

## Annexure II for Group- C

### (For CHAMBER of Size 0.90 m X0.90m)

**1 No. Item.** 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

**2 No. Item:** 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

**3 No. Item:** 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

**4 No. Item:** 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

**5 No. Item :** 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

**6 No. Item :** 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.

**7 No. Item :** 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)

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





**Annexure-I for Group-C**  
**(For 1 Set Pump House)**

Item of Work :

1	Earth work in excavation for foundation trenches for wall, column etc. as directed . (A) Upto Depth of 2.00M below the existing G.L. (i) In Ord. Soil.
2	Brick soling under foundation and floor with 1st. Class bricks as directed. (i) Flate soling.
3	P. C . C. work with coarse agg. 13mm to 38mm in propn. 1:4:8 completed as directed
4	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. (i) 16mm dia & 12mm da. T.M.T for  (ii) 10mm dia TMT for  (iv) 8mm dia T.S for stirrups for Post, Beam & Lintel
5	Brick work in cement mortar with 1st. Class brick i/c racking out joints and curing complete as directed (i) In propn. 1 : 5.
6	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)  (ii) In super-structure from P.L. to 1st.Floor Level in propn 1 : 1.5 :3  ii) Horizontal members like beam, lintel, girder bressumer etc.
7	Providing earth filling in plinth in layers not more than 150mm thick i/c necessary carriage, wateringramming etc. complete as directed and specified. (b) With hill sand obtained by Truck Crriage
8	Providing & Laying 25mm thick D.P.C. with cement concrete in propn.1 : 1.5 : 3 .with graded stone agg. .... complete as directed
9	112mm thick 1st.Class brick nogged wall in cement mortar embeded with protruding rod i/c racking out joints and curing complete as directed in propn. 1:4.
10	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.
11	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.
12	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.
13	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.
14	Providing, fitting and fixing anodised aluminium sliding windows and ventilators of standard sections of approved brand without horizontal glazing bars, joints mitred and welded..... etc as required complete as specified and directed for all levels. (ii)5mm frosted glass
15	Providing, fitting and fixing M.S. grill of required pattern..... square 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.
16	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.
14	Pre construction anti - termite treatment at the bottom of foundation pits and





### Annexure-III for Group-C

(For New DTW)

Item of Work :

Si. No	Item	Unit
1	Preparation of site for placement of the drilling rig including excavation of mud pit, circulation drain, collection chamber etc. all complete as directed. [As per SOR PHED ASSAM 2015-16]	No
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.	Job
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	Job
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. [As per SOR PHED ASSAM 2015-16]	m
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. [As per SOR PHED ASSAM 2015-16]	m
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. [As per SOR PHED ASSAM 2015-16]	m
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. [As per SOR PHED ASSAM 2015-16]	m
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. [As per SOR PHED ASSAM 2015-16]	m
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.	m
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.	m
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	m



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.	m
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.	m
14	Lowering / sinking of well assembly including pipe joints for 200 mm dia UPVC casing pipe, strainer all complete as directed. [As per SOR PHED ASSAM 2015-16]	m
15	Developing of the DTW with air compressor, make-Kirloskar / Cumins all complete as directed. (With DTH machine at 24 kg /sqcm pressur minimum 16 hours or till clear order discharge by the discharge) [As per SOR PHED ASSAM 2015-16]	hr
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	m
17	Supplying and packing pea gravel around the periphery of casing including screening, washing etc. all complete as directed.	cum
14	Supply of Bentonite clay	MT
15	Supply of UPVC Casing (CM) pipe (i) 200 mm dia	m
16	Supply of UPVC Screen Pipe (Ribbed type) (i) 200 mm dia	m
17	M.S. rope (10-12MM) (plastic coated) for tie the pump motor set	m
18	Supply and fitting, fixing of End Cape [As per market price]	set
19	Supplying fitting , fixing MS clamp ... as directed by depertment	set