



HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD

Lr.No.DB/GM(E)/O&M Dn.III/2014-15/ N.V

Dt: 12-11-2014

From  
Er.M.Swamy, M.E,  
General Manager (Engg),  
O&M Div. III, Navodaya Colony,  
Hyderabad.

To  
The Project Incharge,  
CGEWHO Housing project, Phase-III,  
Central Government Employees,  
Welfare Hosuing organization,  
Hydershakote Village & Post, Near  
Golconda, Hyderabad-500091

Sir,

Sub: HMWS&SB – O&M Dn. III – Submission of Estimates – Request - Reg.

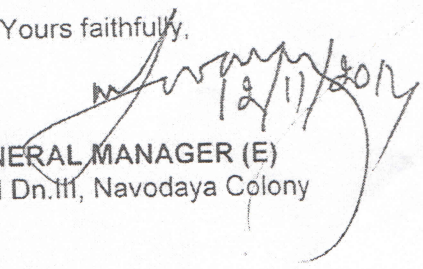
Ref: D(T) Lr No DT/DCE-56/RWS/14-15/239 dated 10.11.2014  
\* \* \*

With reference to the subject and reference cited above, I am herewith submitting the estimate of Laying of 200mm dia DI water supply line from Army school to kendriya vihar phase III for providing water supply to Kendriya vihar phase III, hydershakote under Golconda section, Sub Dn III , shaikpet under O&M Division No III."

Submitted for favour of information

Encl: Original estimate(1 No)

Yours faithfully,

  
GENERAL MANAGER (E)  
O&M Dn.III, Navodaya Colony

**HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD**

Office of the Managing Director  
HMWS&SB, Khairtabad, Hyd

Proceeding No. HMWSSB/GM(E)/SWC/ 2014-15/ 1206 Dated: 29-10-2014  
31

Sub: HMWSSB – Release of water supply connection to M/s CGEWHO Housing Project Phase.III, Sy.No. 42/2, Hydershahkotla (Village & Post) Rajendranagar(M), R.R. Dist – Permission accorded – Orders – Issued.

Ref:- SWC File No. 2014-6-733

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**ORDER:**

Bulk Water supply connection to the CGEWHO Housing Project Phase.III located at Hydershahkotla Village of Rajendranagar mandal is hereby sanctioned with water connection for 190 KLD subject to the following terms and conditions:

1. The water connection shall be released from the existing pipeline of 300mm dia water supply line supplying water to Gandhamguda village under RWS.
2. D.I pipeline 200mm dia from the existing 300mm dia shall be laid by the CGEWHO at their own cost under the technical supervision of the HMWSSB.
3. Connection charges totaling Rs. 98.336 lakhs as shown in the annexure shall be paid by the CGEWHO.
4. CGEWHO shall form themselves into the registered housing society to make arrangement for monthly payments of water supply bills.
5. The GM(E), O&M Dn.III shall provide necessary technical assistance for laying of pipeline.

Sd/

**Managing Director  
HMWS&SB**

To

M/s CGEWHO Housing Project Phase.III,  
Sy.No. 42/2, Hydershahkotla (Village & Post)  
Rajendranagar(M), TE  
R.R. Dist

Copy to the GM(E), O&M Dn.III for information and necessary action.  
Copy to the GM(E), Single Window Cell for information and necessary action  
Copy to the CGM(E), O&M Circle.III for information and necessary action.  
Copy to the M.D's/E.D.'s table.

