr. Length of cable 448.06 Gms.	250 Mtrs
25	72135038	set of gasket consisting two items 02 nos. (1) Teflon gauge gasket OD 14.30mm, ID 06.3mm, & thickness 2.5mm. (2) Tetlon gasket OD 14.9mm, ID 9mm, & thickness 2.5mm	3500 Nos.
26	72135039	Set of chemicals for cleaning the sintered bronze capsules of air strainer as details- (1) Nitric acid - HNO3 (69.72% L.R) Qty.-5 ltrs in packing of 500 ml. make: KFC (2) Potassium dichromate K2 Cr2 O7- qty- 5 kgs in packing of 500 gm/ml. make: KFC	01 No.
27	72135040	Set of test sieve with reciever and Lid to made of heavy gauge brass. Sieve certified by NPL/NTH/Govt. approved laboratory. Set consist 04 items, each 01 No. Size of sieve is given below. (1) Test sieve 8 inch dia brass frame to U.S. Standard, mesh No. ASTM-10 (2) Test sieve 8 inch dia brass frame to U.S. Standard, mesh No. ASTM-30 (3) Test sieve 8 inch dia brass frame to U.S. Standard, mesh No. ASTM-50 (4) Test sieve 8 inch dia brass frame to U.S. Standard, mesh No. ASTM-80	01 No.
28	72135041	Set of flange with ermato as per part no-000480910 (male) and with elbow as per part no-000480920 (female) or similar suitable for ELGI compressor, TRC 1000 MN	50 Nos
29	72135042	Set of 'O' ring (Gasket,oil seal) suitable for flowwell make MPH of WAG-5/WAG-7 loco. Each set consists of 03 items 03 Nos as per annexure attached.	30 Sets
30	72135043	Set of Grease pipe complete with adaptor, nipple and cap suitable for Ranjan make MVSL and MVSI of AC loco. One set consists of 04 items 04 set as per annexure attached.	55Nos
31	72135044	10 W HIGH POWER VIDEO LIGHT HVL-10NH (center luminance intensity approx. 400 cd, lighting distance (3m) approx. 40 lux. Lighting angle approx. 20 degrees lamp-HVL-10NH helogen.) suitable power supply requirement from main unit via accesseriy shoe/AA Ni-MH-battery MODEL HVL-10NH OF SONY FOR ATTACHMENT OF CAMCORDER. (diamensions are 68X64X104 MM, weight 105 g,materiasl PC, colour-graphite silver.	01 No.
32	72135045	Portable Tripod to mount digital camera of Sony make (for Specified-diamention (1) approx. max. height 1441mm, Min. height 548mm. (2) Weight 1.2 Kg. (3) Alluminium, ABS, POM,PC & PS. Colour-Black, Max. load 3.0 Kg,Tilting angle 360 degree,pan head function 60 degree (Up) & 90 degree down 03 way pan head with Leveler, elevator & quick shoe functions. Functions). Note:-Atleast 18 month warranty from date of supply & 12 month warranty from date of commissing.	01 No.
33	72135046	WIDE ANGLE CONVERTER HIGH GRADE LENS IN ALLUMINIUM HOUSING FOR DIGITAL CAMERA INCLUDED ACCESSERIES CARRYNG POUCH FRONT & REAR CAP suitable for magnification 0.7X, diameter approx. 45mm, lenth 24mm ,weight 70 g, screw dia M36 X0.75mm, material Alluminium and glass lens, structure 03 groups, 03 elements, colour-silver. Sony make. Note:-Atleast 18 month warranty from date of supply & 12 month warranty from date of commissing.	01 No.
34	72135047	WIDE CONVERSION LENS FOR CAMCODER INCLUDED ACCESSERIES CARRYINY POUCH FRONT & REAR CAP suitable for magnification 0.7x, high grade, diameter approx. 89mm, lenth 49mm, weight 240g, screw dia M56 x 0.75mm material ABS plastic and glass lens structure 03 groups, 03 elements, colour-Black. AS PER MODEL-VCL-DH0758 of SONY competable for SONY MAKE CAM CORDER MODEL HDR-SR10E.	01 No.
35	72135048	MCB Four Pole Isolator 100 Amp, breaking capacity 10 KA or above as per IS 13947-3 & IEC 60947-3:2001, large cable terminal (35 sq.mm) Bi connect terminals for cable & bus bar, finger proof terminal ,Two position DIN rail clamp suitable for 240/215 Volts, MCB make Siemens, ABB,HPL,BCH,L&T,C&S, Standard or Legrand.	30 Nos.
36	72135049	MCB Four Pole Isolator 63 Amp, breaking capacity 10 KA or above as per IS 13947-3 & IEC 60947-3:2001, large cable terminal (35 sq.mm) Bi connect terminals for cable & bus bar, finger proof terminal ,Two position DIN rail clamp suitable for 240/215 Volts, MCB make Siemens, ABB,HPL,BCH,L&T,C&S,Standard or Legrand.	25 Nos.
37	72135050	Set of Steel screw as per annexure attached. A set consisting 06 items 4200 Nos.	04 Sets
38	72135051	Hex Head Bolt high tensile full threaded of size M20 x 55 as per IS: 1364 with property class 10.9/8.8 of TVS/LPS/Unbreako/GKW/Boltmaster make in original company packing. Note:- Material should be procured from CLW approved sources only.	500 Nos
39	72135053	Stop For corridor C & D 5112/F-326/014 drg.No.-ELW/BSL/4/F78.002	600
40	72135054	Dust cover with wedging arrangement suitable for Woama make PC-8 type relay as per Woama part No. WE/RL/WC8/318 or equivalent as per sample.	150 Nos
41	72135055	Heavy Duty Master Controller, of 400/415 V AC, Contacts rating 40 Amp.,Step-4,Cam-6,with spring return type arrangement for EOT cranes (50/10 Ton crane, 35/10 Ton crane & 15/6 Ton crane capacit). Make: Speedocontrl ,Electromec, Rotex or TSS.	06 Nos

