

Dy. CMM/CRWS/BHOPAL

No. 68.13-WB- 16

Date : 09.09.2013

Tender to be closed on... **18.09.2013..... at 14:30 Hrs .**

Place Of Delivery : Dy. CMM (CRWS) BPL {AT MAIN STORES}

Delivery Terms : 30 Days / Ex stock

Sr.NO.	Tender No	Description	Qty
1	68.13.5518	Frame for single seat to IS:1079.As per Drg.No. SCN5-6-1-509 alt.d.	144 Nos
2	68.13.5519	Frame for back rest cum berth as per Drg.No. SCN5-6-1-507 alt.'d'	144 Nos
3.	68.13.5520	Frame for transverse middle upper and Longitudinal upper berth to IS:1079 as per DRG.No. SCN5-6-1-505 Col.II.alt.e.	144 Nos
4.	68.13.5521	Transverse seat frame to IS:1079. as per Drg.No.SCN5-6-1-503 alt.'c'	90 Nos
5.	68.13.5406	Flame proof cotton size-91.4cms width in Suclad FPC-700,as per RDSO Specification No. RDSO/SPEC/AC/0136-2009 (Rev-0,and as per IS:1424-83 variety -2 width &Roll length-91.4cms in roll length varying from 20 to 60 mtrs.).	100 Mtrs
6	68.13.5501	Foot step full for sleeper coaches IS:1239/79 Part -I . as per Drg.no. CRW/SK-520	300 Nos
7	68.13.5440	Diode cubical of pre-cooling Rectifier 135V,200Amp to Drg.No. CRWS/BPL/EL/2009/02.	08 Nos
8	68.13.5085	Supply of concealed plumbing of PE-AC-PE Composite pipe set for CN Coaches. One set as per Annexure 'A'attached.	03 Set
9	68.13.5555	Chair angle complete for double seat at side wall side single seat side as per sample.	175 Nos
10	68.13.5556	Chair angle complete (LH) & (RH).RH Chair angle is opposite at LH Chair Angle as per sample.	200 Nos
11	68.13.5664	Electrical hand gloves anatomical shape,class 4 made from natural. Latex without rolled edge,Thickness.Maximum 3.6mm,size:9/10,Tensile strength:>16Mpa,Ozone resistance: Low,Resistant to :acid,oil,Low temperature,flexibility;Very good & non irritant to skin,Length:360 mm,working voltage (KV) :Maximum 36,Test Voltage:40,000 volt,A.C.Colour,White,Approval: En60903. or latest approved if any ,Make- HENEY,WELL,SPERIA,KCL,REGELTEX.	09 Pair
12	68.13.5665	G.I.Earthing Strip of size-25mm.x.2.5mm.(Hot Dip Galvanising Type).	700 Kgs.
13	68.13.5666	Door sealing rubber for A.C.Coaches asper Drg.No. CRW/SK-779. Material-Synthetic rubber 35 to 40 shore hardness,colour-black.	4000 feet
14	68.13.5667	Screwing die size- $\frac{1}{2}$ "- $\frac{3}{4}$ ",14TPI,HSS Rockwell hardness HRC-58-62,SUITABLE FOR Inderpower,electric pipe threading machine 140 'A'.(one set consisting of =04Nos).OEM Certificate should be provided at the time of supply.	12 Sets.
15	68.13.5679	Gas filters for Acetylene gas,working pressure; 20Kg/cm2, Flow rate:50Kg/hr , End connection:1" BSP(F) of ESAB,VANAZ or GCE from authorized dealer only (Certificate of authorization to be submitted along with offer).	04Nos
16	68.13.5683	Locking Plate for ICF Coaches,to IS:1078. As per Drg.No.	1200