//TCFBO//

*PPH* 31/10/2014  
**Director(Technical)**

*P*  
31/10

**Calculations for arriving at connection charges to be levied for Category. III**  
**(Bulk supply) applications**

1	File No.	2014-6-733		New
2	Name of the Applicant	M/s CGEWHO Housing project Phase-III		
3	Location of the building	Sy No 42/2, Hydershahkote Village, Rajendranagar	Dn.XVII	
4	Plot area		Sq.Mtr	
5	Plinth Area	26432.79	Sq.Mtr	
6	No. of dwelling Units	48860	No.s	GHMC
7	Equivalent dwelling units (@1000Sft of Plinth area per one unit)		No.s	
8	Quantity applied in KL per day	190	KLD	Bulk Colonies
9	Quantity arrived by HMWSSB (@0.5KL/Day/Flat)	190	KLD	380 Flats
10	Size of water connection recommended	200	mm	
i)	Water connection charges	190x1000x10	Rs.	1,900,000
ii)	Sewerage connection charges	80% of WS charges	Rs.	1520000
iii)	Connection charges for augmenting source i.e, for 190x2x10000		Rs.	3800000
iv)	G.B. Charges 200 mm Dia		Rs.	200000
v)	60 Days water consumption charges	190x60x54	Rs.	615600
vi)	RWHS Consultancy Charges	190X2X1000	Rs.	380000
vii)	Improvement charges recommended from field for Water supply	Departmental Supervision charges for laying pipeline by own i.e consumer	Rs.	1295000
ix)	Any other charges	AMR Meter charges		123000
		<b>TOTAL</b>	<b>Rs.</b>	<b>9,833,600</b>
		<b>Say</b>		<b>· 98.336 Lakhs</b>



To,  
The General Manager (E),  
O&M Division III, Navodaya Colony,  
HMWS & SB,  
Hyderabad.

From,  
Mohd. Tauseef Ali (B.E),  
Manager (E),  
Golconda Section, Sub Dn. 3,  
Shaikpet, Hyderabad.

Lr.No: SD3/Golconda/M(E)/Estimates/2014-15/Vol-I/51

Date: 28.10.2014

(Through the proper channel)

Sir,

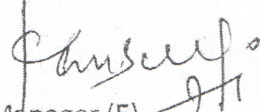

Sub:- Laying of 200mm dia DI water supply line from Army School to Kendriya Vihar Phase III for providing water supply to Kendriya Vihar Phase III, Hydershahkote Under Golconda Section Sub-Division No.III Shaikpet O & M Division No.III Novodaya Colony Hyderabad. – Req – Reg.

Ref: Single window application number 2014-1-2662.


With reference to above cited, I am here with submitting an estimate for the above work amounting Rs. 70, 00,000.00 (Seventy Lakh rupees) along with report duly explaining in detail.

An early sanction of the estimate is requested.

Yours faithfully,

  
Manager (E)   
Golconda Section 28.10.14

Encl: 1.Report.  
2.Estimate.  
3.Site plan.

  
GENERAL MANAGER (E) (Engg.)  
O & M DIVISION NO III  
NAVODAYA COLONY  
HYDERABAD  
BOARD

## REPORT ACCOMPANYING ESTIMATE

**Name of work:** Laying of 200mm dia DI water supply line from Army School to Kendriya Vihar Phase III for providing water supply to Kendriya Vihar Phase III, Hydershahkote Under Golconda Section Sub-Division No.III Shaikpet O & M Division No.III Novodaya Colony Hyderabad

**Estimated Amount Rs.70,00,000.00/-**

It is to report that Kendriya Vihar Phase III has applied for bulk connection of sewerage and water supply for their gated community located in SY. NO. 42/2, Hydershahkote vide file number 2014-7-2963. In this regard an estimate was prepared for dedicated water supply system of the above said gated community. The line work will be executed after deposition of estimated amount under DCW head.

The above site was incepted by Director (Technical), Director (Revenue), CGM O&M Circle III, General Manager (Engg.,) O&M Div No.III along with Dy.General Manager(Engg) sub-div No III Shaikpet and instructed me to submit detailed estimate. Hence the estimate is prepared with current S.S.R Rates.

An early sanction of the estimate is requested.

Manager(E)  
Golconda Section 28.10.14

Deputy General Manager(E)  
O&M Division No.III  
Sub Division No III, Shaikhpeta.

**DETAILED ESTIMATED**

**NAME OF THE WORK:** Laying of 200mm dia DI water supply line from Army School to Kendriaya Vihar Phase III for providing water supply to Kendriya Vihar Phase III, Hydershahkote Under Golconda Section Sub-Division No.III Shaikpet O & M Division No.III Novodaya Colony Hyderabad.

