

ATTACHMENT "A"
150KV OUTDOOR, SOLID-CORE, CYLINDRICAL POST INSULATORS WITH
EXTERNAL METAL FITTINGS

All bidders must provide the following data. Failure to comply in full, shall constitute sufficient reason for rejection of the offer.

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|--|-----------------|
| 1. Type | : C8-750-4x50 |
| 2. Manufacturer | : Sinoma |
| 3. Ambient temperature range during operation | : +45°C ~ -25°C |
| 4. Material of the outer housing of the insulators | : Porcelain |
| 5. Material on the inner part of the insulators | : Porcelain CKO |
| 6. Color of the porcelain | : Grey |
| 7. Designation of the insulators as per IEC-60273 | : |
| 8. Power frequency withstand voltage wet | : 325kV |
| 9. Lightning impulse voltage withstand | : 750kV |
| 10. Height of the insulators | : 1700 mm |
| 11. Creepage distance of the outer housing | : 4x50 mm |
| 12. Failing load | : |
| a. Bending | : 8kN |
| b. torsion | : 4kN.m |
| c. tension | : 70kN |
| d. compression | : 200kN |

13. Maximum nominal diameter of the insulating part : 220 mm
14. Bottom metal fitting pitch circle diameter : 127mm
15. Top metal fitting pitch circle diameter : 127mm
16. Type of material of all metal fittings : S.G. iron, hot-dip galvanized
17. Number of units of which the insulators consist : 1
18. Number of bolts and thread for the top metal fitting : 4-M16
19. Number of bolts and thread for the bottom metal fitting : 4-M16
20. Nominal maximum diameter of mounting face of all metal fittings : 159
21. Are all connecting parts such as bolts, nuts and washers part of the supply? NO bolts, nuts and washers.
22. Are all connecting parts such as bolts, nuts and washers of hot-dip galvanized steel? NO bolts, nuts and washers.
23. Weight of each insulator : 9.7kg

ATTACHMENT "A"
30KV OUTDOOR, SOLID-CORE, CYLINDRICAL POST INSULATORS WITH
EXTERNAL METAL FITTINGS.

All bidders must provide the following data. Failure to comply in full, shall constitute sufficient reason for rejection of the offer.

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| 1. Type | : 08-250-1300 |
| 2. Manufacturer | : Sinoma |
| 3. Ambient temperature range during operation | : +45°C ~ -25°C |
| 4. Material of the outer housing of the insulators | : Porcelain |
| 5. Material on the inner part of the insulators | : Porcelain C.BD |
| 6. Color of the porcelain | : Grey |
| 7. Designation of the insulators as per IEC-60273 | : |
| 8. Power frequency withstand voltage wet | : 95kV |
| 9. Lightning impulse voltage withstand | : 250kV |
| 10. Height of the insulators | : 560 mm |
| 11. Creepage distance of the outer housing | : 1300 mm |
| 12. Failing load | : |
| a. Bending | : 8kN |
| b. torsion | : 25 kN.m |
| c. tension | : 40kN |
| d. compression | : 100kN |

13. Maximum nominal diameter of the insulating part : 201mm
14. Bottom metal fitting pitch circle diameter : 127mm
15. Top metal fitting pitch circle diameter : 127mm
16. Type of material of all metal fittings : S.G. iron, hot-dip galvanized
17. Number of units of which the insulators consist : 1
18. Number of bolts for the top metal fitting : 4-M16
19. Number of bolts for the bottom metal fitting : 4-M16
20. Size of the bolt holes for all metal fittings : M16
21. Nominal maximum diameter of mounting face of all metal fittings : φ159
22. Are all connecting parts such as bolts, nuts and washers part of the supply? : No bolts, nuts and washers
23. Are all connecting parts such as bolts, nuts and washers of hot-dip galvanized steel? : No bolts, nuts and washers.
24. Weight of each insulator : 26kg