		CRW/SK-218.	Nos
17	68.13.5684	Pillar for compartment for sliding door as per Drg.No. CRW/SK-733.	50 Nos
18	68.13.5685	Sliding door suspension arrangement for compartment. As per Drg.No. VEA-229.	53 Nos
19	68.13.5686	Double panel collapsible shutter with out side opening and roller wheels on top runner with provision of latches to hold the channels in gate. Open position, As per IS:10521-1983.SIZE-1910MM Height X 1400MM Width.	03 Nos
20	68.13.5687	Double panel collapsible shutter with out side opening and roller wheels on top runner with provision of latches to hold the channels in gate. Open position, As per IS:10521-1983.SIZE- 2050MM Height X 2160MM Width.	03 Nos
21	68.13.5688	G.I. Elbow 40 mm as per IS:1879.	650 Nos
22	68.13.5631	Set of pressure gauge for DA Gas manifold accuracy 2% of sizes 150mm (6")dial of non ferrous bottom entry,3/8" BSP connection with adopter Range 0-40kg/cm2, 0-4 Kg/cm2 of WAREF or KI or MAHAVIR make from authorized dealer only (Certificate of authorization to be submitted along with offer) with calibration certificate at the time of supply. (One set consist of pressure gauge of range one each).	10 Set
23	68.13.5632	Set of pressure gauge for CO2 Gas manifold accuracy 2% of sizes 150mm (6")dial of non ferrous bottom entry,3/8" BSP connection with adopter Range 0-10kg/cm2, 0-250 kg/cm2 of WAREF or KI or MAHAVIR make from authorized dealer only(Certificate of authorization to be submitted along with offer) with calibration certificate at the time of supply. (One set consist of pressure gauge of range one each).	10 Set
24	68.13.5105	Pressure gauge for Oxygen gas, dial size 100 mm accuracy $\pm 1\%$ of FSD direct bottom mounted. Connection 3/8" BSP(M) bourdon and socket of SS. 316 dial of non-ferrous range 0.250 kg/cm2. "Use No Oil" printed on dial with calibration certificate of M/s ALTOP or H. Guru or M. Guru make.(Calibration certificate should be submitted of NABL accredited Laboratory).	02 Nos
25	68.13.5635	Set of Parasuit cloth water proof suit similar to Duck back rain suit model wear well .One set consisting with one legging,one jacket and one cap..Make-Duck back or similar .sample to be submit along with offer.	150 Set
26	68.13.5689	Foot step (Half) for sleeper Coaches as per Drg. No. CRW/SK-403.	200 Nos
27	68.13.5690	S.S. Wash basin outlet pipe. as per Drg. No. MISC/SK-3616 Alt-5 item No.-30.	120 Nos
28	68.13.5691	Expended metal partition frame (Below single seat) AC Coaches. As per Drg.No.AE-61208 Alt-a.	190 Nos
29	68.13.5692	Hinges bracket for AC Coaches as per Drg.No.-AE-61359 Alt-C& Mode out to 6911/92 Gr-201A.(X07CR17Mn 12N14),213 Finish or AISI-202,2B Finish.	300Nos
30	68.13.5693	M.S. Patch for Emergency Light IS:2062,As per Sketch attach As per Sealed sample thickness 1.2mm.	850 Nos