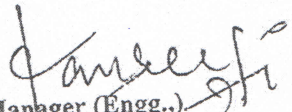
Sl.No	Description	Nos	Measurements			Qty	Per	Rate	Per	Amount
			L	B	D					
1	Cutting open C.C Road surface including labour charges all leads and other incidental and operational charges tool and plants etc. complete to the finished item of work as directed by the HMWS&SB Engineers.									
		1	20.00	0.70	0.15	2.10	M3			
		3	1.80	1.80	0.15	1.46	M3			
						3.56	M3	2193.65	M3	7805.01
2	Cutting open BT Road surface including labour charges all leads and other incidental and operational charges tool and plants etc. complete to the finished item of work as directed by the HMWS&SB Engineers.									
		1	860.00	0.70	-	602.00	M2	78.95	M2	47527.90
3	Cutting open C.C Road surface including labour charges all leads and other incidental and operational charges tool and plants etc. complete to the finished item of work as directed by the HMWS&SB Engineers.									
		1	800.00	0.70	0.15	84.00	M3	269.90	M3	22671.60
4	Earth work excavation and depositing on banks for pipe line trenches with an initial lead of 10 m. and lift of 2 m in all available soils including labour charges, all operational and incidental charges etc., complete as directed by the H.M.W.S.& S. Board Engineers.									
		1	860.00	0.70	0.80	481.60	M3			
		3	1.80	1.80	1.50	14.58	M3			
						496.18		252.85	M3	125,459.11
5	Earth Work Excavation and depositing on bank in hard rock and boulders more than 3 Cum. in size requireing control blasting excluding stacking complete as directed by the departmental officers including all leads and lifts, all incidental and operationals charges etc.,and depositing the same on bank with an initial lead of 10Mts. lift of 2m etc., complete but excluding dewatering for pipeline trenches. (For pipeline trenches where depth is less than 1.5 times the width).									
	10% EWE	1	49.62	-	-	49.62	M3	912.75	M3	45,288.83
6	Cutting of 200mm dia CI pipes without water in the main etc., complete as directed by the H.M.W.S.&S. Board Engineers.									
	200mm Dia	6	-	-	-	6.0	No's	170.77	Each	1024.62

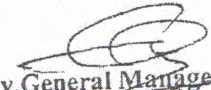
Sl.No	Description	Nos	Measurements			Qty	Per	Rate	Per	Amount
			L	B	D					
	300mm Dia	2	-	-	-	2.0	No's	256.16	Each	512.32
7	Lowering the DI (K7) S/S pipes and specials carefully into the ready made trenches and laying them true to alignment and gradient including all labour charges, all operational charges etc., but excluding conveyance of pipes from Board stores to work site etc., complete as directed by the H.M.W.S.&.S. Board Engineers.									
	200mm Dia	1	860.00	-	-	860.00	Rmt	73.31	Rmt	63046.60
8	Jointing CI pipes with plain spigot and modified socket rubber gasket (tyton) joints including all sundries but excluding cost of rubber gaskets etc., complete as directed by the H.M.W.S.&.S. Board Engineers.									
	200mm Dia	156	-	-	-	156.0	No	126.74	Each	19771.44
9	Jointing DI pipes, specials with S/s ends excluding cost of jointing materials such as piglead, wool and spunyarn, cement but including sundries such as cost of fuel for melting lead, filling water in mains and testing to the required pressure etc., complete 150mm & 100mm dia lead joints									
	200mm Dia Joint	6	-	-	-	6.0	No's	168.74	Each	1012.44
	300mm Dia Joint	2	-	-	-	2.0	No's	209.89	Each	419.78
10	Lowering and keeping in position C.I. Sluice valves including conveyance of all materials etc., complete as directed by the H.M.W.S.&.S. Board Engineers.									
	200mm Dia S/v	2	-	-	-	2.0	No's	345.24	Each	690.48
	300mm Dia S/v	1	-	-	-	1.0	No's	698.51	Each	698.51
11	Jointing D.I. / C.I pipes and valves with D/F joints including cost of nuts, bolts, rubber insertion etc., including filling with water and testing to required pressure etc., complete as directed by the H.M.W.S.&.S. Board Engineers.									
	200mm Dia S/v	4	-	-	-	4.0	No's	476.41	Each	1905.64
	300mm Dia S/v	2	-	-	-	2.0	No's	722.98	Each	1445.96
12	Supply and delivery fixing of RCC precast manholes chambers having the size of 36" at bottom tapering to 21" dia at top fixing in CC 1:4:8 prop along with FRC cover and frame laying CC 1:2:4 prop including cost of materials labour charges earth work curing conveyance etc complete as directed by the HMWSSB Engineers									
		3	-	-	-	3	No's	7225.20	Each	21675.60

