

OPTIONAL RATES FOR DI K7 PIPES AND OF PN 16 RATINGS :

OPTIONAL RATES FOR DI K7 PIPES AND OF PN 16 RATINGS

Description of Items	Approximate Quantity	Price Offered in Rs.
Supply of Pipes, specials, Fittings, Accessories as per specifications prescribed in relevant national and international codes & specifications described in technical bid document including testing at factory of production including marking of manufacture detail, pressure rating not below PN 16 including coating, lining & transportation and loading, unloading at Employers/ Contractors site store as will be directed by the Engineer all complete.		
DI K7 DN 100mm	210945.33m	277,999,000
DI K7 DN 150mm	51336.06m	99,553,000
DI K7 DN 200mm	47401.43m	108,157,000
DI K7 DN 250mm	39979.85m	120,000,000
DI K7 DN 300mm	28807.75m	108,000,000
DI K7 DN 350mm	22222.26m	105,424,000
DI K7 DN 400mm	13644.49m	76,876,000
MS 450mm	9244.21m	70,880,000
MS 500mm	10321.90m	87,528,000
MS 600mm	9736.08m	99,853,000

COMMON INDIA LTD.

[Signature]
 Authorised Person
 Contractor

Chief Executive Officer
 Guwahati Metropolitan Development Authority

Page - 10



15
 Chief Executive Officer
 Guwahati Metropolitan Dev. Authority.

107MLD capacity Potable Water Supply Project for Guwahati City

Itemwise price breakup

Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
1.(b)	Supply of CI valves national/ international make and as per technical specification mentioned in the technical bid document of all sizes of type gate valves (non rising spindle), Butterfly valves, check valves and other control valves for automatic closing devices, air admission & venting (Doujet type) of all sizes with both internally and externally coated & pressure ratings not below PN 16 of different sizes as shown in network drawing including coating, lining & transportation and loading unloading at Employers/ Contractors site store as will be directed by the Engineer all complete.				
	ISOLATION VALVE				
	400mm dia	30	Nos.	66600	1,998,000
	1200 mm dia	5	Nos.	1137000	5,685,000
	GATE VALVE				
	100 mm dia	800	Nos.	6300	5,040,000
	150 mm dia	300	Nos.	9400	2,820,000
	400 mm dia	150	Nos.	63300	9,495,000
	700 mm dia	12	Nos.	279700	3,356,400
	900 mm dia	10	Nos.	492700	4,927,000
	NON RETURN VALVE				
	400 mm dia	5	Nos.	85300	426,500
	900 mm dia	8	Nos.	700900	5,607,200
	BUTTERFLY VALVE				
	900 mm dia	12	Nos.	376200	4,514,400
	AIR VALVE				
	100 mm dia	45	Nos.	10500	472,500
	150 mm dia	30	Nos.	18800	564,000
	200 mm dia	45	Nos.	31600	1,422,000
	SCOUR VALVE				
	150 mm dia	60	Nos.	9700	582,000
	300 mm dia	20	Nos.	36600	732,000
	Total amount of ITEM (b)				47,642,000

