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Dy. CMM/CRWS/BHOPAL

No. 68.13-WB- 01

Date 07.05.2013

Tender to be closed on... **24.05.2013**..... 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.	Tender No	Description	Qty
1.	68.13.5251	Wire Rope Sling ½” Dia Single Legged ,with Standard Loops at Both Ends (Mechanical Spliced) Effective Length 06 Feet. Sling should be durably marked with maximum S.W.L. and Identification No. Manufactures Test Certificate should be provided of each wire rope sling.	10 Nos
2.	68.13.5308	Set of diffuser Pt.No. TGR-01001 of Panasonic OR Pt. No. TP-GD-12 of Tech –Pro. Or Pt.No. D50001 of 4S Make. Black & Gas insulator Pt.No. TF2-35101 of Panasonic or TT-BGI-10 of tech. pro or Part No. D50002 of 4S Make and Tip holder brass Pt.No. TP TH-14 of Tech.pro Part No. of D50003 of 4S or Panasonic make for CO2 welding torch.(One set Consist of diffuser,black and Gas Insulator and Tip holder one each). Oly authorize dealer Participat with OEM Certificate.	60 Set
3	68.13.5309	Water seal type flash back arrester for Acetylene Gas pipe line with insulation and testing at working pressure.Detail Technical Specification as per Annexure –I,Attached. Supplier should submit OEM Certificate and test report of water seal type flash back arrester at the time of supply.	04 Nos
4	68.13.5310	Leather Hand Gloves as per CRWS Document No. WI/SAFETY/006,Specification No. 07,Valid Form 18.12.2012 (Annexure attached). Firm Should be submit one pair of hand gloves along with their offer.	600 Pairs.
5	68.13.5311	Alluminium Number plates for seats & Berth No. 1 to 64 for AC Three Tier Coaches as per Drawing ICF/STD-6-4-023 COL-XVI (item -18 &19)Alt-‘m’. (Diameter of holes to be 4.3mm instead of 3.5mm) As per Drg.No. ICF/STD-6-4-023 COL-XVI (ITEM-18 & 19).	40 Set.
6	68.13.5313	G.M.Foot valve size 65mm as per BS-1400 Make-Utam/UTM/Bond.	06 Nos
7	68.13.5213	Light Weight Body filler for high buildup for passenger coaches packing in one gallon non returnable M.S.Container. Specification as per Annexure Attached.	60 Gallons
8	68.13.5243	Set of Double ended open Jaw Fix & Ring type spanner as per annexure ‘A’&‘B’ Make-Taparia,Jhalani,Hira,Everest (at the time of supply ,proof of purchase from OEM Authorized Dealer must be submitted)Annexure ‘A’-10Item=220 Nos.Annexure‘B’-10Item=205 Nos(Total A+B=20 Items=425 Nos)	01 Set
9	68.13.5098	HRC Fuse link DIN type squire body size 02,400 Amp to IS:13703 (Part-2,Sec-1) with ISI Mark-Make-C&S,L&T,GE,Siemens RBCO.	200 Nos
10	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

11	68.13.5324	Wooden wedge for coach shunting Babool or Sooz(CRWS/S.K.408).	600 Nos
12	68.13.5325	Rubber bush for western style commode size-ID-20 mm XOD-38 mm,Length-45MM,Natural Rubber.	500 Nos
13	68.13.5326	TIG Welding Torch ESAB Make modle H.W.-26,Suitable for Esab make tig welding planmt heliarc-252AC/DC,Make-ESAB/ADVANI/LINCOLN only OEM Certificate should be provided at the time of supply.	03 Nos
14	68.13.5327	Steel wire Reinforced Flexible vinyl Hose Dia-40 mm to RCF Drg.No. C-71348,ID-46MM \pm 0.5MM ,Material certified to IS:6946-1973 with amendment No.1 of June-1981.	1000 Mtrs
15	68.13.5328	6Ampere Normally closed enterlock type Non-illuminated push button switch of 3SB5 Series of 'siemens" make/Non illuminated actuator 1NC Block HD15 C1+HC 61B2 of L&T Make Non illuminated push button MPM 1-10 with NC Block,MCBH 01 ABB,Make.	500 Nos
16	68.12.5329	Switch plate with 02 switchs modular type fixed on switch plate 01way 6/10 Amp.240V to IS:3854(One sample should be got approved before bulk supply)Make.Anchor kelliner or L&T,SSK,RIDER	1000 Nos
17	68.13.5330	Backtol Red Varnish required in 01 kg packing expiry date should not be less than 11 month from the date of supply ,Make-Elanka Back India Ltd or Twin tech India Pvt.Ltd,Veekay Brothers.	50 Kgs
18	68.13.5331	Steel wire Reinforced flexible vinyl hose nominal Dia 50mm to RCF Drg.No.CC-71248,ID-50 mm \pm 1.0,OD-56MM \pm 1.0mm material confirming to IS:6946.	1500 Mrts
19	68.13.5333	Bakelite fuse fitting complete with base and carrier of 415 VAC/63 AMP. HRC fuse/ front connection. Item code- HPFCM63, Make-HPL/Havells/GE/ Standard.	100 Nos
20	68.13.5334	MCCB 3pole 415 volts,50HZ,Thermal Adjustable breaker ,Breaking Capacity ICU 415 Volts at 36 KA,Model No.: TAB250NZ250 3P Current Rating 250 Amps.Thermal Release setting Range 200-250 Amps,with Amps,with External Terminals Make-HPL/C&S/Standard/L&T/SCHIEDER.	05 Nos
21	68.13.5332	Set of Current Transformer wire wound PVC Insulated-(a)Premium ring type C.T.Ratio 800/5 Amps.ACC Class 1.0,Approx Dia (ID)80MM,15VA,(b)Prmium Ring type C T Ratio 500/5 Amps ,ACC Class 1.0,Approx Dia (ID)55MM,15VA.(c) Premium Ring type C.T.Ratio 300/5Amps. ACC Class 1.0,Approx Dia (ID)55 mm,15VA,(D)Premium Ring Type C.T.Ratio 1000/5 Amps,ACC Class 1.0,Approx Dia (ID)80mm,15VA.(e) Premium Ring Type C.T. Ratio 1600/5 Amps,ACC Class 1.0,Approx Dia (ID)140mm,15VA.,ISS:2705/1992 or latest,Make-SHI/MECO/NIPPEN/Automatic Electric/CGL/Siemens /L&T.	01 Set

