

## Annexure II for Group-D

### (For CHAMBER of Size 0.90 m X 0.90m)

**Item no.1:** Earthwork in excavation for foundation trenches of walls , retaining walls, footing of columns, steps ,septic tanks etc. including refilling the quantity as necessary after completion of work, breaking clods in return filling including dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified bailing out water where necessary as directed and specified . (A) Up to a depth of 2m below the existing ground level (d) In medium rock of hard shale

**Item no.2:** Providing soling in foundation and under floor at all levels with stone/best quality picked Jhama bricks , sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials complete a) Brick flat soling

**Item no.3:** Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing , steps ,walls ,brick works etc. as directed and specified including curing complete. b) In prop. 1:3:6

**Item no. 4 :** Supplying ,fitting and fixing in position reinforcement bars for R.C.C. work including straightening , cleaning , cutting and bending to proper shapes and length as per details , supplying and binding with 20G annealed black wire and placing in position with proper blocks , supports , chairs , spacers etc. complete

(ii)Super Ductile (SD) TMT reinforcement bars

**Item no.5:** Providing formworks of ordinary timber planking so as to give a rough finish including centering, shuttering , strutting and propping etc.. Height of propping and centering below supporting floor to ceiling and removal of the same of in situ reinforced concrete and plain concrete work

**Item no.6 :** Providing and laying plain/reinforced cement concrete works in prop.1:1.5:3 including curing complete but excluding cost of formwork and reinforcement for reinforced cement concrete work .

a) In sub structure up to plinth level . Foundation, footing , columns with base, tie and plinth beam, pile cap, base slab , retaining walls, walls of septic tank , inspection pit and the like and other works not less than 10 cm thick up to plinth level.

**Item no.7 :** Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.

(b) In cement mortar in proportion 1:4. (1 cement:4 sand)

**Item no.8 :** 12 mm thick Cement Plastering including clearing the surface and curing etc completed b) In prop. 1:4

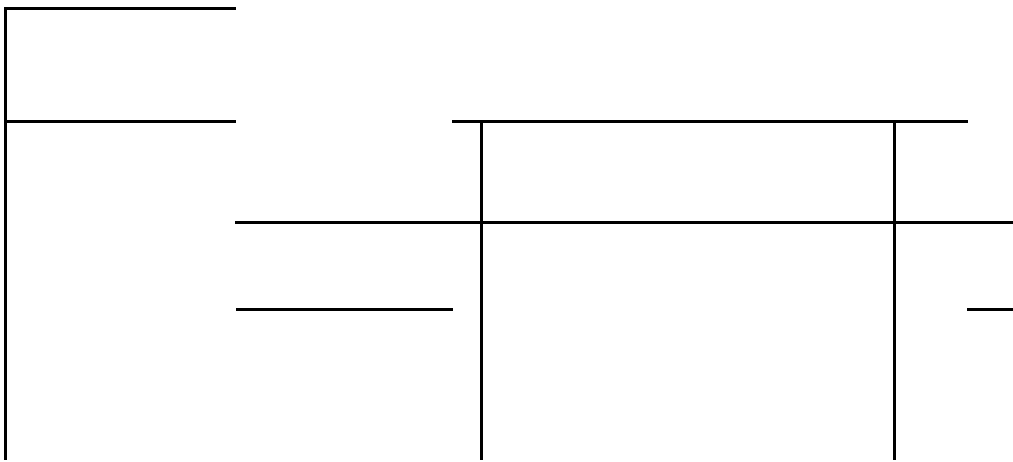




**Annexure I for Group-D**  
**(For Repairing of Pump House)**

Item of Work :