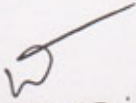


Chief Executive Officer
Guwahati Metropolitan Water Authority



Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
1.(d)	Setting up computerized distribution centre by providing at least 5 computers, 5 set of electronic pipe locations, 5 set of leak detection equipments of which 2 sets shall be leak-noise correlators, sounding rods & other accessories with two vehicles (covered) for carrying man & materials (instruments and arrangement of manpower) for daily running the system obtaining reports in suitable formats including updating pipe network updating as & when necessary.				
1	Central SCADA System				
a	For water supply	1	Lot	7000000	7,000,000
b	For Distribution system	1	Lot	2000000	2,000,000
2	Intake pump House	1	Lot	2000000	2,000,000
3	WTP	1	Lot	2000000	2,000,000
4	WTP clear water Pump house	1	Lot	2500000	2,500,000
5	West Kamakaya Main Reservoir-1	1	Lot	8000000	8,000,000
6	West Kamakaya Booster Pumping Station-1	1	Lot	1200000	1,200,000
7	Hill top Kamakhya reservoir	1	Lot	8000000	8,000,000
8	Junction 3 - Reservoir	1	Lot	9000000	9,000,000
9	Junction 4	1	Lot	8000000	8,000,000
10	Junction 5	1	Lot	8000000	8,000,000
11	Junction 8	1	Lot	8000000	8,000,000
12	Jalukbari Reservoir J-9	1	Lot	1000000	1,000,000
13	Junction 10	1	Lot	1000000	1,000,000
14	Ganesh para west - Madhav Nagar J-6	1	Lot	1000000	1,000,000
15	Mirjapur ESR J-11	1	Lot	1000000	1,000,000
16	Borjhar ESR J-12	1	Lot	800000	800,000
17	Ganeshpar Central -Durga Sarobar - J-16	1	Lot	500000	500,000
18	Ganeshpara west - booster Pumping station -15	1	Lot	569000	569,000
19	Junction 7 - reservoir	1	Lot	600000	600,000
20	Distribution main	1	Lot	1500000	1,500,000
	Total amount of ITEM (d)				73,669,000
1.(e)	Supply of Electro-magnetic consumer water meters of different sizes (Refer Section E, Clause10 of Technical Document) of good quality as per IS Standard.				
	Domestic Class B of 15 mm to 20 mm				
e.1	Class B of sizes 15 mm	15725	Nos	1884	29,632,940
e.2	Class B of sizes 20 mm	1884	Nos	2715	5,115,060
	Total amount of Domestic Class B of 15 mm to 20 mm				34,748,000
	Commercial Class B of 25mm to 40 mm				
e.3	Class B of sizes 25 mm	292	Nos	4350	1,270,200
e.4	Class B of sizes 32 mm	100	Nos	8138	813,800
e.5	Class B of sizes 40 mm	100	Nos	10000	1,000,000
	Total amount Commercial Class B of 25mm to 40 mm				3,084,000




17
 Chief Executive Officer
 Metropolitan Dev. Authority

Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
	Industrial Water meter with Strainer Class B 50 mm to 200 mm				
e.6	With Stainer NP 10/ANSI B 16.5- 50 mm	700	Nos	14000	9,800,000
e.7	With Stainer NP 10/ANSI B 16.5- 65 mm	400	Nos	16700	6,680,000
e.8	With Stainer NP 10/ANSI B 16.5- 80 mm	287	Nos	20800	5,969,600
e.9	With Stainer NP 10/ANSI B 16.5- 100 mm	25	Nos	28492	712,300
e.10	With Stainer NP 10/ANSI B 16.5- 125 mm	4	Nos	28725	114,900
e.11	With Stainer NP 10/ANSI B 16.5- 150 mm	5	Nos	40800	204,000
e.12	With Stainer NP 10/ANSI B 16.5- 200 mm	4	Nos	57550	230,200
	Total amount Industrial Water meter with Strainer Class B 50 mm to 200 mm				23,711,000
1.(f)	A water test laboratory be set up for the tests of samples of category-I water works and supply of equipment and manpower as per provisions of CPHEE manual on water supply & treatment in Appendix 15.9, 15.8, 15.7 an 15.1 including coating, lining & transportation and loading unloading at Employers/ Contractors site store as will be directed by the Engineer all complete.				
f.1	Comparator Test set for residual Chlorine or Chloroscope	2	Nos	45000	90,000
f.2	PH kit with different disc for PH measurement	1	Set	45000	45,000
f.3	Man operated PH Meter complete with one calomel electrode and glass electrode	1	No	40000	40,000
f.4	Turbidity meter	1	No	10000	10,000
f.5	Connectivity meter	1	No	9500	9,500
f.6	Spectrophotometer with U-V visible	1	No	35000	35,000
f.7	water bath wth 6 to 8 concentric holes and discs,electrically heated.	1	No	35000	35,000
f.8	Hot plates	1	No	25000	25,000
f.9	Refrigerator(165 litre)	1	No	18000	18,000
f.10	B.O.D incubator with heating apparatus	6	Sets	60000	360,000
f.11	C.O.D incubator with heating apparatus	6	Sets	20000	120,000
f.12	Electric oven	1	No	25000	25,000
f.13	Magnetic stirrer	2	Nos	9000	18,000
f.14	Analytical balance with weight box	2	Sets	35000	70,000
f.15	Jar-Test apparatus	1	Set	10000	10,000