31	68.12.5282	Hunting Piston for VTL Machine As per Drg.No. CRW/SK/722.	06 Nos
32	68.13.5694	Set of cover complete battery box of RMPU(AC)Coaches .One set consisting of 01 No. RH Side cover to RCF Drg.No.CC-91127.01No.LH Side cover RCF Drg.No.CC-91126 &01 No. Middle cover to RCF Drg.No. 91125.	20 Set.
33	68.13.5695	On Load change over switch encloser steel metal protection against in gress of water and dust as per ID-54 Classification remark top & Bottom cover current 63Amp ,04Pole rated voltage 415V,AC 230V,50Sq insulation voltage 750Volt,Confirming to IEC-947-3EN-60947,3AC-23A.	15 Nos
34	68.13.5696	Box complete (Battery fuse and EFT) to Drg.No. GS-7-1-022 Col-II Alt.;h' fitted with battery fuse arrangement to Drg.No.WFC2-7-1-207/Col-I Alt.'f' with out crimping socket of Item No. 4 with copper Bussmann/Havells Make-Fuse..	50 Nos.
35	68.13.5697	Set of winding coil (a) primary winding coil (b) secondary winding coil,suitable for Berco make oil cooled multi-operated welding transformer KVA at rated current 95KVA,Model-61350,Insulation class-F,Primary in put voltage-380/400/420/440,One set=(2a+b).	01 Set
36	68.13.5523	Brass adopter (reducer) for DA manifold of size-Length 1¼" Dia.¼" Female thread x3/8" Make thread (As per sample).	30 Nos
37	68.13.5699	Bearing Grease for Automobile vehicles Make-Castrol/IOC/BP/Pensol. Proof of purchase from authorized dealer to be submitted along with supply.	72 Kgs.
38	68.13.5700	N.O.Moving contact similar to Jost Part No. JE 180510 Suitable for Jost make platform truck make- Jost or similar.	62 Nos
39	68.13.5701	Moving contact brazed similar to jost part No. JE180325 Suitable for Jost Make Platfarm truck.Make –Jost or Similar.	96 Nos.
40	68.13.5698	Gas detector system (Control unit) online two channel with three levels switch 10 LED's baragraph model works on 230 V/AC with two nos. common gas censor Model ADP-007 flame proof, size 15.0 x 14.0 x 5.0 cm weight 2.20 kgs approx. Temperature up to 65 degree centigrade (for Accetylene gas) of Abhitron or Prism or Pulsceho make. (One set consisting of 01 No. control unit of gas detector and two nos. Sensor) Only authorized dealer or manufacturer participate with OEM certificate. working test certificate (WTC), one year warranty certificate of complete set & calibration certificate of control unit should be submitted at the time of supply.	01 Set.

Dy.CMM/CRWS/BPL

Fax No. 0755-2743643, 2747414,
Email ID: dycmm.pps@gmail.com

Annexure 'A'

Annexure of Tender No.68.13.5085. due on 18.09.13.

Supply of concealed plumbing of PE-AL-PE Composite pipe set for CN coach.

S. No	Description	Activity	Qty.(mtrs/nos/set)	TotalQty.
1	Polyethylene Aluminum Polyethylene (PE-AL-PE) Composite pressure pipe size 1620 of (IS: 15450-2004, ISI Marked).	A)Inside wash basin pipe 04 nos	4.66 mtrs	32 mtrs
		B) Outside wash basin pipe 02 nos	3.88 mtrs	
		C) Lotah pipe 04 nos	12 mtrs	
		D) Air release pipe of water tank 02 nos	11 mtrs	
2	Polyethylene Aluminum Polyethylene (PE-AL-PE) Composite pressure pipe size 2025 of (IS: 15450-2004, ISI Marked).	Flush pipe and fish tail pipe 04 nos	14 mtrs	14 mtrs
3	Polyethylene Aluminum Polyethylene (PE-AL-PE) Composite pressure pipe size 3240 of (IS: 15450-2004, ISI Marked).	Filling pipe 04 nos	16 mtrs	16 mtrs
4	Equal Tee size 1620 Composite Compression Fittings capable to fit (PE-AL-PE) Composite pressure pipe to RCF DRG NO LE 63218 ALT A.	A)Inside washbasin pipe and lotah pipe for 4 lavatory	04 nos	06 nos
		B) Air release pipe of water tank 02 nos	2 nos	
5	Equal Elbow size 1620 Composite Compression Fittings capable to fit (PE-AL-PE) Composite pressure pipe to RCF DRG NO LE 63216 ALT A .	A)Inside washbasin 4 nos pipe	8 nos	13 nos
		B) Outside washbasin 2nos pipe	4 nos	
		C)For commode fitting.	01 nos	
6	Male Connector size 1620x1/2" Composite Compression Fittings capable to fit (PE-AL-PE) Composite pressure pipe TO RCF DRG NO 63222 ALT A .	A)water connection for washbasin and lotah pipe 06 nos	06 nos	20 nos
		B)For gravity connection 10 nos	10 nos	
		C) Air vent connection of water tank 04 nos	04 nos	
7	Equal Elbow size 2025x2025 Composite to fit (PE-AL-PE) Composite PIPE TO RCF DRG	For flush pipe 04 nos	05 nos	05 nos
8	Male Connector size 2025x1" Composite Compression Fittings capable to fit (PE-AL-	For flush pipe and fish tail fitting 04 nos	17 nos	17nos

