

 BHEL Maharatna Company	SCOPE OF WORK OF THE CIVIL WORKS	DOCUMENT NO. 4-FW-000-00968
		REV.NO. 0 DATE : 05/02/2020
		SHEET 1 OF 2

DOCUMENT NO. 4-FW-000-00968

**SCOPE OF WORK FOR THE CIVIL WORKS OF
“REFURBISHMENT OF FGD SYSTEM”
AT NTPC BONGAIGAON (3X250 MW), KOKRAJHAR DIST,
ASSAM**



**Bharat Heavy Electricals Limited
Boiler Auxiliaries Plant
Raniper - 6, Tamilnadu**



SCOPE OF WORK OF THE CIVIL WORKS

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The broad scope of work under this package shall include civil, structural and architectural works related to but not limited to the following areas, systems, structures/substructures and facilities.

Area/Facility/Foundaitons	Unit#1	Unit#2	Unit#3	Common Facilities
Piling, Pilecap and associated works for Absorber foundations. • This includes integration of existing and new pile cap with drilling holes in concrete, inserting dowels, anchoring dowels with special grout, extending the reinforcement from dowel bar etc. Also, providing RCC/PCC above existing pile cap to make it suitable for new Absorber is also part of this scope.	Applicable	Applicable	Applicable	-
Foundation (pile and pilecaps) and associated works for Primary Hydrcyclone Tanks.	-	-	-	Applicable
Foundation and associated works for various pumps like Gypsum Bleed Pumps, PHF pumps etc).	Applicable	Applicable	Applicable	Applicable
Drains and trenches.	Applicable as per site condition			
Dismantling and reconstruction of paving.	Applicable as per site condition			
RCC Slab and associated work over Limestone Silo Structure.	-	-	-	Applicable

Any other facilities, foundations and structural works though not specifically covered but required to complete civil, structural and associated works for Refurbishment of FGD System shall also be in the scope of this package.

The work shall generally involve site levelling, site clearance, excavation and filling, piling, cast-in-situ concrete works, reinforcement, formwork and staging, embedded parts, grouting, joints in concrete, dismantling, chipping and making an opening in PCC/RCC, structural steel fabrication and erection, masonry and allied works, sheeting and allied works, water proofing, dismantling/ demolition of existing structures, disposal of debris etc. all complete.

The BoQ for the scope of work (BAP-FGD-DCFS-BGAON-CIVIL-BOQ-001) is furnished as an annexure to this document.

Details of the items under the schedule of quantities shall be read in conjunction with the corresponding technical specifications (4-FW-000-00969) drawings, General Conditions of Contract, Special conditions of contract and other tender documents.