Chief Executive Officer **18**
Metropolitan Dev. Authority



Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
	Equipments for Bacteriological examination				
f.16	Autoclave	1	No	12000	12,000
f.17	Incubator 37deg C (Water)	1	No	35000	35,000
f.18	Pipette box (Stainless steel) 1 CC	1	Dozen	18000	18,000
f.19	Pipette Box Graduated Bulk (10mm)	1	Dozen	18000	18,000
f.20	Pipette Stand (wooden) (12 Holes)	1	No	15000	15,000
f.21	Burrete	1	Dozen	10000	10,000
f.22	Wooden racks	1	No	500000	500,000
f.23	Polypropelene bottle 1 liter	1	Dozen	10000	10,000
f.24	Burners (Bunsen) with pilot lamp	2	Nos	10000	20,000
f.25	Volumetric Flask (100mm ,250ml & 500ml)	6	Nos each	15000	90,000
f.26	Thermometer (0 to 50 deg c & 0 to 160 deg C)	1	No each	3000	3,000
f.27	Glass bead	200	gm	50	10,000
f.28	Porceline Basin (100ml)	6	Nos	2000	12,000
f.29	Glass putri dish(3 inch dia)	1	Dozen	2000	2,000
f.30	Erlenmeyer Flask (300ml)	6	Nos	7500	45,000
f.31	Funnel	6	Nos	9000	54,000
f.32	Glass Beaker (500ml,250ml 7 100ml)	6	Nos each	8500	51,000
f.33	Flat bottom flask (2000ml & 1000ml)	2	Nos each	4500	9,000
f.34	Conical flask (300ml)	6	Nos	4500	27,000
f.35	Suction Flask (1 liter capacity)	2	Nos	5000	10,000
f.36	Suction pump	1	No	9000	9,000
f.37	sampling bottles	1	Dozen	2500	2,500
f.38	Filter pump(15cm dia , 11cm dia)	3	box each	2500	7,500
f.39	Platinum loop	1	No	25000	25,000
f.40	Test tube (15cm x 1.7cm dia) & 12.5cm x 1.6cm dia)	3	gross each	3000	9,000
f.41	Durhn's tube (2.5cm dia)	3	gross	2000	6,000
f.42	Absorbent cotton (400 gm in eachh pack)	6	packs	750	4,500
f.43	Asbestosh wire	3	Nos	500	1,500
f.44	stainless steel spatula	3	Nos	1500	4,500
f.45	Metal cover for 10CC pipette	1	No each	2500	2,500
f.46	1cc Pipette	1	No each	500	500
f.47	Brass Tounges	2	Nos	2500	5,000
f.48	Tripod Stand	2	Nos	5000	10,000
f.49	Bacteriological media as per list	1	Lot	307000	307,000
Total amount of ITEM (f)					2,256,000

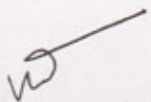


Chief Executive Officer
 Government of Maharashtra
 Department of Health

19

Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
1.(j)	Installation of Pump-Motor sets with designed suction delivery pipes of maximum 10 m length each side (of dia varying between 300mm-500mm)with fitting fixing suction side gate valve and delivery side DF with non return valve, pump well mouths and other accessories & instruments and as per installation design to be approved by the Department for raw water,clear water & Booster Pumping system with auxiliary like bridge Pumps priming etc as would be required including statuory testing, machine foundation power connection all complete.				
	Erection of pumps	21	No.	70800	1,486,800
	VALVES:				
	Butter Fly Valve				
	600 mm dia. size.	6	No.	395000	2,370,000
	300 mm dia. size.	6	No.	48600	291,600
	SLUICE VALVE				
	400 mm dia. size.	6	No.	76000	456,000
	150 mm dia. size.	2	No.	17500	35,000
	250 mm dia. size.	2	No.	43500	87,000
	200 mm dia. size.	5	No.	39400	197,000
	125 mm dia. size.	7	No.	18000	126,000
	65 mmdia	2	No.	7000	14,000
	80 mmdia	8	No.	7000	56,000
	CHECK VALVE / N. R V				
	600 mm dia. size.	6	No.	152100	912,600
	300 mm dia. size.	6	No.	49000	294,000
	150 mm dia. size.	2	No.	25500	51,000
	125mmdia	5	No.	16400	82,000
	65mmdia	2	No.	11000	22,000
	Expansion bellows				
	Expansion bellows (supply 700mm dia)	3	Nos	218000	654,000
	Expansion bellows (supply 600mm dia)	3	Nos	163000	489,000
	Expansion bellows (supply500mm dia)	5	Nos	100000	500,000
	Expansion bellows (supply 400mm dia)	8	Nos	73750	590,000
	Expansion bellows (supply 300mm dia)	10	Nos	57000	570,000
	PRESSURE GAUGE	26	No.	2230	58,000
	VACCUM PUMP SET	5	Set	121400	607,000
	DRAIN PUMP SET	5	Set	60600	303,000
	Total amount of ITEM (j)				10,252,000