Sl.No	Description	Nos	Measurements			Qty	Per	Rate	Per	Amount
			L	B	D					
13	Conveyance of pipes from the departmental stores to work site including loading, unloading and labour charges etc. complete as directed by the H.M.W.S.&.S. Board Engineers.									
	200mm Dia	1	860.0	30.02		25817.20	Kg			
						25817.20	Kg			
						25.82	M.T	1034.15	M.T	26698.86
14	Barricading, Boarding, lighting and Watching etc., for water supply pipe (SW pipe) line trenches etc., complete as directed by the HMWS&SB Engineers.									
		2	860.0	-	-	1720.0	Rmt	13.29	Rmt	22,858.80
15	Supplying, laying, jointing and testing 100 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1:5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping., complete as directed by the H.M.W.S.&.S. Board Engineers.									
		10	0.60	-	-	6.00	Rmt			
		4	1.20	-	-	4.80	Rmt			
						10.80	Rmt	350.88	Rmt	3789.50
16	Supply, Laying and jointing of 15mm dia MDPE pipes including fitting cost and conveyance of all materials including all other incidental and operation charges etc., complete as directed by the HMWS&SB Engineer.									
		15	1.00	-	-	15.00	Rmt			
		10	2.00	-	-	20.00	Rmt			
						35.00	Rmt	161.00	Rmt	5635.00
17	Making dummy arrangements to DI and CI including cost of CI socket tail piece with MS dummy plate and of Pig lead spun yarn and cost of joining material and all labour charges etc., complete as directed by the HMWS&SB Engineers..									
	200mm.	1	-	-	-	1.00	No's	4040.77	Each	4040.77
18	Supply delivery and filling of good quality gravel including all leads and lifts, all operational and incidental charges, etc., complete as directed by HMWS&SB Engineers (Qty as per Rock)	1	49.62	-	-	49.62	Cum	662.24	Cum	32859.02
19	Supply delivery and filling of good quality quarry dust including all leads and lifts, all operational and incidental charges, etc., complete as directed by HMWS&SB Engineers	1	100.00	0.70	0.30	21.00	Cum	744.83	Cum	15641.43



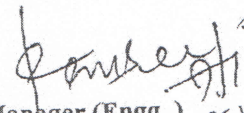
Sl.No	Description	Nos	Measurements			Qty	Per	Rate	Per	Amount
			L	B	D					
20	Refilling the pipe line trenches with using excavated soils other than sand with standard specification including watering and tamping in layers of 225mm etc., complete to the finished item as directed by the H.M.W.S.&.S. Board Engineers.									
	Qty as per E/W Item No.2	1	496.18	-	-	496.18	M3	21.65	M3	10,742.30
21	Carting away the surplus excavated materials such as rock / earth the site to a suitable distance of about 8 Kms including loading, unloading, conveyance charges and dumping the carted material at the contractors cost labour charges all leads and lifts all other incidental and operational charges etc complete as directed by the HMWSSB Engineers									
	Qty as per CC Item No.1	1	3.56	-	-	3.56	M3	215.00	M3	764.97
22	Restoration and relaying of CC road (1:2:4) to the finished item including cost of all labour, tool, machinery, etc complete as directed by HMWS&SB Engineers.	1	860	0.9	0.15	116.10	Cum	5354.70	Cum	621680.67
23	Road Restoration charges for R&B road crossing including cost of all labour, tool, machinery, etc complete as directed by HMWS&SB Engineers.	1	25	-	-	25.00	Cum	3500.00	Cum	87500.00
						Total				1193167.16

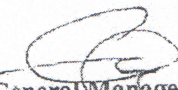
  
 Manager (Engg.)  
 Golconda Section 28.10.14

  
 Dy. General Manager (Engg.)  
 Sub-Division No III Shaikpet  
 Dy. General Manager (Engg.)  
 S. O. No. 1000/2014 No III  
 H. M. W. S. S. BOARD

