

1. Supply and E & C of various Finishing/Painting/Drying Booths/Gluing Booths for manufacturing of SS METRO COACH

➤ The brief details with applications are as following-

ITEM Description	Qty.	unit	Broad specification of booths
Part Finishing Booth	1	no	Size-W3,000mm x L6,000mm x H3,000mm Dust collector Wind volume : 60 m ³ /min(Min) Application- Dust collection in grinding work
Bogie Frame Finishing Booth	2	nos	Size-W6mtr x L9 mtr x H5mtr(min) Dust collector Wind volume : 60 m ³ /min(Min) Application- Dust collection in grinding work
Paint Booth	2	nos	Enclosure Size-W4.8mtr x L7 mtr x H3.6mtr Application- Painting bogie frame parts Air control- Push pull type Air pressure- 5 Kg/cm ²
Drying Booth	2	nos	Enclosure Size-W4.8mtr x L5 mtr x H3.1mtr Application- Drying Painted bogie frame parts Type-- Push pull type Air pressure- 5 Kg/cm ² Heat requirement- 160Mcal/hr Temp- 40-60 deg C
Paint Booth	1	nos	Size- W4800mm x L5000mm x H3100mm Application- final painting of bogie Air control- Push pull type Air pressure- 5 Kg/cm ²
Drying Booth	1	nos	Size- W4800mm x L5000mm x H3100mm Application- Drying Painted bogie Type-- Push pull type Air pressure- 5 Kg/cm ² Heat requirement- 160Mcal/hr Temp- 40-60 deg C
Booth with Treatment Plant	1	nos	Size- L30xW12xH7 mtr Application- Washing Type - Wet type
Painting Booth with ETP	1	nos	Size- L30xW12xH7 mtr Application- Under floor painting Type - Wet type
Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Roof painting Ventilation air volume- 3600m ³ /min Air Heater power- 1200 Mcal/hr Type - Dry type
Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Insulator fitting Ventilation air volume- 3600m ³ /min Air Heater power- 1200 Mcal/hr Type - Dry type
Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Floor cleaning Ventilation air volume- 3600m ³ /min Air Heater power- 1200 Mcal/hr Type - Dry type
Painting Booth with ETP	1	nos	Size- L30xW12xH7 mtr Application- Floor primer Type - Wet type
Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Floor foundation Ventilation air volume- 3600m ³ /min Air Heater power- 1200 Mcal/hr Type - Dry type
Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Floor burnishing Ventilation air volume- 3600m ³ /min Air Heater power- 1200 Mcal/hr Type - Dry type

Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Floor sheeting Ventilation air volume- 3600m3/min Air Heater power- 1200 Mcal/hr Type - Dry type
Painting Booth	1	nos	Size- L30xW12xH7 mtr Application- Repair painting Ventilation air volume- 3600m3/min Air Heater power- 1200 Mcal/hr Type - Dry type
Parts Painting Booth	1	no	Size- L30xW12xH7 mtr Ventilation air volume- 3600m3/min Air Heater power- 1200 Mcal/hr Type-Dry type
Gluing Booth	1	no	Size- L30xW8xH7 mtr Ventilation air volume- 2300m3/min Air Heater power- 800 Mcal/hr Type -Dry type

- Qualifying Criterion: Supplier must submit credentials including performance certificate/commissioning certificates of similar Finishing/Painting/Drying Booths/Gluing Booths of similar sizes.
- BHEL may sort vendors based on this EOI.
- Supplier has to give full technical details including spares etc along with budgetary estimate.
- For any queries/clarification the following BHEL official may be contacted.

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The Expression of Interest (EOI) has to be reached to the above addressee or tender box on or before 03.45 pm 18.02.2013. EOI will open at 2.00 PM 19.02.2013