42	72135056	Hex Head Bolt high tensile of size M 16 x 220 as per IS:1364 with property class 8.8 of TVS/LPS/unbreako/GKW/Boltmaster make in original company packing. Note:- Material should be procured from CLW approved sources only.	500 Nos
43	72135057	High Voltage Self Amalgating ethylene propylene rubber moisture proof insulation & jacketing tape excellent stretch weather proof & chemical resistant should not crack or peel superior dielectric strength & UV resistance in size 38MM. X 0.76MM.X9.1 Meters Roll pack of M/s 3M ORSCAPA or Plymouth Bishop Make.	60 Nos.
44	72135058	Non Acidic, Non Corrosive user & Environment friendly fast action Paint, Ink varnish, Gasket & coating and Adhesive remover in 730 ml. Aerosol Can of M/s Aerolube 3005 or Zenith/Corium Z 102 make.	90 Nos
45	72135059	Terminal Support insulator assembly for TM type HS 15250A as per CLW Drg. No. 3TWD.092.188 Alt-4. Note:- Material to be procured from CLW app. Source panel reference 57 of 108 Sr. no. 28	100 Nos.
46	72135064	Cleaning Powder for cleaning of Insulator of AC locomotive, Brand Arial or Odopic	60 Nos.
47	72135066	Set of Fabricated item for VCD. One set consists of 06 items 10 Nos.	10 Sets

