

SECTION - 1

SCOPE, SPECIFIC TECHNICAL REQUIREMENTS & QUANTITIES

1.1.0 SCOPE

1.1.1 The scope of work under this specification is Civil Works of 66kV GIS building at Dahej in Gujarat being executed by BHEL on turnkey basis. The Customer is ONGC Petro Additions Ltd (OPAL).

1.1.2 The Civil Works shall generally include, *but not limited to*, following:
(i) All civil works of 66kV GIS building above plinth level.
(ii) Any other work required for the project.

1.1.3 The works to be performed in the above construction includes 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 (**excluding structural steel for part-2 which shall be supplied by BHEL free of cost**), 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 formwork, deck shuttering, providing necessary steel embedments and other inserts, supply, fabrication and erection of structural steel column, beams, gantry girders etc. preparation of fabrication drawings, conducting non destructive and special welding tests if required, concreting, brickwork, stone cladding, flooring and finishing etc. and other works in GIS building all complete as per detailed specification, drawings and directions of Engineer-in-charge.

1.2.0 SPECIFIC TECHNICAL REQUIREMENT

1.2.1 The specific technical requirements for the execution of civil works shall be as per Customer's Specification (Section-3) / CPWD Specification. In case of any conflict between these, Customer's Specification shall prevail.

1.3.0 BILL OF QUANTITIES

1.3.1 The Bill of Quantity cum Price Schedule (Part I- Percentage Rate & Part II- Item Rate) shall be as per page 3 to page 19

- 1.3.2 The quantities indicated in the 'Bill of Quantity 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 Quantity 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 Method of measurement:
Unless otherwise described the method of measurement as described in 'Method of Measurement of Building and Civil Engineering Works'-IS 1200(Part I to XXV) latest edition of BIS shall be followed.