 Chief Executive Officer
 Guwahati Metropolitan Dev. Authority

20

Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
1.(k)	Supply of electrical items except motors but including HT switch Gear, LT panel/MCC, Distribution transformer, FCMA Netural, soft starters, 6.6 kV capacitor panel, HT cables, LT power and control cables terminals, Light Fixtures, cable Trans, Misc local control system etc., installation testing with all auxiliary station of raw water, clear water and booster pumping systems including coating, lining, & transportation and loading, unloading at Employers/contractors site store as will be directed by the engineer all complete.				
k.1	For Raw water PH	1	LS	3392000	3,392,000
k.2	For Clear water PH	1	LS	4387000	4,387,000
k.3	For Booster water-1 PH	1	LS	2633000	2,633,000
k.4	For Booster water-2 PH	1	LS	3887000	3,887,000
k.5	For Low Lift PH	1	LS	1733000	1,733,000
k.6	HT/lt/control cable	1	LS	5893000	5,893,000
k.7	P/H LIGHTING MATERIAL	1	LS	7111000	7,111,000
k.8	EARTHING:	1	LS	4454000	4,454,000
Total amount of ITEM (k)					33,490,000
1.(I)	Sup[ply & installation of other electro-mechanical items for those pumping stations viz. i) EOT Crane - 3T - 10T capacity ii) MS Header Pipes (1200 - 1600 mm) with inside & outside epoxy coating - (8m - 10m length) iii) MS ladder for each pump - Motor Sets & MS railing as per design ti be approved by the Department including coating, lining & transportation and loading, unloading art Employers/Contractors site store as will be directed by the Engineer all Complete.				
I.1	MS Ladder with support handle	25	No.	22080	552,000
I.2	TOOLS	5	Nos	59400	297,000
I.3	Safety accessories.(P/H)	5	Nos	579600	2,898,000
I.4	MS pipe supply	1	LS	10625400	10,625,400
I.5	EOT 10 TON	6	Nos	3545600	21,273,600
I.6	EOT 3 TON	5	Nos	881400	4,407,000
Total amount of ITEM (I)					40,053,000
1.(m)	(m) Supply and installation of				
m (i)	i) Chlorination system at clear water pumping with 2 nos. vacuum feed chlorination each of 25kg/hr. Capacity including all safety measures required for dealing with hazardous chemicals including 3 ton manual traveling hoist with all other accessories as per design to be approved by the department including supply of 10nos. of chlorine tonners.				
m (i) 1	Chlorination - Vaccum feed type - 25kg/hr	2	Nos.	218200	436,400



