

मि एच; लखत इकादक; क्य;
Dy. CMM/CRWS/BHOPAL

No. 68.12-WB- 60

Date: 24.04.2013

Tender to be closed on... **03.05.2013**..... at 14:30 Hrs .

सुपुर्दगी का स्थान : उप मुख्य सामग्री प्रबंधक,सडिपुका,मेन स्टोर,भोपाल
Place Of Delivery : Dy. CMM (CRWS) BPL {AT MAIN STORES}
सुपुर्दगी अवधि : 30 दिन ६ मंडार उपलब्धता के अनुसार
Delivery Terms : 30 Days / Ex stock

Sr.No	Tender No	Description	Qnty
1	68.13.5270	Eye for pad Lock for B.S.Door of ICF & BEML Coaches .As per Drg.No. CRW/SK-415,Item No.3 to IS:1079	2000 Nos
2	68.13.5271	Set of split Pin for AC and Non AC Coaches .One set of consisting as per Annexure 'A'	01 Set
3	68.13.5274	Adjustable white cotton cap,having proper provision for Air ventilation,Flap Length should be more than 4" and offer submitted along with sample.	69 Nos
4	68.13.5275	Complete Radiator assembly ,suitable for Tata Dumper Model 1210 SE.Make –Telco/Banco/Universal.	04 Nos
5	68.13.5276	Base plate galvanized for side flow and over flow pipe of coaches .As per ICF Drg.No. WGSC-WAC-6-3-018 alt.'f' Item no.17 only.	5900 Nos
6	68.13.5232	M.S.Hex nipple reducing heavy duty size-15x10x40mm long as per sample,material IS:1239 Part –II/1982.	600 Nos
7	68.13.5228	Set of Reducing Tee size-25x25x20mm,as per IS:1879/Part.III/75 table-2,Quantity=02 Nos & G.I.Elbow size-20mm,as per IS:1879/Part-III/75 table-1,Quantity=02 Nos (One set consisting of 04Nos.)	590 Set
8	68.13.5220	G.I.Reducing Socket heavy duty size-25x15mm to IS:1878/Pt.II/75.	2600 Nos
9	68.13.5219	G.I.Dummy plug (Solid) size-40mm as per IS:1239/II	450 Nos
10	68.13.5189	ESAB Make main transformer for Auto K-400 (Copper),part No. 4651685004 .Make-ESAB/L&T /Tech pro. Offer should be along with OEM Authorization Certificate.	02 Nos
11	68.13.5158	Fixing Arrangement for HDPE Chute made of mild steel sheet 3.15±0.5mm thick zink chrome primer coated in thickness-80-90 micron to IS:2062.As per Drg.No. RDSO/Drg.No. –CG-K-4011,Alt-1.Consisting Item No.-1,3,4,8&9 (For Dimension Purpose only) & Item No.-5,6,7,10 &11,As per Drawing.	250 Set
12	68.13.5191	"Alluminium Tower bolt 3" (75mm)" as per IS:204 PART/II/1992 Table-1	480 Nos
13	68.13.5213	Light Weight Body filter for high buildup for passenger coaches packing in one gallon non returnable M.S.Container. Specification as per Annexure Attached.	60Gallons
14	68.13.5066	Housing for Alarm Pull Handle (ICF),Drg.No. T-3-5-537,Item No.1,2&3assembled .	50 Nos

Dy.CMM/CRWS/BPL



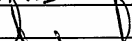
Annexure of Tender No. 68.13.5271 due on 03.05.2013


Sr.No.	Description	Qty
1	Split pin size 5x75 mm as per IS-549 or Latest	2000 Nos
2	Split pin size 5x100 mm as per IS-549 or Latest	500 Nos
3	Split pin size 6x100 mm as per IS-549 or Latest	1000 Nos

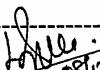
Specification of Tender No 68.13.5213 due on 03.05.2013

