

COMPARISON STATEMENT
Name of The Work: Construction of 160 MLD WTP at Murmur
Construction of Guard Room with Entrance Arch at 160MLD WTP Murmur Headworks, Ramagundam

Sl.No.	Description	As per Revised Estimate				As per Workdone / Completion				Deviation		Remarks
		Qty.	Rate	Per	Amount	Qty.	Rate	Per	Amount	Excess	Less	
1	Earth work excavation in all types of soils with initial lead and lift etc. Complete for Foundation of Wall and Guard Room	142.90	95.29	Cum	13,617	269.47	95.29	Cum	25,677.80	12060.80	0.00	
2	CC 1:4:8 using 40mm HBG metal including cost and conveyance of all material etc. Complete	25.37	4043.11	Cum	1,02,565	74.28	4043.11	Cum	3,00,322.21	197757.21	0.00	
3	CR Masonry with CM (1:6) 2nd sort including cost and conveyance of all materials, labour charges, seigniorage charges complete for 2nd Footing	10.70	4355.70	Cum	46,606					0.00	46606.00	
4	VRCC 1:1.5:3 using 20mm HBG metal but excluding cost of steel and fabrication charges incl. Cost and Conveyance of material, labour charges etc. Complete for column footings.											
	Footings	9.69	8553.37	Cum	82,915	11.91	8553.37	Cum	1,01,870.64	18955.64	0.00	
	Inside Flooring					49.85	7850.30	Cum	3,91,337.46	391337.46	0.00	
5	Granular sub-base/base/surface course with local materials (Table 400.13) by mix in place method normal Construction of granular sub-base by providing local material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at once and compacting with smooth wheel roller to achieve the desired density complete as per Clause 401.4 as per Technical Specification Clause 408 MORD.					87.04	1028.17	Cum	89,492.13	89492.13	0.00	
6	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401. (With GSB Filling and Fully Compacted)					65.28	1957.00	Cum	1,27,752.96	127752.96	0.00	
7	VRCC 1:1.5:3 using 20mm HBG metal but excluding cost of steel and fabrication charges incl. Cost and Conveyance of material,labour charges etc. Complete for Columns	14.43	10257.20	Cum	1,47,995	5.44	10257.20	Cum	55,799.17	0.00	92195.83	
8	VRCC 1:1.5:3 using 20mm HBG metal but excluding cost of steel and fabrication charges incl. Cost and Conveyance of material,labour charges etc. Complete for All Beams	9.41	10476.60	Cum	98,624	12.41	10476.60	Cum	1,30,014.61	31390.61	0.00	
9	VRCC 1:1.5:3 using 20mm HBG metal but excluding cost of steel and fabrication charges incl. Cost and Conveyance of material,labour charges etc. Complete for Roof Slab											
	Slab 150mm thick	13.58	9281.95	Sqm	1,26,010	24.31	9281.95	Cum	2,25,644.20	99634.20	0.00	
	Slab 100mm thick					0.25	10763.95	Cum	2,690.99	2690.99	0.00	
10	Providing Hysd steel bars of Fe 415 grade incl fabrication etc complete	4.71	59701.80	MT	2,81,265	4.18	59701.80	Cum	2,49,320.69	0.00	31944.31	
11	Brickwork in CM(1:6) using second class bricks including cost and conveyance of all material,labour charges etc. Complete	15.30	4993.86	Cum	76,424					0.00	76424.00	
12	Masonry work in CM(1:6) prop (Cement : Screened sand) in superstructure with fly ash cement / lime solid blocks of size 290mm x 225mm x 140mm from approved source having minimum crushing strength of 50 Kg/Sqcm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials and such as labour charges, like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing, overheads and contractor profit etc., complete for finished item of work. (APSS No. 501 & 504).					76.39	4851.98	Cum	3,70,642.63	370642.63	0.00	

