

Tender Inviting Authority:		SO(E&M)/ H					
Name of the Work / Contract No:		Supply, installation, testing and commissioning of Early Streamer Emission (ESE) advance lightning protection system at weighbridges installed within Hazaribagh Area					
.	Category of Services (To Be Selected by Department)		Category of Bidder (To Be Selected by Bidder)	To Be Entered by Department			
ITC Available	Works Contract		Bidder's Status (Mandatory)	Rate of GST (in %)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :			Select	18	0.00	0.00	0.00
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
SL No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1	Erection of steel tubular or rail pole strut in cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and secured with holding clamps, bolts, nuts, etc. as required.	15	No			0.00	INR Zero Only
2	Supply, installation, testing and commissioning of Early Streamer Emission (ESE) advance lightning protection system along with accessories with horizontal protection radius of 107m minimum. 1. The system shall comply with the Directorate General of Mines Safety (DGMS) Technical Circular No. 10 of 2020, issued from DGMS, Dhanbad on 23.06.2020. 2. The ESE-based lightning protection system shall provide a horizontal protection radius of 107 meters with a minimum efficiency of 98%, ensuring robust coverage against lightning strikes. 3. The lightning arrestor shall be mounted on a 7-meter mast, complete with high-grade insulators and stay wire accessories to ensure structural stability and electrical isolation. 4. The system shall include a minimum 50 sq.mm single-core copper conductor cable, with a length of at least 50 meters, connecting the lightning arrestor to the earth termination system. 5. A digital lightning strike counter with IP67 ingress protection rating shall be integrated into the system. The counter must operate independently without requiring any external power source. 6. The system shall incorporate two (02) maintenance-free chemical earthing units to ensure effective and long-lasting grounding performance. 7.Each earth pit shall be equipped with a durable PVC or FRP chamber cover to safeguard the earthing components and facilitate inspection and maintenance.	15	No			0.00	INR Zero Only
3	Total impact of GST for the purpose of CTC	1.00	No		0.00	0.00	INR Zero Only
Total In Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					