Annexure

	Tender N	Condition	Qty	Unit
	721135030 72125300	Note: -The Tenderer has to submit certificate of dealership along with their offers. If authorized dealer / distributor wish to quote through sub dealer /agent, their due authorization should be issued by authorized dealer on case-to-case basis i.e. Tender specific which should be submitted by sub dealer / Agent along with their offer. Warranty:- As per IRS condition of contract.		
72135029	1. Valve Spring (Ventilfeeder)			01
	2. Kolben (Piston) O Ring			01
	3. Seat O Ring			04
	4. Body O Ring			02
	5. Pilot O Ring			03
	6. Adopter O Ring			03
	7. Tube O Ring			02
	8 Pilot Valve			01
	Each set consists of 8 items 17 Nos.			
				01
.72135028	1 Valve Spring (Ventilfeeder)	Pt. No.16		01 No.
	2.Kolben (Piston) O Ring	Pt. No.18		01 No.
	3.Seat O Ring	Pt. No.19		04 Nos.
	4. Body O Ring	Pt. No.20		02 No.
	5. Pilot O Ring	Pt. No.21		03 No.
	6. Adopter O Ring	Pt. No.83		02
	7.Tube O Ring	Pt. No.174		02
	8.Tube O Ring	Pt. No.61		1 No.
	9.Deckel (Cover)	Pt. No.02		1 No.
	10. Ventilboden (Valve bottem)	Pt. No.03		1 No.
	11. Kolben (Piston)	Pt. No.04		1 No.
	12. Ventilshaft (Valve shaft)	Pt. No.05		1 No.
	13.Ventilteller (Pressure Plate)	Pt. No.07		2 No.
	14.Shaftmutter (Nut)	Pt. No.12		2 No.
	15.Druchscheibe	Pt. No.06		2 No.
	16.Circlip	Pt. No.15		1 No.
	Each set consists of 16 items 28 Nos.			
72125123	1. Grease Plate outer NDE side			1 No.
	2. Grease Plate outer NDE side			1 No.

	3. Terminal Cover		2 No.
	4. Terminal Box		1 No.
	5. Impeller Jali		1 No.
	6. Rotor Key Set (complete with Key,Lockwasher& check nut)		3 No
	7. End shield DE side		1 No.
	8. End shield NDE side		1 No.
	9. Motor Liner (Brass Pad)		2 No.
	10. Rubber Gasket for Junction Box		3 No
	11. Grease Plate Inner DE side		1 No.
	12. Grease Plate Inner NDE side		1 No.
	Each set consists of 12 items 18 Nos.		
72135042	1. 'O' ring for body (195X5) suitable for flowwell make MPH of WAG-5/WAG-7 loco		1 No.
	2. 'O' ring for terminal block(75X5) suitable for flowwell make MPH of WAG-5/WAG-7 loco.		1 No.
	3. 'O' ring for terminal Block (38X3) suitable for flowwell make MPH of WAG-5/WAG-7 loco.		1 No.
	Each set consists of 3 items 3 Nos.		
72135043	1 Set of Grease pipe complete with adaptor,nipple and cap suitable for Non-Driving End of Ranjan make MVSL		1 No.
	2.Set of Grease pipe complete with adaptor,nipple and cap suitable for Driving End of Ranjan make MVSL		1
	3.Set of Grease pipe complete with adaptor,nipple and cap suitable for Non-Driving End of Ranjan make MVSL		1 No.
	4Set of Grease pipe complete with adaptor,nipple and cap suitable for Driving End of Ranjan make MVSL		1 No.
	Each Set consists 4 items 4 Nos.		
72135050	1 Wood screw slotted counter shank head, galvanised steel length 15 mm(1/2") as per IS 451/61		1000
	2 Wood screw slotted counter shank head, galvanised steel length 25 mm(3/4") as per IS 451/61		1000
	3.Wood screw slotted counter shank head, galvanised steel length 25 mm(1") as per IS 451/61		1000
	4.Wood screw slotted counter shank head, galvanised steel length 30mm(1-1/4") as per IS 451/61		500
	5.Wood screw slotted counter shank head, galvanised steel length 40 mm(1-1/2") as per IS 451/61		500
	6.Wood screw slotted counter shank head, galvanised steel length 50 mm (2") as per IS 451/61		200
	Each set consists of 6 items 4200 Nos.		
72125121	1 Grease Plate Outer DE side		1
	2 Grease Plate Outer NDE side		1
	3.rubber Gasket for Junction Box		3
	4.Terminal Cover		2
	5Terminal Box		1
	6.Rotor Key set (Complete with Key,Lock washer & check nut)		3
	7End Shields DE side		1
	8.End Shields NDE side		1
	9.Grease Plate Inner DE side		1
	10.Grease Plate Inner NDE side		1
	11.Motor Liner (Brass Pad)		2
	Each set consists of 11 items 17 Nos.		
72125270	1.Roller for Reversor servomotor	Drg. No. 4TWD 101.039 alt-5	1
	2. Spl pin for reversor servomotor	Drg. No. 4TWD 101.041 alt-5	1
	3.Special washer for Reversor servomotor	Drg. No. 4TWD 101.006 alt-5	20
	4.Piston rod assbly for Reversor servomotor	Drg. No. 4TWD 101.098 alt-4	1
	5Piston .rod assbly for Reversor servomotor	Drg. No. 4TWD 101.042	1