21
Chief Executive Officer
Metropolitan Dev. Authority



Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
m (i) 2	Chlorine tonne container -(Empty)	10	Nos.	127270	1,272,700
m (i) 3	Chlorine gas	1		21900	21,900
m (i) 4	Chlorine cylinder 100 kg	1		19000	19,000
m (i) 5	Chlorine Tonner Trunions	10	Set	13000	130,000
Total amount of ITEM m (i)					1,880,000
m (ii)	ii) Design , Supply and installation of other booster chlorination system one each of two booster pumping status and at each of 5 nos zonal chlorinators with all accessories and safety devices including supplying of Chlorine tonners/ Cylinders				
m(ii) 1	Chlorination - Vaccum feed type - 20kg/hr	7	Nos.	218300	1,528,100
m(ii) 2	Air breathing apparatus	1	No	26500	26,500
m(ii) 3	Chlorine tonner emergency safety kit	1	No	21450	21,450
m(ii) 4	Chlorine gas Mask with canister	1		3750	3,750
m(ii) 5	Chlorine gas leak detector with alarm	1		68200	68,200
Total amount of ITEM m (ii)					1,648,000
2	Laying of Pipe lines of DI & MS & HDPE of different diameters as per Schedule 4(a) (I – iii) excavation in types of soil, rocks, removal of excess soil, water, bedding where necessary, back filling, fixing all valves & specials , jointing per technical specification testing, construction of valve chambers for transmission (Pumping & Gravity mains), thrust blocks, making manholes in large dia transmission mains with saddle & blank flange fixing all kinds of valves including supplying necessary flanges (MS/DI), construction of Pipe bridges where necessary (Lengths as per schedule 4(a) all complete for successful operation as per technical document.				
	LAYING OF PIPES				
2.1	DI K9 DN 100mm	210945.33	Rm	85	17,930,353
2.2	DI K9 DN 150mm	51336.06	Rm	100	5,133,606
2.3	DI K9 DN 200mm	47401.43	Rm	160	7,584,229
2.4	DI K9 DN 250mm	39979.85	Rm	190	7,596,172
2.5	DI K9 DN 300mm	28807.75	Rm	230	6,625,783
2.6	DI K9 DN 350mm	22222.26	Rm	260	5,777,788
2.7	DI K9 DN 400mm	13644.49	Rm	320	4,366,237
2.8	DI K9 DN 450mm	9244.21	Rm	360	3,327,916
2.9	DI K9 DN 500mm	10321.90	Rm	400	4,128,760
2.10	DI K9 DN 600mm	9736.08	Rm	480	4,673,318
2.11	MS 700 mm x 8.1mm thickness	6895.29	Rm	1110	7,653,772
2.12	MS 750 mm x 8.1mm thickness	8819.2	Rm	1195	10,538,944
2.13	MS 800 mm x 8.1mm thickness	69.43	Rm	1410	97,896
2.14	MS 900 mm x 10mm thickness	7907.7	Rm	1720	13,601,244



22
Chief Executive Officer
Gwahati Metropolitan Dev. Authority

Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
2.15	HDPE PIPE 110 mm dia	11171	Rm	155	1,731,505
2.16	HDPE PIPE 160 mm dia	5941.56	Rm	195	1,158,604
2.17	MS 1400 (Raw water Main) x 12.5 mm thickness	3318	Rm	3890	12,907,020
2.18	MS 1400 mm (Clear water Pumping Main) x 12.5 mm thickness	4452	Rm	3890	17,318,280
	ERECTION OF VALVES				-
	ISOLATION VALVE				-
2.19	400mm dia	30	Nos.	106800	3,204,000
2.20	1200 mm dia	5	Nos.	191000	955,000
	GATE VALVE				-
2.21	100 mm dia	800	Nos.	13500	10,800,000
2.22	150 mm dia	300	Nos.	21400	6,420,000
2.23	400 mm dia	150	Nos.	114200	17,130,000
2.24	700 mm dia	12	Nos.	74130	889,560
2.25	900 mm dia	10	Nos.	137900	1,379,000
	NON RETURN VALVE				-
2.26	400 mm dia	5	Nos.	106800	534,000
2.27	900 mm dia	8	Nos.	137900	1,103,200
	BUTTERFLY VALVE				-
2.28	900 mm dia	12	Nos.	137900	1,654,800
	AIR VALVE				-
2.29	100 mm dia	45	Nos.	17300	778,500
2.30	150 mm dia	30	Nos.	84100	2,523,000
2.31	200 mm dia	45	Nos.	5000	225,000
	SCOUR VALVE				-
2.32	150 mm dia	60	Nos.	55100	3,306,000
2.33	300 mm dia	20	Nos.	58700	1,174,000
2.34	THRUST BLOCK	1125	Cum	8000	9,000,000
	Manholes in large dia transmissions mains. (For raw water pipe line only)		Nos.		
2.35	For 1400 mm raw water main - 2 nos	2	Nos.	165257	330,514
2.36	For 1400 mm clear water main - 3 nos	3	Nos.	165000	495,000
2.37	For 900 mm dia clear water main - 6 nos	6	Nos.	126000	756,000
2.38	For 750 mm dia clear water main - 6 nos	6	Nos.	115000	690,000
2.39	For 700 mm dia clear water main - 5 nos	5	Nos.	100200	501,000
Total amount of ITEM 2					196,000,000