Dy.CMM/CRWS/BPL

SPECIFICATION	TECHNICAL SPECIFICATION FOR LIGHT WEIGHT BODY FILLER FOR HIGH BUILD- UP FOR PASSENGER COACHES	MDTS: 176 Rev. Nil PAGE OF 3
		DATED 08 12 2006

NAME	DESIGNATION	SIGNATURE	DATE	LEVEL
Aman Bhardwaj	SSE/Dev		08/12/06	Prepared
Lalit Kishore	SME/Dev		08/12/06	Agreed / Reviewed
S. K. Aggarwal	CDE		2/1/07	Approved


Prepared by 08/12/06


Agreed by 08/12/06

SPECIFICATION	TECHNICAL SPECIFICATION FOR LIGHT WEIGHT BODY FILLER FOR HIGH BUILD- UP FOR PASSENGER COACHES	MDTS: 176 Rev. Nil PAGE 3 OF 3
		DATED 08 12 2006

11	Adhesion and compatibility in paint system	Appendix E of MDTS 094	Finish with uniform gloss and colour with good adhesion and compatibility of paint system
12	Specific Gravity		1.19
13	Shelf life	Appendix H of MDTS 094	Twelve months
14	Temperature Resistance		Remain flexible upto -28.8 deg C No degradation for 5 Weeks upto 93.3 deg C

2.0 Storage and Handling:

The product when stored at room temperature in original, unopened container shall have a shelf life of 12 months.

Prepared by *[Signature]*
8/12/06

Agreed by *[Signature]*
8/12/06

SPECIFICATION	TECHNICAL SPECIFICATION FOR LIGHT WEIGHT BODY FILLER FOR HIGH BUILD- UP FOR PASSENGER COACHES	MDTS: 176 Rev. Nil PAGE 2 OF 3
		DATED 08 12 2006

- 1 This specification covers the general & technical requirements of vacuum processed, two component, and light weight polyester filler for high build –up requirements.
- 2 This filler is intended to be used for leveling up effectively the surface imperfections such as dents and depression on the exterior surfaces of the coaches.
- 3 The material shall have feature of scotchlite glass bubbles as filler. It shall have good adhesion on the substrate and shall have good compatibility with epoxy based metal primer/PUR metal primer, polyurethane under coat and top coat. This body filler is to be used over primed surface with 2% cream hardener to provide smooth spreading; creamy texture, easy sanding and cures tack free in 15– 20 minutes.
- 4 Requirement Of Properties For Polyester Based Filler (Two Components) are mention in table-1

Table-1

S.No.	CHARACTERISTIC	TEST METHOD	REQUIREMENTS
1	Base Filler	Visual under magnifier	Unsaturated polyester Resin with Glass Bubbles
2	Pot life, min	App II of M&C/PCN/100/96	25 minutes
3	Dry film thickness, min	By Electrometer or any suitable apparatus	As required
	Drying time:		
	a) surface dry max	IS: 101-86 (part 3 sec 1)	2 hours
	b) hard dry max	IS: 101-86 (part 3 sec 1)	5 hours
	c) hard dry at 70°C max	IS: 101-86 (part 3 sec 1)	30 minutes with 15 minutes flash off time
4	Flash point:		
	a) Component 'A'	IS: 101-87 (part 1 sec 6)	Above 31°C.
	b) Component 'B'		Above 31°C.
5	Consistency	IS: 101-89 (part 1 sec 5)	Smooth and uniform and suitable for spatula upto 80mm /knife application
6	Viscosity	Brookfield viscometer	192000-256000 cps.
7	Finish	IS: 101-87 (part 3 sec 4)	Smooth and matt to egg shell flat
8	Colour	IS: 101-89 (part 4 sec 2)	Light grey/green
9	Stopping properties	Appendix C of MDTS 094	Shall show no sagging, cracking or shrinkage
10	Rubbing properties	Appendix D of MDTS 094	Shall dry rub with 180 grade paper and wet rub with 280 grade water and shall not show defects likes roughness, scratches, cracks and pin holes after rubbing

Prepared by *ABT* 8/12/06

Agreed by *[Signature]* 8/12/06