Sl.No	Description	Nos	Measurements			Qty	Per	Rate	Per	Amount
			L	B	D					
<b>COST OF MATERIALS</b>										
Sl.No	Description	Nos	Measurements			Qty		Rate/Per		Amount
1	Supply and delivery of DI pipes including Cost and Conveyance									
	200mm Dia DI Pipes	1	860.0	-	-	860.0	Rmt	2049.75	Rmt	1762785.00
2	Supply and delivery of DI Specials including cost and conveyance of all materials etc., Complete.,									
	200mm Dia CI/DI Collar	3	40.00	Each	-	120.00	Kg			
	300mm Dia CI/DI Collar	1	71.00	Each	-	71.00	Kg			
	300mmx300mmx200mm DI AS Tee	1	62.00	Each	-	62.00	Kg			
	200x90 degree CI/DI Bends	1	32.00	Each	-	32.00	Kg			
	200x45 degree CI/DI Bends	2	26.00	Each	-	52.00	Kg			
	200x22.5 degree CI/DI Bends	2	23.00	Each	-	46.00	Kg			
						383.00	Kg	85.55	Kg	32765.65
3	Supply and delivery of Spun Yarn Including Conveyance etc., Complete									
	200mm Dia Joint	6	6.00	0.30	Kg/Each	1.80	Kg			
	300mm Dia Joint	3	3.00	0.48	Kg/Each	1.44	Kg			
						3.24	Kg	105.00	Kg	340.20
4	Supply and delivery of Pig Lead Including Conveyance etc., Complete									
	200mm Dia Joint	6	6.00	5.00	Kg/Each	30.00	Kg			
	300mm Dia Joint	3	3.00	7.20	Kg/Each	21.60	Kg			
						51.60	Kg	264.00	Kg	13622.40
5	Supply and delivery of CI Sluice valves with tail pice including Cost and Conveyance of all materials etc., Complete									
	200mm Dia S/v	2	-	-	-	2.0	No's	12684.31	Each	25368.62
	300mm Dia S/v	1	-	-	-	1.0	No's	43166.99	Each	43166.99
6	Supply and delivery of Air Valves including Cost and Conveyance of all materials etc., Complete as directed by HMWS&SB Enginners									
	200mm Dia S/v	3	-	-	-	3.0	No's	10000.00	Each	30000.00
7	Supply and delivery of rubber gasket including cost and conveyance of all materials etc., Complete.									
	200mm Dia	156	-	-	-	156.00	No's	140.42	Each	21905.52
						Total				1929954.38

COST OF MATERIALS	1929954.38
COST OF CIVIL WORK	1193167.16
TOTAL	3123121.54
CENTAGE CHARGES @ 18.5%	577777.49
INSPECTION CHARGES @ 5%	156156.08
L.S	19823.35
<b>GRAND TOTAL</b>	<b>7000000.00</b>

  
 Manager (Engg.) 28.10.19  
 Golconda Section

  
 Dy. General Manager (Engg.)  
 Sub-Division No. III Shampr  
 10



HYDERABAD METROPOLITAN WATER SUPPLY  
AND SEWERAGE BOARD  
Khairatabad, Hyderabad -500 004, India  
Ph: 040 - 23442811, FAX: 040-23442855

**Er. S. PRABHAKAR SHARMA,**

M. E;

**DIRECTOR-TECHNICAL**

Dated 10.11.14.

Lr. No: DT/DCE-S6/RWS/14-15/ 1239

✓ **The Project Incharge,**  
CGEWHO Housing Project, Phase-III  
Central Government Employees  
Welfare Housing Organization,  
Hydershakote Village & Post  
Near Golconda,  
**HYDERABAD - 500 091**

Sir,

Sub: HMWSSB - Kendriya Vihar Phase-III - Release of water supply connection to  
CGEWHO Housing Project Phase-III Sy. No: 42/2 Hydershakote (V) PO  
Rajendra Nagar (M) RR District Permission accorded - Execution of pipeline -  
Regarding.

Ref: Project Incharge for CGEWHO Lr. No: H/32/2166; Dt. 04.11.14.

\*\* \*\*\* \*\*

As desired in the reference cited, you are requested to contact the General  
Manager(Engg) O&M Division No III for obtaining the detailed estimate and alignment map.  
Further, the Name and Address of the Officer / Engineer is given below for obtaining  
necessary information and technical support

Er. M. SWAMY, M.E:  
General Manager (Engg.)  
Operation & Maintenance Division No: III  
Navodaya Colony,  
HYDERABAD.  
**Mobile: 99899 85817**

Yours faithfully,

*SPR 10/11/2014*  
DIRECTOR-TECHNICAL

Copy to General Manager, O&M Division-III for information  
Copy to Director(Operations).

(11)