Chief Executive Officer
Guwahati Metropolitan Dev. Authority

23

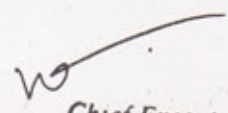
Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price
3	Installation of full bore electro- magnetic flow meters with flow & pressure sensors and all arrangement of data transfer through GSM as per quantity and description of schedule item 4©, operation & maintenance for 1 year after commissioning with supply of necessary M.S specials with M.S. flanges, gaskets, bolts & nuts and construction of underground RCC chamber of 1.5m x 2.5m x 2m for all 64 units including necessary power connection (220v AC) nearby some within 50m as would be shown at site including execution, dewatering excess soil removal of excess soil all complete as per detail in technical bid document				
3.1	1000 mm dia	2	Nos.	901400	1,802,800
3.2	1000 mm dia	3	Nos.	901400	2,704,200
3.3	700 mm dia	6	Nos.	476600	2,859,600
3.4	500 mm dia	2	Nos.	487500	975,000
3.5	500 mm dia	4	Nos.	487500	1,950,000
3.6	400 mm dia	8	Nos.	346300	2,770,400
3.7	400 mm dia	8	Nos.	346300	2,770,400
3.8	300 mm dia	7	Nos.	200100	1,400,700
3.9	250 mm dia	5	Nos.	170200	851,000
3.10	200 mm dia	7	Nos.	135700	949,900
3.11	200 mm dia	6	Nos.	135700	814,200
3.12	200 mm dia	4	Nos.	135700	542,800
3.13	150 mm dia	1	Nos.	96000	96,000
3.14	100 mm dia	1	Nos.	87000	87,000
Total amount of ITEM 3					20,574,000
4	Design and Construction of RCC (M30 grade) (3 Nos. Jack well type) raw water intake structure on river Brahmaputra at site located by the department and as per drawing, soil investigation reports enclosed (however , successful bidder may carry out such works) and construction of Pump house on Jackwell with foundation, pipe support platform and bridge including supplying fitting fixing all suction & delivery pipes for 6 nos. pump motor sets, electro-mechanical accessories, common header, valves, flow meters, construction of coffer dam and retaining wall (lengths shown in the enclosed drawing), excavation in all soils, rocks, drilling, RCC piling, construction of RCC channels as shown in the drawing (Successful bidder shall carry out structural design and all other electricalmechanical design for complete intake system, energisation, trial run commissioning all complete including one year defect liability period with guaranteed abstraction of raw water during all weather as per concept drawing.				
	Jackwell	3	Nos	105178143	315,534,430
Total amount of ITEM 4					315,534,430



24
Chief Executive Officer
 Guwahati Metropolitan Dev. Authority

Price bid Item No.	Description of Item	Quantity	Unit	Unit price	Total price	
5	Design (both hydraulic & structural) and construction of complete new 107 MLD capacity water treatment Plant (including site development by filling with river sand of average 2.25m depth) comprising of components of Aerator, Collecting wells, Pre-setting tanks, Pumping station (low lift pumps)with all pump motor set for lifting raw water to aerator level, Flash Mixers, flocculators, Inclined Plate Settlers, RG filter beds with false bottom nozzle based backwash system including supplying fitting fixing of all accessories, piping, valves, instruments, Air blowers, compressors in modular concept described in component sizing in Technical Bid Document, other structures of chemical house, chlorine contact chamber, clear water pumping (Civil, electrical, mechanical works) including all accessories roads, boundary wall drain, plumbing arrangements, lighting arrangements etc. complete as per Technical Bid Document and Concept Drawing.					
5.1	Aerator	1	Nos	1361800	1,361,800	
5.2	Inlet Chamber	1	Nos	597770	597,770	
5.3	Flash Mixer	1	Nos	781000	781,000	
5.4	Flocculation Tank	1	Nos	10804000	10,804,000	
5.5	Inclines Plate Settlers	1	Nos	24075000	24,075,000	
5.6	Clarified Water Channel	1	Nos	1324000	1,324,000	
5.7	RG Filters with Filter House, Filtered Water Channel + Office Room	1	Nos	58036000	58,036,000	
5.8	Dirty Backwash Water Sump and Recycle Pump House	1	Nos	8453000	8,453,000	
5.9	Sand filling	120000	Cum	370	44,400,000	
5.10	Piling Works	1	LS	30564000	30,564,000	
5.11	E & M items	1	LS	31646000	31,646,000	
Total amount of ITEM 5					212,042,570	
6	Design & construction of other building and structures including clear water sump, pump house, all electrical- mechanical works lighting arrangements for chemical House, Coagulant godown, Chlorine contact chamber, sludge sump, backwash administrative building , water & drainage, sump & pump houses, plumbing works all complete including access roads etc. all complete as described in Technical Bid Document.					
6.1	BOOSTER PUMPING STATION - I at West Khamakhya	Size - 20 x 9 m	1	Nos	2715000	2,715,000
6.2	Sump At BPS I Location	Capacity 1 lac liters	1	Nos	568000	568,000
6.3	BOOSTER PUMPING STATION - II at Ganesh para East	Size - 20 x 9 m	1	Nos	2715000	2,715,000
6.4	Sump At BPS II Location	Capacity 3.80 lacs liters	1	Nos	1189000	1,189,000




