

Ecotone Systems Pvt. Ltd.

(An ISO 9001:2015 Co., CIN No: U31907DL2015PTC282603)

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Ref: ESPL/SS/6015

Dated: June 7, 2019

M/s L&T Construction

Delhi

Kind. Attn: Mr. Sushil Shinde

Contact: - 9987391261, SUSHIL-SHINDE@lntec.com

Subject: - **Absorptive Type Metallic Noise Barrier**

Dear Sir,

Refer to your inquiry and discussion held, please find attached offer of noise barrier of two type as under.

SPECIFICATION OF NOISE BARRIER

ACOUSTICAL METAL PANELS: - Acoustic panels and there components shall pre-fabricated, sectional, all metal-clad, modular and designed for easy and accurate field assembly. The panels and there components shall not be susceptible to damage due to extended exposure to vibration, air temperature or humidity with the passage of time.

PANEL CONSTRUCTION: - All panels are 94 mm thick .The panel construction consists of solid GI sheet laminated on outer face and ultra micro perforated GI sheet on inner face / towards noise source. The panels shall be connected together by means of a tongue and groove connection and held together rigidly. Each panel shall be filled with sound absorbing & dampening materials confirming to IS 8183 that are inert, mildew-resistant, vermin proof and incombustible. The top of barrier covered with 'C' channel bolted to vertical column. The panels having 35 STC value.

STRUCTURE: - The entire acoustic barrier system shall be self supporting. Structure of noise barrier will be made out of MS "H" Beam of size 120 mm x 114 mm. The noise barrier column fitted with 15mm thick ms base plate to fix with 'J' bolt or dash fastener easily. The design of structure will be suitable up to 2.50 meter height.

OUTER FINISH: - All Noise Barrier panels and holding structure all are powder coated in desired color shade.

TECHNICAL SPECIFICATION:-

- Laboratory measurement of airborne sound as per IS-9901(Part III) – 1981, DIN 52210 part IV – 1984, ISO : 140 (Part III) – 1995, Performance 35 STC Value
- **Noise Barrier Structural Elements confirming to IS 875-P3 and IS -800 for stability against wind load in particular zone.**
- Type of wall - Double skin insulated wall
- Outside sheet – Plain GI sheet, 1.0 mm thick & inner sheet will be 0.5mm thick ultra Micro perforated 0.6 to 0.8mm dia perforation.
- Acoustic material – sound dampening & absorbing sheets
- Panel joint - Each panel having tong & groove to joint perfectly with each other
- Top cover: - all acoustic panels covered at top with top cover made of GI sheet bolted to column
- Finish: - All metallic surfaces are powder coated desired color shade.

SILENT FEATURES:-

- The ECOTONE™ Noise barrier is designed to fulfill both acoustic and non acoustic aspects & Properties. The noise barrier is designed complete ecofriendly, aesthetically good /As per location / Finish & Shapes.
- Noise Barrier Structure is designed according to wind Pressure in Particular area and it is Firm & Stiff Structure to fulfill Safety Norms. And it is designed aesthetically to create Positive Atmosphere and to reduce potentiality of Negative effects.
- Noise Barrier shields/reflects / absorb the Noise generated from the noise source.
- Noise Barrier is Designed Vertically and is slightly bending at the top, to diverse the noise from the Origin.
- The Barrier is designed to achieve 35 dB STL
- Noise Barrier joints are designed with rubber gasket to block the Noise Leakage.
- The all material used in barrier is Fire resistance / non- combustible
- The Height of barrier is 2.5 meter
- The noise barrier having plain metallic surface means minimum maintenance & easy to clean.

COMMERCIAL

Sl.no.	Description	Qty	Unit Price	Amount (Rs.)
01.	Supply of Absorptive Type Metallic Noise Barrier Panel, Column & fixtures as per above given specifications. Area – 35000 x 2.5 m (Height) = 87500 Sq.m	87500 Sq.m	6980.00	608125000.00
02	Fitting of Noise Barrier at site	87500 Sq.m	800.00	70000000.00
			Total =	678125000.00

Note:-

- 1) Any type of Civil work shall be on client's scope
- 2) Unloading / Shifting / Store / Security etc shall be provide by client
- 3) Electricity Supply shall be provide by client
- 4) Dash Fastener / J/ U bolt shall be on client's scope

TERMS & CONDITIONS:

Price	Ex - works at Noida, Freight shall be charged Extra as actual
IGST	Extra @ 18%
Delivery	Lot wise Delivery will starts from 10 th week from the date of receipt of your conformed purchase order
Offer validity	60 day's
Payment Terms	50 % Advance along with Confirmed Purchase Order & Balance against Proforma Invoice / before dispatch of material
Packing	Packaging will be charged extra if required. We only provide poly wrap packing.
Legalities	Order once issued cannot be cancelled. Any legal issue if involved will be subject to New Delhi Courts
Force Majeure Clause	Our equipment's are subject to Force majeure condition.

We hope that you will find the above in line with your requirement and shall place your valued order with us.

Thanks and Regards

For ECOTONE SYSTEMS PVT. LTD.

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