	Each set consists of 5 items 24 Nos.		
72135066	1. Fixing arrangement for VCD main unit as per sample	-	1
	2. Fixing arrangement for foot switch as per sample	-	2
	3. Fixing arrangement for QVCD relay as per sample		1
	4. Fixing arrangement for VCD Cab unit as per sample		2
	5. Fixing arrangement for VCD Bypass switch as per sample		1
	6. Fixing arrangement for Pressure switch as per sample		3
	Each set consists of 6 items 10 Nos.		
72135065	1.Equal tee brass for 10mm copper pipe (3/8")	-	1
	2. Equal brass connector size (3/8")for 10mm copper pipe	-	10
	3.Pressure switch adaptor (Brass)Equal tee brass for 10mm copper pipe (3/8")	-	3
	4. Union tee for 3/8"MS	-	4
	5. Clamp for 10mm copper pipe with Nut & bolt	-	6
	Each set consists of 5 items 24 Nos.		

Specification for Tender No. 72125226

1. Fabrication of plant body as per drg. No. WCR/TKD/EL/2-GEN-058 with the help of used angle size 40x40x06mm as per IS 2062/84 Gr.A& used MS sheet size 1.6 mm. thickness as per IS 513/99.
2. Provision of electric panel (Plant operating panel) with wiring cables,fuses ON-OFF push button & indication lamp.
3. Fabrication of oil tank with 02 Nos. Oil filter (Make Mico) for oil clearing as per drg. No.WCR/TKD/EL/2-GEN-058. With the help of used angle size 25x25x05 mm, & used MS sheet size 1.6 mm thickness.
4. Provision of trust bearing (Suitable for plant;s vertical soft dial) suitable for vertical load of complete axle box assbly of loco (weight of axle approx.. 120 Kgs).
5. Fabrication of oil sparyassbly in 1"(one inch) GI/seamless pipe with elbow & rubber pipe and Hylum sheet and ball bearing 6203 (Make SKF, FAG,NBC only)
6. Provision of 02 Nos laminated glass with rubber gasket (for looing on plant working) as per drg. No. WCR/TKD/EL-2/GEN-058.
7. Provision of GI Pipe line with suitable fitting of size ½" & 1"as per drawing.
8. Fabrication of axle box base plate for moving WAG-7/WAG-5 loco axle box and making foundation of gear motor. Reducer & mono block pump in side the plant.
9. Provision of 08 Nos hinges, 02 Nos gate & pop cover in the plant as per drawing.
10. Complete denting & Painting of plant.
11. Fitment of the items like motors etc.

