

## Annex-A

Work details for Elevated Water Tank					
Sr.No	Description of Items	Total Quantity	Unit	Unit Cost	Total Amount
1	<b>Earth Work</b>				
	Earthwork in excavation in foundations & getting out the earth with lead up to 15 meters or 50 ft	6610.00	Cft		
2	<b>Earth Work Filling</b>				
	Earthwork returning, filling in, including watering and ramming in layers, 15 cm (6 inch) thick inside above GL.	424.00	Cft		
3	<b>PCC 1:4:8</b>				
	Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:4:8)	62.510	Cft		
4	<b>Brick Masonry</b>				
	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing upto 4.5" (115 mm) nominal thick brick work Cement sand 1 : 3	229.31	Cft		
5	<b>PCC 1:4:8</b>				
	Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:4:8)	62.51	Cft		
6	<b>RCC 1:1.5:3</b>				
	Providing and laying plain machine mixed cement concrete (1:2:4) using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing.	296	Cft		
7	<b>RCC 1:2:4</b>				
	Providing and laying plain machine mixed cement concrete (1:2:4) using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing.	575.78	Cft		
8	<b>Reinforcement</b>				
	Providing, fabricating and laying deformed Grade 40 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height	1.745	Tone		
9	<b>Plastering with 1:3</b>				
	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. using 1 : 3 Ratio.	1780.75	Sft		
10	<b>Accessories</b>				
	Detail is below as Annexure 1	1	Job		
11	<b>New Solarized Bore</b>				
	Detail is below as Annexure 2	1	Job		
12	Provision & fixing of GI Pipe 2" Dia	63	Job		
13	Provision & fixing Gate Valve 2" Dia	3	No		
14	Provision & fixing Air Pipe 3" Dia	2	Rft		
15	Provision & laying of PVC Pipe 1.5"	900	Rft		

16	Provision & fixing of Ladder/Stair	40	Rft		
17	Provision & fixing of Grill	115	Sft		
18	Provision & fixing of Bib Cock	10	No		
19	Provision & fixing of Main hole cover	1	No		
20	<b>Sign Board</b>				
	Supply and Installation of 01 Sign Board Complete in all Respect as per IR Design. High = 8 feet, Width = 7 feet	1	Job		
<b>GRAND TOTAL(Inclusive of Taxes, Transportation, Deliveries &amp; Installation)</b>					

Annexure 1			
Detail of Accessories			
Detail of 2 inch Dia Pipes			
Description	Specification	Quantity	Unit
GI pipe inlet(tank)	1.5" dia, one side jury & other side weld with 1' length #4 steel bar @ 9" distance from end	2	ft
GI pipe outlet (tank)	1.5" dia, one side jury & other side weld with 1' length #4 steel bar @ 9" distance from end	2	ft
GI pipe overflow	1.5" dia, one side weld with 1' length #4 steel bar @ 9" distance from end	4.5	ft
GI pipe drain	1.5" dia, one side jury & other side weld with 1' length #4 steel bar @ 9" distance from end	5	ft
GI pipe vertical outlet	1.5" dia, both sides jury	23 cut in 6ft	ft
GI pipe vertical inlet pipe	1.5" dia, both sides jury	28	ft
Detail of 4 inch Dia Pipes			
GI pipe	4" dia, 4 GI sockets of 1/2" dia will be welded as per engineer instructions, one side open & other side will be welded with 2" Dia GI Socket welded at closet side, 4 No #4 steel rods of 1 feet length will be welded @ 6" distance from ends (2 at each side)	10	ft
GI pipe	4" dia, 4 GI sockets of 1/2" dia will be welded as per engineer instructions, one side closed & other side will be welded with 2" Dia GI Socket welded at closet side, 4 No #4 steel rods of 1 feet length will be welded @ 6" distance from ends (2 at each side)	10	ft
Description	Specification	Quantity	Unit
GI pipe	1" dia, double side jury	6	Inch
PVC Pipe	1" dia, White Colored	45	ft
GI pipe	1" dia, double side jury	2.5	ft
GI pipe	1" dia, double side jury	2	ft
Elbow	1" dia	2	Nos
Socket for connecting 1/2" Dia bibcock & GI pipe of 1" Dia	GI	1	No
Description	Specification	Quantity	Unit
Elbow	GI, 2" Dia	8	Nos
Double beral	GI, 2" Dia	4	Nos
Socket	GI, 2" Dia	4	Nos
Socket	GI, 1/2" Dia	9	Nos
Pipe Nipple	GI, 2"x1.5" Dia	3	Nos
Pipe Nipple	GI, 2"x1.25" Dia	1	No

Padlo Powder		6	Kg
Saw Frame	Steel	2	Nos
Saw Blade	Steel	12	Nos
Wire brush	Iron wire brush	1	No
Gloves	Good Quality	2	Set
GI Jury tape		10	Nos
Socket	GI, 2" x 1.5" Dia	1	No
Bush	GI, 1.5" Dia	1	No
Binding wire		5	Kg
Steel pegs	4" length	2	Kg

Annexure-2					
S.No	Description	Quantity	Unit	Unit Cost	Total Cost
1	Drilling of bore in all types of soil except shingle, gravel and rock, From ground level upto 400 ft. below ground level.	400	Rft		
2	Supply and installation of casing pipe with filter 12" in bore hole Laying, cutting, jointing, testing and disinfecting G.I. pipe line including specials, the cost of painting 2 coats with bitumen to pipes as per engineer in charge	400	Rft		
3	Supply and installation of column pipe 12" in bore hole Laying, cutting, jointing, testing and disinfecting G.I. pipe line including specials, the cost of painting 2 coats with bitumen to pipes as per engineer in charge	400	Rft		
4	Solar Panel 300 Watt A Grade Poly Crystalline (Chinees)	30	No		
5	Providing and installation of Solar submersible water pump 20HP stainless. Made in Italy or Equivalent high quality with 10 No Impellers SP-60 for 20 HP Motor as per engineer in charge.	1	No		
6	Supply, Install, connect, test and commission of SOLAR INVERTER 10kv (Chinese) & accessories	1	No		
7	Solar Mounting Frame Fixed	30	No		
8	Ac 4 Core Cable 4mm	400	Rft		
9	7/29 Cable For Panel Connections	260	Rft		
10	Safety Rope	400	Rft		
11	Float Switch	1	No		
12	Accessories	1	Job		
<b>GRAND TOTAL(Inclusive of Taxes, Transportation, Deliveries &amp; Installation)</b>					

Scope of Work(Detail of Work)	
S. No	Description
1-	Bore Hole drilling complete in all respect
2-	Construction of Elevated Water Tank complete in all respect
3-	Solar Hardware complete in all respect
4-	Sign Board