

SECTION - 1

SCOPE, SPECIFIC TECHNICAL REQUIREMENTS & QUANTITIES

1.1.0 SCOPE

1.1.1 The scope of work under this specification is Piling Work of 765kV/400kV Agra UPPTCL (New) Substation, being executed by BHEL on turnkey basis. The Employer is POWERGRID Corporation of India Limited. The owner is Uttar Pradesh Power Transmission Corporation Limited.

1.1.2 The Civil Works shall generally include, *but not limited to*, following:
(i) Piling work
(ii) Pile testing
(iii) Any other work felt necessary for the above project.

1.1.3 The works to be performed in the above constructions include preparation of bar bending schedules, based on the drawings released for construction and getting the same approved by the Engineer-in-charge plus the execution of the work including providing of all labour, supervision, materials, scaffolding, power, fuel, construction equipments, tools and plants, supplies, transportation, all incidental items necessary for successful completion of the work including contractor's supervision and in strict accordance with the drawings and specifications and with inspection and testing standards. The nature of work shall generally involve boring, installation of cast in situ piles including dewatering, shoring, strutting, backfilling with available excavated earth around completed structures, disposal of surplus soil, concreting including reinforcement, Vertical, lateral, uplift testing of piles etc., all complete as per detailed specification, drawings and directions of Engineer-in-charge.

1.2.0 SPECIFIC TECHNICAL REQUIREMENTS

1.2.1 All technical requirements for piling Works shall be as per POWERGRID Technical Specification (Refer SECTION 3)/CPWD specification/IS Codes.

1.3.0 BILL OF QUANTITIES CUM PRICE SCHEDULE

1.3.1 The Bill of Quantities cum price schedule shall be as per page 1.3 to 1.4.

1.3.2 The quantities indicated in the 'Bill of Quantities cum price schedule' are indicative and can vary to any extent. Contractor shall not be entitled for any claim for any such variation in the quantities.

- 1.3.3 The provision of Bill of Quantities cum price schedule, specifications and drawings shall be read in conjunction with each other and in case of conflict amongst them, the clarification shall be obtained from the Engineer-in-Charge whose decision shall be final and binding.
- 1.3.4 The mode of measurement shall be as per POWERGRID Technical Specification (Refer SECTION 3).