

ANNEXURE-01**AMENDMENT OF BOQ****Civil works of Unit-1 & 2 at 2 x 600 MW Athena Vedanta****Details of extra items , quantity variations**

S. No	Description of Item	UOM	BOQ QTY	Executed QTY	Expected QTY
1	A202. Concrete of grade M7.5 (nominal mix) as lean concrete, filling course, levelling course, mud mat under and around foundations/floors at any depth below finished floor level etc. Providing and laying Design Mix cement concrete conforming to IS:456 & IS 10262- 2009 for reinforced concrete works with fine aggregate and graded hard stone aggregate of 20mm nominal size in foundations/substructure, grade slab, paving, drains, under floors etc at all level below finished floor level, any shape, position or thickness etc complete including use of plasticizer/ superplasticizer conforming to IS:9103 (latest) to achieve required slump in concrete all complete as per specification & drawing for the following.	M3	500	552	11000
2	1601.a. 12 mm thick GRG board with galvanised light gauge steel load bearing supporting GI frame and finished flat (seamless). FALSE CEILING: False ceiling including all labour, material (unless otherwise specified in BOQ/contract specification), equipment, transportation, handling, suspension system etc at all level as per specification, drawings and as directed by engineer - in - charge for the following: Providing and fixing glass fibre reinforced gypsum plaster board (GRG) ceiling (having gypsum core mixed with glass fibre) system consisting of metal supporting grid system forming panels of specified size, suspended from RCC slab/structural steel or catwalkway grid above with 4 mm (minimum) galvanised wires (rods) with special height adjustment clips, including preparation of working drawing, providing openings for AC ducts, return air grills, light fixtures etc (but excluding the cost of catwalkway grid) all complete as per drawings, specification and instructions of the engineer.	M2	300	150	2000
3	Supplying and fixing rolling shutters of approved make, made of required size G.I. laths, interlocked together through their entire length and jointed together at the end by locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS:4454-part 1 and G.I top cover of required thickness for rolling shutters.				
a	Manual operated	M2	0		50
b	Mechanical operated	M2	0	95	450
c	Electrical Operated	M2	280		450

S. No	Description of Item	UOM	BOQ QTY	Executed QTY	Expected QTY
4	Earth work in Embankment/bund formation , roads including all labour, material, equipment, transportation etc. as per specification drawing, relevant IRC & IS codes and as directed by the Engineer-in-charge for the following:excavating earth to required depth for all types of soil, excluding rock, dressing to camber and consolidating the base including earth within a lead upto 1 km etc. all complete.	M3	0		500000
5	Dismantling of RCC/ Concrete using Manual or Mechanical Equipments and disposal of the debris lead upto 1.5 Km	M3	0	250	400
6	Providing , Fabrication and fixing of Edge angle as directed by the engineer- incharge	MT	0		100
7	Providing , Fabrication and fixing of insert plate as required and directed by the engineer-incharge	MT	0		10
8	Providing precast and pacing on drain as directed by the engineer- incharge.	M3	0		400
9	Providing and laying of PPG lining	M2	0		800
10	Providing and placing on terrace (at all floor levels) polyethylene water storage tank of 1000 lit capacity, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	NOS	0		10
11	1001 A.Using fly ash lime bricks confirming to IS 12894 with crushing strength of 75 kg/cm2 (including cost of cement for brick making) BRICKWORK: Brickwork masonry including all labour, material (unless otherwise specified in BOQ/contract specification), equipment, transportation, handling, scaffolding etc. at all levels as per specification, drawings and as directed by engineer - in - charge for the following: Providing brick work in cement mortar 1:6 (1 part cement 6 parts fine aggregate) in walls, chambers etc. in thickness varying from 230mm to 460mm at all depths, places and positions below & above plinth including raking out joints, curing, scaffolding etc. complete excluding plastering and painting.	M3	350		2000