25

 Chief Executive Officer
 Gwahati Metropolitan Dev. Authority



Price bid Item No.	Description of Item		Quantity	Unit	Unit price	Total price
6.5	Clear Water pumphouse at WTP location	Size - 30 x 12.5	1	Nos	5986000	5,986,000
6.6	CLEAR WATER SUMP at WTP location	Capacity - 11 lacs liters	1	Nos	8447000	8,447,000
OTHER STRUCTURES						-
6.7	GUARD ROOM	Floor Area = 30.15 Sqm	12	Nos	616250	7,395,000
6.8	ADMINISTRATIVE BUILDING	Floor Area = 160 Sqm	1	Nos	4556000	4,556,000
6.9	CHLORINE HOUSE	Floor Area = 112 Sqm	1	Nos	1535000	1,535,000
6.10	CHLORINE HOUSE		5	Nos	636000	3,180,000
6.11	CHEMICAL HOUSE	Floor Area = 150 Sqm	1	Nos	4025000	4,025,000
6.12	CHLORINE CONTACT CHAMBER	Floor Area = 135 Sqm	1	Nos	2509000	2,509,000
6.13	PRE SETTLING TANK		1	Nos	1309000	1,309,000
6.14	SLUDGE DISPOSAL UNIT	Pump house area = 15 Sqm, Sump area = 55 sqm	1	Nos	791000	791,000
Total amount of ITEM 6						46,920,000
7	Setting up stack yard, sludge disposal site with offices, guard rooms, open yard, boundary wall, access road, lighting, arrangement of water, lighting all complete as per Tender Bid Document all complete.					
	Compound wall		3326.364	Rm	6600	21,954,000
Total amount of ITEM 7						21,954,000
8	Construction of RCC service reservoirs (Hilltop and ERS) at different locations as described in tender document, boundary wall guard rooms, lighting arrangements, access road, drainage and all plumbing works etc. all complete as per Technical Bid Document.					
8.1	Semi U/G Hill top Reservoir at Durga sarobar	GANESHPARA (CENTRAL) - 17 lacs liters capacity	1	Nos	8324000	8,324,000
8.2	Semi U/G Hill top Reservoir at Fatasil Ambari	GANESHPARA (EAST)- 57 lacs liters capacity	1	Nos	18661000	18,661,000
8.3	Semi U/G Hill top Reservoir at Madhav Dev Nagar	GANESHPARA (WEST) - 34 lacs liters capacity	1	Nos	11112000	11,112,000
8.4	Semi U/G Hill top Reservoir at West khamakhya	WEST KAMAKHYA (MAIN) - 63 lacs liters capacity	1	Nos	25637000	25,637,000




Chief Executive Officer
Gwahati Metropolitan Dev. Authority

26

Price bid Item No.	Description of Item		Quantity	Unit	Unit price	Total price
8.5	Semi U/G Hill top Reservoir at West Khamakhya (near main reservoir)	WEST KAMAKHYA (DISTRIBUTION) - 93 lacs liters capacity	1	Nos	35728000	35,728,000
8.6	Semi U/G Hill top Reservoir at GU Hill top	JALUKBARI - 64 lacs liters capacity	1	Nos	27612000	27,612,000
8.7	Semi U/G Hill top Reservoir near Bhubaneswari Temple	Kahmakhya Hilltop - 4.50 lacs liters Capacity	1	Nos	1437000	1,437,000
8.8	Elevated Storage Reservoir	Borjhar - 16 lacs liters Capacity	1	Nos	19761000	19,761,000
8.9	Elevated Storage Reservoir	Mirjapur - 16 lacs liters Capacity	1	Nos	19761000	19,761,000
Total amount of ITEM 8						168,033,000
9	Adopting Trenchless technology device					
a)	a) Micro Tunneling under railway tracks and special areas including hiring of MTBM (Micro Tunneling Boring Machine) from India or outside including all cost and charges complete.					
a) -1	900 mm dia	Micro Tunneling	200	Rm	94395	18,879,000
a) -2	1400 mm dia	Micro Tunneling	100	Rm	115000	11,500,000
a) -3	1400 mm dia	Micro Tunneling	100	Rm	115000	11,500,000
a) -4	1400 mm dia	Micro Tunneling	350	Rm	115000	40,250,000
Total amount of ITEM 9 (a)						82,129,000
b)	Jack Pushing for water supply pipe line to negotiate crossings and thoroughfares					
b)-1	350 mm dia	Jack Pushing	100	Rm	18000	1,800,000
b)-2	350 mm dia	Jack Pushing	300	Rm	18000	5,400,000
b)-3	400 mm dia	Jack Pushing	100	Rm	22000	2,200,000
b)-4	400 mm dia	Jack Pushing	400	Rm	21000	8,400,000
b)-5	500 mm dia	Jack Pushing	50	Rm	28000	1,400,000
b)-6	600 mm dia	Jack Pushing	50	Rm	34000	1,700,000
b)-7	700 mm dia	Jack Pushing	200	Rm	38000	7,600,000
b)-8	900 mm dia	Jack Pushing	100	Rm	45000	4,500,000
b)-9	900 mm dia	Jack Pushing	200	Rm	45000	9,000,000
Total amount of ITEM 9 (b)						42,000,000