SL.N o.	Description	As per Revised Estimate				As per Workdone / Completion				Deviation		Remarks
		Qty.	Rate	Per	Amount	Qty.	Rate	Per	Amount	Excess	Less	
13	Plastering with 12mm thick with sponge finish first coat in CM(1:5) Prop 8mm thick and second coat in CM(1:3) prop 4mm thick including cost and conveyance of all materials and labour charges etc., complete	270.96	2707.26	Sqm	73,357	959.37	2707.26	Cum	2,59,726.40	186369.50	0.00	
14	ceiling plastering CM(1:3) 20mm thick	10.44	2328.04	Sqm	2,431	11.00	2328.04	Cum	2,560.85	129.65	0.00	
15	Impervious coat plastering with CM(1:3) prop 12mm thick including cost and conveyance of all materials and labour, seigniorage charges Complete for wearingc coat	10.44	2442.04	Sqm	2,550	16.35	2442.04	Cum	3,992.74	1442.54	0.00	
16	Painting to new walls with emulsion paint in two coats of acrylic emulsion paint exterior grade weather proof water based, modified acrylic with sylicon additives exterior grade having VOC (volatile organic compound) content less than 50 gms/ lit over the priming coat in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials including cost and conveyance of all the materials to work site and all operational incidental labour charges etc., complete for finished item of work.	281.41	970.28	Sqm	27,304	793.06	970.28	Cum	76,949.03	49644.73	0.00	
17	Flooring with vitrified tiles of 1st quality, set over base coat of cement mortar (1:8), 12 mm thick over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm & jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, sand water and tiles etc., complete, including seigniorage charges, etc., complete for finished item of work, but excluding the cost of conveyance of all materials.	12.34	10336.52	Sqm	12,755	13.07	10360.65	Cum	13,541.36	785.96	0.00	
18	Flooring with ceramic tiles, set over base coat of cement mortar (1:8), 12 mm thick over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm & jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, sand water and tiles etc., complete, including seigniorage charges, etc., complete for finished item of work, but excluding the cost of conveyance of all materials.	12.83	8432.18	Sqm	10,814	10.97	8432.18	Cum	9,250.11	0.00	1564.19	
19	Supply, laying & fixing of 60 mm thick cement Mosaic reflective concrete pavers of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	360.00	648.70	Sqm	2,33,532			Cum	0.00	0.00	233532.00	
20	Supply and fixing of Black Toughened Glass 12mm Thick including Cost and Conveyance of Material and Labour Charges.	5.40	2474.94	Sqm	13,365	2.63	2474.94	Cum	6,509.09	0.00	6855.91	
21	Supply and fixing Aluminium Anodised Two/ Three Track Sliding Windows as per approved drawing with aluminium anodised sections of Series C Jindal sections and outer frame top horizontals & both verticals of 8774 of size 62 x 29.5 mm and bottom horizontal - two track frame of 8773 of size 62 x 29.5 mm, Shutter frame top, bottom and verticals of 8304 of size 50 mm x 20 mm and Weather interlocking frame of 8306 of size 50 x 20 with plain clear float glass 5 mm thick fixed including supply and fixing aluminium handles of 100 mm for each shutter, nylon rollers assembly and all labour charges for fixing the fixtures with required no.of screws, bolts and nuts and including labour charges for fixing the frame in position, fixing shutter to frame etc. completed for finished item of work	2.70	4950.00	Sqm	13,365	8.28	4950.00	Cum	40,986.00	27621.00	0.00	

