

1. Supply and E & C of various Cutting / Welding Robots for manufacturing of SS METRO COACH

➤ The brief details with applications are attached-

S. No.	ITEM Description	Qty.	unit	Broad specification of machine
1	Groove Gas Cutting Robot	1	no	Robot type- 5 axis joint robot Groove size : 0 ~ 50° Maximum thickness : 9 ~ 50 mm Arm reach- 1 mtr Control- CNC
2	Plasma Cutting robot	1	no	Robot type- 5 axis joint robot Plasma output device current : 40~200A Max. thickness : 25 mm(Min) Arm reach- 500 mm Control- CNC
3	Reinforcing Rib Welding Robot	1	no	Type- 5 axis Max. X-traverse size : 5 m(Min) Welding machine rating- 500A(Min) Arm reach- 1 mtr Control- CNC
4	Side Frame Welding Robot	1	no	Type- 5 axis X-traverse : 5 m(Min) Z-traverse : 3 m(Min) Arm reach- 1 mtr Welding machine rating- 500A(Min) Control- CNC

- Qualifying Criterion: Supplier must have at least one successful installation of Cutting / welding Robots for similar application.
- 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