1	Brick soling under foundation and floor with 1st. Class bricks as directed. (i) Flate soling.
2	65mm thick c.c Flooring 1:2:4 finished with a floating coat of neat cement finish to be laid in panels including curing complete as directed.
3	Supplying,fitting and fixing in position reinforcement bars conforming to relevant IScode for RCC works i/c straightening,cutting and bending to proper shape and lengt has per detaile design complete. (iv) 8mm dia T.S for stirrups for Post, Beam & Lintel
4	Providing and laying plain/reinforced cement croncrete works using cement, coarse sand & 20mm down graded stone aggregate with cost of necessary form work including dewatering if necessary, and curing for reinforced cement concrete work complete as directed (Reinforcement will be measured and paid separately)  1.Using Mixer Machine ii) Horizontal members like beam, lintel, girder bressumer etc.
5	15mm thick cement plaster in single coat on wrough side of single or half brick wall i/c curing complete as directed.(i) In propn 1 : 4.
6	Cement plaster skirting with cement mortar in propn. 1 : 3 finished with a floating coat of neat cement i/c rounding of junctions with floor.(i) 15mm thick.
7	Providing and fixing flush door shutters solid core construction with frame of .... c) One face decorative and other face nondecorative type and block board core. iii) 30mm thk.
8	Providing, fitting and fixing M.S. grill of required pattern..... squire or round M.S. bars with round headed bolts and nuts or screws. II Ornamental grill (c) Fixed to Brickwork/P.C.C/R.C.C.
9	g) Distempering with dry distemper of approved brand and manufacture (twocoats) and of required shade on new wall surface.... and including preparing surface even and sand papered smooth.







**Annexure-III for Group-D**  
**(For New DTW)**

Item of Work :

Si. No	Item
1	Preparation of site for placement of the drilling rig including excavation of mud pit, circulation drain, collection chamber etc. all complete as directed.
2	Movement of Rig to the drilling site including cost of POL all complete as directed and Transportation of air compressor of Kirloskar make 540 CFM, 10.5 kg. / sq. cm. with all accessories including cost of POL all complete as directed.
3	Transportation of all store materials like pipes, strainer, cone, socket, clamp, bentonite etc. including cost of POL all complete as directed and Transportation of air compressor
4	Boring in soft soil / normal clay / sandy soil by bit of size either 5 5/8" or 6 7/8" or 7 7/8" and collecting sample of soil at every 3.0 m depth or wherever there is a change of strata in sample boxes with the distinguishing marks including arranging and carriage of necessary boring materials / tools etc. and withdrawing the drill pipe for lowering well assembly etc. all complete as directed.
5	Boring in hard soil / pebble / gravel by bit of size either 5 5/8" or 6 7/8" or 7 7/8" and collecting sample of soil at every 3.0 m depth or wherever there is a change of strata in sample boxes with the distinguishing marks including arranging and carriage of necessary boring materials / tools etc. and withdrawing the drill pipe for lowering well assembly etc. all complete as directed.
6	Reboring in soft soil / normal clay / sandy soil by bit of size either 8 1/2" or 9 5/8" or 12" from either bit of size either 8 1/2" or 9 5/8" or 12" from either 5 5/8" or 6 7/8" all complete as directed.
7	Reboring in hard soil / pebble / gravel by bit of size either 8 1/2" or 9 5/8" or 12" from either bit of size either 8 1/2" or 9 5/8" or 12" from either 5 5/8" or 6 7/8" or 7 7/8" all complete as directed.
8	Reboring in soft soil / normal clay / sandy soil by bit of size either 14" or 16" or 18" from either 8 1/2" or 9 5/8" or 12" all complete as directed.
9	Drilling with drill bit in overburden portion of soil formation including collection of soil sample at every 3.0 m depth wherever there is a change of strata in sample boxes.... With 245 mm to 300 mm dia drill bit.
10	Casting / sinking / lowering of 200 mm dia MS pipe including cost of pipe and labour charge for casting welding of joints.... As directed by department.
11	Drilling with drill rig using D.T.W. in all kinds of rock formation including collection of soil sample at every 3.0 m depth wherever there is a change of strata in sample boxes.... Washing the well as per direction of the department all complete including testing of yield and drawdown of SWL of the DTW in presence of engineer/ ... as directed by the department.
12	Reboring in hard soil / pebble / gravel by bit of size either 14" or 16" or 18" from either 8 1/2" or 9 5/8" or 12" all complete as directed.
13	Extraction of drilling pipes / bits against skin friction at the end of each day and after completion of the operation including washing of the bore hole all complete as directed.
14	Lowering / sinking of well assembly including pipe joints for 200 mm dia UPVC casing pipe, strainer all complete as directed.