	PE) Composite pressure pipe TO RCF DRG NO LE 63223 ALT –NIL.			
9	Male Connector size 3240x1.1/2" Composite Compression Fittings capable to fit (PE-AL-PE) Composite pressure pipe TO RCF DRG NO LE63224 .	A) For water tank connection 04 nos B)For filling pipe 04 nos	04 nos 05 nos	09 nos
10	Reducing Elbow size 2025x1620 Composite Compression Fittings capable to fit (PE-AL-PE) Composite pressure pipe RCF DRG NO	For commode pipe 01 Nos	05 nos	05 nos
11	Thermoplastic hose pipe 50mm bore ISI Marked is:12585 type-2 BRAND KESARAPLAST OR,EQUILANT	For tank to tank connection 02 nos	1.5 Mtr	1.5 Mtr
12	Security bracket for flushing pipe as per drawing no. misc/sk no. 3883 col.2 of MTN/CR	Security bracket for flushing pipe 04 nos	12 Nos	12 Nos
13	Half Clamps for Holding 1620 Pipe (Drg. No. 63111)	Clamping for washbasin and lotah pipe	14 Nos	14 Nos
14	Clamps for Holding 3240 Pipe (Drg. No. 63111)	Clamping for filling pipe	8 Nos	8 Nos
15	S.S. plate for holding gravity cock as per Drg.	for holding gravity cock 10nos	10 nos	10 nos
16	Fish tail as per Drg RDSO-SK.-85072 Alt.1	For fish tail of flushing pipe 03 nos	03 nos	03 nos
17	Gravity cock as per Drg no. CC-63933.alt.'b'	Gravity cock fitting for pipe 10 nos	10 nos	10nos
18	Push Type flushing valve Drg GP-63805, Gunmetal,Alt. A.	for flushing pipe 04 nos	04 nos	04nos
19	1/2" hex nipple IS: 1239 Galvanized.	Gravity cock of W/B and lotah pipe 10 nos	10 nos	10 nos
20	FRP cover for flushing pipeline, Drg. No. AE 63157	FRP cover for flushing pipeline,	04 nos	04 nos
21	Set of angle as per drg.no-FC 3-04 ITEM1-01 NOSITEM 2-01 NOS.	For filling pipe fitting 04 nos	02 set	02 set
22	Set of U clamp nut and washer DRG NO T-3-767 ITEM15,M6-2NOS,SPRING-	For filling pipe fitting 04 nos	04 set	04 set

	02NOS,PLAIN WASHER-02NOS			
23	Elbow 40mm, 1239 pt-II& D, Galvanized Heavy Forge	For filling pipe fitting 04 nos	04 nos	04 nos
24	Nipple 6`` longx40mm, 1239 Galvanized Heavy Forge	For filling pipe fitting 04 nos	04 nos	04 nos
25	Washbasin drain pipe complete with 2"x1.1/2" Reducer fitted with MTC & Bend pipe suitable for fitment under wash basin drg –GP-63479 G.I/composite pipe out side wash basin/inside washbasin with fixing bracket.	Washbasin drain pipe 06 nos	06 nos	06 nos or 12 mtrs
26	Worm drive hose clipA-70, IS : 4762 / 1984, Make –clipwell or jubli OR EQUILANT	For clamping of thermoplastic hose	04 nos	04 nos
27	Teflon tape	For prevent of water leakage	15 roll	15 roll
28	FPR Cover of inside and outside washbasin pipe of lavatory .as per required length.	FPR Cover of inside and outside washbasin pipe 06 nos	06 nos	06 nos
29	Connection for side filling of roof water tank as per drg.nos CAMPTECH	For filling of water	04 nos	04 nos
30	Rubber bush for western style lavatory 01 nos	For commode fitting 01 nos	01 nos	01 nos
31	M.S.plate to IS 1079 SIZE 2x130x1380 mm	For base plate of FRP flushing cover	04 nos	04 nos

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Fax No. 0755-2743643, 2747414,

Email ID: dycmm.pps@gmail.com