Technical specification of Tender No. 72125171

1. Power Supply : 230 V AC. 50 Hz.
 2. Test parameters programmed by PC for testing the relaty (a) No. of relay contact MV drop cycles (b) MV drop limit
 3. Internal relay coil assbly : 110 V DC nominal.Adjustable with Potentiometer provided below the coil voltage DPM. 3-1/2 digit DPM to indicate coil supply voltage. Relay is switched on and off for set Nos. of cycles.
 4. Current sources for relay contact "": 2 Amp nominal
 5. Contact MV drop display on LCD screen.
 6. 2X 16 character LCD display for display of (a) Cycle No. (b) Pickup and drop out voltage (c) On and Off time (d) Contact No. & MV drop € Coil resistance
 7. Communication port for communication with PC USB Port for programming of test parameters. To give test command and for acquisition of test data. Software compatible to DATAQ 3.0 program communication protocol. All the test details such as LOCO No. Relay serial No. Date & time of test. Pickup voltage. Dropout voltage. On time. Off time. Contact MV drop will be download and saved by the DATAq3.0 PROGRAM IN ACCESS DATABASE.
 8. Dimension : 490mm(W) x 220 mm (H) x 4000 mm (D) (approx.) cutout 430mm (W) x 200 mm (H)
- Sequence of Operation:
1. Switch on the equipment. Increase DC coil voltage to 20 volt and press test test pushbutton to measure relay coil resistance.
 2. Increase and decrease the relay voltage to measure and record PICKUP & DROPOUT VOLTAGE.
 3. Increase the coil voltage to set value and give test commond to start relay contact testing.
 4. Relay coil is switched on and contract m V drop on ON contacts is measured and displayed by the unit.
 5. Relay coil is switched off and contact mV drop of NC contacts is measured and displayed by the unit.
 6. Step 4 and 5 repeated for set no. of cycles. At the end of last cycle. Test over alarm is set.
 7. Acknowledge the test over alarm by test pushbutton.
 8. The unit will start displaying average mV drop reading. When all the reading are shown. Press test pushbutton to reset the test unit.

Condition of Tender: -

1. Delivery period 30 days.
2. Firm should quote price with FOR ELS, NKJ depot.
3. Validity of offer should be at least 30 days.
4. Material required as per drawing & specification
5. Order liable to cancel after expires of delivery date.
6. Rate should be quoted in words & figures both & in the mentioned unit.
7. Separate quotation for each item should be given otherwise your offer may not be considered.
8. **Bulletin is due on 21-June 2013 at 15-00 hrs.**
9. COS Registered & CEE approved firm should submit attested copies of the same.
10. All Hardware/Standard make item required in company original packing.
11. Note: -
 - a) Tender will not be considered if received late under any circumstances.
 - b) The drawing, specification & Sample mentioned in the bulletin can be seen in the office of the undersigned on any working day between 15-00 to 17-00 hrs.
 - c) Order shall attract cancellation due to non-compliance of purchase order in any manner and may lead to banning of firm for the particular item.
 - d) The material should be supplied as per approved list of manufactures of CLW, RDSO, CEE/C.RLY/W.C.RLY in case such approved list does not exist for a particular item then material should be supplied as per relevant IS& the responsibility of proving compliance to relevant Is lies on the supplier. The approved list of CLW, RDSO, and CEE/CR/WCR can be seen in the office of SMM/ELS/NKJ before quoting authority of SR.DEE/TRS/NKJ Letter No.NKJ/TRS/S-35/700 dt.04/07/03.
12. In case the item falls in category of the items to be purchased from RDSO/CLW
Source, the same will be purchased from the approved source only.
13. Railway Reserves the right to drop the purchase of the items at any time.
14. SPECIAL CONDITION: Firm should invariably quote in their quotation (I) The current Bank Account No. (ii) Name of the Bank (iii) Bank's specific code No.
15. Freight charges may please be cleared mentioned in the quotations.
16. "Firms must carefully examine the contents of PO and in case of any discrepancy noticed, shall make a representation within 15 days of the date of PO. Any representation thereafter for DP-fixation shall be summarily rejected"
17. Railway reserves the rights to cancel/Drop entire or any part of the Tender/Purchase order at any time without pre intimation.
18. Bulletin by post stopped henceforth.
19. Tenders may send quotation in firm of scanned PDF/JPG file duly signed on Email :
smmelsnkj@gmail.com

(AnupamShrivastav)Senior Material Manager
{Electric Loco Shed} NKJ
{Electric Loco Shed} NKJ

M/s: - -----