27



Chief Executive Officer
Guwahati Metropolitan Dev. Authority

INDEX

Sr. No.	DESCRIPTION
1	Forwarding Letter
2	Power of Attorney
3	Copy of EMD submission
4	Affidavit
5	Bidder's Credentials
6	Copy of experience certificates of previous work done
7	Form 1 (General Information)
8	Form 1 A (structure and Organization)
9	Form 2 (Annual Turnover data supported by audited Balance Sheet)
10	Form 2 A (Joint Venture Summary)
11	Form 3 (Particular Experience Record)
12	Form 3 A (Details of Contracts of similar Nature & complexity)
13	Form 4 (Current Contract Commitments)
14	Form 5 (Personnel/Staff Proposed for the Project)
15	Form 5A (Experience summary of the key personnel for the project)
16	Form 6 (Equipment Proposed for the Project)
17	Form 7 (Financial Capability)
18	Form 8 (Litigation History)
19	Form 9 (Workers Health & Safety Measures at site)
20	List of Plant equipments owned by company
21	List of senior personnel.
22	ISO Certificate
23	Tax relevant certificates
24	Copy of Annual Report 2005-06 to 2007 - 08
25	Incorporation Certificate
26	Memorandum & Articles of Association
Continued	



28
 Chief Executive Officer
 Guwahati Metropolitan Dev. Authority

GAMMON INDIA LIMITED

Sr. No	DESCRIPTION
27	Solvency Certificate from the Banker
28	Registration Certificates with State/Central Government Department.
29	Quality Assurance and Quality Control Manual
30	Health Safety & Environment Manual
31	Organization chart of the company
32	Preliminary site organization chart
33	Bar chart & CPM
34	Corrigendum & Clarifications issued by GMDA
35	Data sheets duly filled





29

Executive Officer
 Gammon India Limited

**GOVERNMENT OF ASSAM
GUWAHATI**

TENDER DOCUMENT FOR

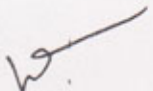
**DESIGN AND CONSTRUCTION OF
A COMPLETE NEW 107 MLD CAPACITY
POTABLE WATER SUPPLY INFRASTRUCTURE PROJECT
ON TURNKEY BASIS FOR GUWAHATI CITY
(SOUTH GUWAHATI WESTERN PART)**

VOLUME - I

TECHNICAL BID

(PART - A)




Chief Executive Officer
Guwahati Metropolitan Dev. Authority

30

GUWAHATI METROPOLI

DEVELOPMENT AUTHORITY

**GOVERNMENT OF ASSAM
GUWAHATI**

TENDER DOCUMENT FOR

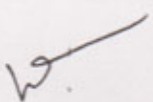
**DESIGN AND CONSTRUCTION OF
A COMPLETE NEW 107 MLD CAPACITY
POTABLE WATER SUPPLY INFRASTRUCTURE PROJECT
ON TURNKEY BASIS FOR GUWAHATI CITY
(SOUTH GUWAHATI WESTERN PART)**

VOLUME - I

TECHNICAL BID

(PART - A)




Chief Executive Officer
Guwahati Metropolitan Dev. Authority

30