Dy.CMM/CRWS/BPL

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

Annexure of Tender No.68.13.5310 DUE ON 24.05.13

Specification of Leather Hand Gloves.

MP/ Safety/ Spec. /PPE / I(FD-6)

Valid from 07.10.09.

Bidder must submit remarks of each and every clause failing which offer may be ignored.

1. **Application:-** These leather hand gloves shall be used in the welding and material handling activities.

2. **Description:-**

The length of hand gloves shall not less than 15 inches.

The hand width size shall be 5.5 inches (Min.0and calf width size 7 inches(Min.)

The gloves shall be made of split leather.

The gloves shall be dyed in dark rust / blue / black colour.

The thickness of leather shall be 1.2mm minimum.

The leather hand gloves should be hard wearing and heat resistance cowhide /buffalo hide.

The gloves shall be so flexible that user must not feel stiffness while doing continuous welding.

The gloves shall have thinsulate insulation lining as intermediate and cotton cloth shall be used for hand inner lining and fire resistance cloth for calf portion lining.

KEVLAR threads shall be used for stitching purposes. It should be 1729.V-6 cord and single thread breaking load shall not be less than 21 Newton.

The thumb of gloves shall be reinforced with a leather strip and stitched with two rows of Kevler stitched.

3. **Testing Parameters:-**

Double hole stitch tear strength=50 50kg /sq cm minimum(Method of test LC:8 of IS:5914-1970.)

Shrinkage temperature =90°C minimum (Method of test LC:10 of IS:5914-1970).

Fat content of leather=7% to 10%

Chromium content of leather=3%Min.

Ph Value of aqueous extract=not below 3.5(Method of test LC:18 of IS: 582-1970).

Tear resistance :25 Newton.

Contact Heat resistance: 100°C.

4. **Test Certificate:-**

All of the above tests shall be done from the Govt. lab.like CLRI/ Engineering Institutes/ accredited lab of NABL.

All of above test certificates are required to submit along with their offer. failing which offer shall be ignored.

5. **Sample:-** Bidder must submit one pair of non returnable sample (s) along with their offer.

Failing

which the offer shall be ignored.

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Annexure of Tender No. 68.13.5309 due on 24.05.13
Water seal type Flash Back Arresters for Acetylene Gas Line.

1. Fluid: Acetylene Gas
2. Manufacturing Std : Confirming to As per BIS-11006.
3. Linc Size: In-1/2"/out-3/8"
4. Material of construction: Body-Carbon Steel as per IS2062, Valves-brass,
5. Max.Working Pressure:Body 10kg/cm²
6. Safety Valve Set pressure:1 to 1.2kg/cm²
7. Type of Safety Valve: Spring Loaded
8. Distribution of Gas: Through bubble plate
9. Mounting Vertical
10. No of Check Valves:03Nos (One at inlet & Two at outlet)
11. Paint: As per BIS Std.with colour bands(Connecry Yellow).

Suitable for Acetylene lincs.

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Annexure 'A' of P.O. No.68.13.5243.due DT.24.05.13



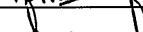
Sr.No.	Description(Tools &Size)	Qty
1	Double ended open Jaw fix spanner 30x32	05 Nos
2	Double ended open Jaw fix spanner 24x27	10 Nos
3	Double ended open Jaw fix spanner 19xx22	10 Nos
4	Double ended open Jaw fix spanner 18x19	20 Nos
5	Double ended open Jaw fix spanner 16x17	35 Nos
6	Double ended open Jaw fix spanner 14x15	10 Nos
7	Double ended open Jaw fix spanner 12x13	50 Nos
8	Double ended open Jaw fix spanner 10x11	40 Nos
9	Double ended open Jaw fix spanner 8x9	30 Nos
10	Double ended open Jaw fix spanner 6x7	10 Nos


Annexure 'B' of P.O No.68.13.5243 .due DT.24.05.13


Sr.No.	Description(Tools &Size)	Qty
1	Double ended ring type fix spanner 30x32	05 Nos
2	Double ended ring type fix spanner 24x27	15 Nos
3	Double ended ring type fix spanner 20xx22	10 Nos
4	Double ended ring type fix spanner 18x19	15 Nos
5	Double ended ring type fix spanner 16x17	40 Nos
6	Double ended ring type fix spanner 14x15	10 Nos
7	Double ended ring type fix spanner 12x13	40 Nos
8	Double ended ring type fix spanner 10x11	30 Nos
9	Double ended ring type fix spanner 8x9	30 Nos
10	Double ended ring type fix spanner 6x7	10 Nos

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SPECIFICATION	TECHNICAL SPECIFICATION FOR LIGHT WEIGHT BODY FILLER FOR HIGH BUILD- UP FOR PASSENGER COACHES	MDTS: 176 Rev. Nil PAGE 1 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		21/10/07	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 *[Signature]* 08/12/06

Agreed by *[Signature]* 08/12/06