15	Developing of the DTW with air compressor, make-Kirloskar / Cumins all complete as directed.
16	: Supplying fitting and fixing pipes of suction pipes plain / bevel ended conforming to relevant IS code of practice including suppling and fitting of accessories .... completed as directed. For existing well A) G.I. pipe. vii) 80 mm dia
17	Supplying and packing pea gravel around the periphery of casing including screening, washing etc. all complete as directed.
18	Supply of Bentonite clay
19	Supply of UPVC Casing (CM) pipe (i) 200 mm dia
20	Supply of UPVC Screen Pipe (Ribbed type) (i) 200 mm dia
17	M.S. rope (plastic coated) for tie the pump motor set
18	Supply and fitting, fixing of End Cape
19	Supplying fitting , fixing MS clamp ... as directed by department

## Annexure V for Group-D

### (For 10 .00 RM Boundary Wall)

**Item no.1:** Earthwork in excavation for foundation trenches of walls , retaining walls, footing of columns, steps ,septic tanks etc. including refilling the quantity as necessary after completion of work, breaking clods in return filling including dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified bailing out water where necessary as directed and specified . (A) Up to a depth of 2m below the existing ground level  
a) In ordinary soil

**Item no.2:** Providing soling in foundation and under floor at all levels with stone/best quality picked Jhama bricks , sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials complete  
a) Brick flat soling

**Item no.3:** Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing , steps ,walls ,brick works etc. as directed and specified including curing complete. b) In prop. 1:3:6

**Item no. 4:** Supplying ,fitting and fixing in position reinforcement bars for R.C.C. work including straightening , cleaning , cutting and bending to proper shapes and length as per details , supplying and binding with 20G annealed black wire and placing in position with proper blocks , supports , chairs , spacers etc. complete

(ii)Super Ductile (SD) TMT reinforcement bars

b) 8 mm stirrup

**Item no. 5 :** Providing formworks of ordinary timber planking so as to give a rough finish including centering, shuttering , strutting and propping etc.. Height of propping and centering below supporting floor to ceiling and removal of the same of in situ reinforced concrete and plain concrete work

(ii) Using 25mm thick plank

**Item no. 6:** Providing and laying plain/reinforced cement concrete works in prop.1:1.5:3 including curing complete but excluding cost of formwork and reinforcement for reinforced cement concrete work .

a) In sub structure up to plinth level . Foundation, footing , columns with base, tie and plinth beam, pile cap, base slab , retaining walls, walls of septic tank , inspection pit and the like and other works not less than 10 cm thick up to plinth level.

b) In super structure from plinth level (ii) Columns, pillars, posts, struts, suspended floor, roof,shelf and support, balcony, lintel, beam, girder, bressumer, cantilever, staircase including preparing the top surface landing, and furnishing of nosing .

**Item no.7:** Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.

(b) In cement mortar in proportion 1:4. (1 cement:4 sand)

**Item no.8 :** 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately)

(A) 112mm thick brick wall (a) In cement mortar in proportion 1:4. (1 cement:4 sand)

Item no.9: 15 mm thick Cement Plastering including clearing the surface and curring etc complited  
b) In prop. 1:4

Annexure-IV for Group-D  
FOR Servicing/ refurbishment of Transformer

SL. No.	
1	Supply of Gas kit, oil seal along with opening &
2	Supply, fitting & fixing of whole tight
3	Supply, fitting & fixing of HT Stud
4	Supply, fitting & fixing of LT Stud
5	Supply, fitting & fixing of HT Conical washer
6	Supply, fitting & fixing of LT Conical washer
7	Supply, fitting & fixing of Backlight tube, sleebing tube,
8	Supply & filling of EHV Transformer new oil
9	Supply, fitting & fixing of transformer all body printing
10	Supply, fitting & fixing of H.T. Coil
11	Repairing charge of transformer
12	L.T. Coil welding & rewinding
13	Labour charges for carrying, fitting & fixing