SL.N o.	Description	As per Revised Estimate				As per Workdone / Completion				Deviation		Remarks
		Qty.	Rate	Per	Amount	Qty.	Rate	Per	Amount	Excess	Less	
22	Supply and fixing of aluminium Doors partly glazed as per drawing using standard powder coated/ anodised aluminium section of 101.4 x 44.45 x 3.18 mm thick fitted with 12.0mm thick Particle Boards - prelaminated up to 0.9 M height and balance height provided with 5.0 mm thick plain glass glazing fitted with suitable Aluminium glazing clips and aproved brand silicon sealant including cost and conveyance of all materials labour charges for manufacturing fixing in position using wooden blocks and sheet metal screw etc. to complete for finished item of work as approved by Engineer-in-charge	2.10	5800.00	Sqm	12,180	4.41	5800.00	Cum	25,578.00	13398.00	0.00	
23	Supply and fixing Aluminium Anodised Ventilator 'Z' type as per approved drawing with aluminium anodised sections of Series C Jindal sections and outer frame both horizontals & both verticals of 8774 of size 62 x 29.5 mm with plain clear float glass 5 mm thick fixed including nylon rollers assembly and all labour charges for fixing the fixtures with required no.of screws, bolts and nuts and including labour charges for fixing the frame in position, fixing glass to frame etc. completed for finished item of work	0.36	3400.00	Sqm	1,224	0.27	3400.00	Cum	918.00	0.00	306.00	
24	Supply & Fixing of Aluminium Tube Mesh with Mosquito Mesh Outside Existing Aluminium Sliding Windows	2.70	3500.00	Sqm	9,450	2.88	3500.00	Cum	10,080.00	630.00	0.00	
25	Supply & Fixing of Mosquito Mesh Outside Existing Aluminium 'Z' type Ventilators.	0.36	2800.00	Sqm	1,008	0.27	2800.00	Cum	756.00	0.00	252.00	
26	Provision Towards Electrification	As per Sub-Estimate			2,84,675				2,84,675.00	0.00	0.00	
27	Provision Towards Sanitation	As per Sub-Estimate			46,378				36,615.00	0.00	9763.00	
28	Supply, Fabrication & Erection of Gate and Cattle Troughs using various Mild Steel Sections including cost and conveyance of all material, labour charges, Tools and Consumables etc., Complete for Main Entrance Gate incl. Wicket Gate & Entrance Gate at Pump House	3774.28	62.81	Kg	2,37,078					0.00	237078.00	
29	Supply, Fabrication & Erection of Gate and Cattle Troughs using various Mild Steel Sections including cost and conveyance of all material, labour charges, Tools and Consumables etc., Complete for Main Entrance Gate incl. Wicket Gate & Entrance Gate at Pump House					0.91	112860.00	MT	1,02,702.60	102702.60	0.00	
30	Supply, transportation and Fixing of MS Pipes including cost and conveyance of all materials and labour charges etc., complete.					1.02	112860.00	MT	1,15,455.78	115455.78	0.00	
31	Cost,Supply and fixing of hot dipped galvanized iron chain link mesh of size 50mm x50mm(8mm gauge) from approved source including cost and conveyance of all materials and all labour charges etc complete					533.10	689.00	Sqm	3,67,305.90	367305.90	0.00	
32	Supply & Fixing of All drops, Tower Bolts, Handles etc. For Gates	LS			20,000			Cum	0.00	0.00	20000.00	
33	Supply & Fixing of Hume pipe 300 mm dia in Compound Wall	120.00	700.00	Rmt	84,000			Cum	0.00	0.00	84000.00	
34	Charges for Fabrication & Fixing of Name Board at Main Entrance with SS Letters and Mission Bhagiratha Logo at Main Entrance with SS Material as approved by Engineer-In-Charge											
	SS Letters	LS			2,60,000					0.00	260000.00	
	SS Letters of 18 inches size					58.00	1458.00	No.s	84,564.00	84564.00	0.00	
	SS Engraved Logo of 1.0mX1.0m Size					2.00	28900.00	No.s	57,800.00	57800.00	0.00	
35	Parking shed	As per Sub-Estimate			7,75,000				6,99,889.00	0.00	75111.00	

Sl.No.	Description	As per Revised Estimate				As per Workdone / Completion				Deviation		Remarks
		Qty.	Rate	Per	Amount	Qty.	Rate	Per	Amount	Excess	Less	
36	Supply and fixing of Rolling Shutter made of 80x1.25 mm Machine Rolled CRCA laths,inter locked together through their entair length and jointed together					8.97	3261.54	Sqm	29,256.01	29256.01	0.00	
37	Fencing for fruit bearing trees inside premises		LS		1,03,513			Cum	0.00	0.00	103512.52	
	Total				32,00,000				42,99,676.00	23,78,820.30	12,79,144.80	
					0.32				0.43	0.24	0.13	

As per Revised Estimate	0.32			Excess	0.24
As per Workdone / Completion	0.43			Less	0.13
diff	11.00				11.00

Asst Executive Engineer
MB Grid Sub div Ramagundam

Dy Executive Engineer
MB Grid Sub div Ramagundam

Executive Engineer
MB Grid Division Peddapalli

Superintending Engineer
MB Grid Circle Karimnagar