

ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate	Value
28 . Concrete Construction					
28-240-10 Pre-stressed cement conc. works in bridge girder: span<= 20m					
10.	<u>Materials : Concrete</u>				
	10-100 Cement : Portland	383.0000	kg	@ Tk. . . .per	kg Tk.
	10-110 Plasticised expanding grout additive ...	2.8300	kg	@ Tk. . . .per	kg Tk.
	10-385 Sand, FM >= 2.0	0.1890	cum	@ Tk. . . .per	cum Tk.
	10-395 Sand; FM => 3.0	0.1890	cum	@ Tk. . . .per	cum Tk.
	10-465 Stone, Chips : 20mm down graded	0.7600	cum	@ Tk. . . .per	cum Tk.
				Sub Total	Tk.
20.	<u>Materials : Misc.</u>				
	20-050 Admixture (water reducing plasticiser).	1.5000	ltr	@ Tk. . . .per	ltr Tk.
	20-245 Diesel/ Fuel	1.2600	ltr	@ Tk. . . .per	ltr Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0630	ltr	@ Tk. . . .per	ltr Tk.
				Sub Total	Tk.
30.	<u>Wood Work</u>				
	30-155 Bullah, Local hard wood : 125mm dia	65.0000	m	@ Tk. . . .per	m Tk. (Used 15 times Tk. (20 % Salvage)
	30-460 Wood, Seasoned & Sawn, Jam	0.1658	cum	@ Tk. . . .per	cum Tk. (Used 8 times) Tk. (10 % Salvage)
				Sub Total	Tk.
40.	<u>Metal Work</u>				
	40-020 Angle, M.S.	137.8400	kg	@ Tk. . . .per	kg Tk. (Used 20 times Tk. (25 % Salvage)
	40-030 Bar, Flat, M.S.	5.1382	kg	@ Tk. . . .per	kg Tk. (Used 20 times Tk. (25 % Salvage)
	40-095 Core helix (unextended) for prestressing	0.5695	m	@ Tk. . . .per	m Tk.
	40-140 Freyssionate anchor with J-hook(prestr.)	0.5695	No.	@ Tk. . . .per	No. Tk.
	40-365 Nuts & Bolts, 13mm and below	9.1740	kg	@ Tk. . . .per	kg Tk. (Used 20 times Tk. (25 % Salvage)
	40-682 Steel strips (for pre-stressing)	52.0000	kg	@ Tk. . . .per	kg Tk.
	40-740 Welding, Arc	500.0000	pnt	@ Tk. . . .per	100 pnt Tk. (Used 20 times)
	40-780 Wire, H.T. 12/7 mm (for pre-stressing)..	54.1000	kg	@ Tk. . . .per	kg Tk.
	40-785 Sheet: M.S; 14BWG	10.2000	sqm	@ Tk. . . .per	sqm Tk. (Used 20 times Tk. (25 % Salvage)
				Sub Total	Tk.
70.	<u>Equipment, Tools</u>				
	70-080 Concrete Mix Machine 0.2 cum : 8 hrs day	0.0530	day	@ Tk. . . .per	day Tk.
	70-180 Grout pump; power driven (prestressing)	0.8500	day	@ Tk. . . .per	day Tk.
	70-185 Grout agitator; power driven (prestress)	0.8500	day	@ Tk. . . .per	day Tk.
	70-238 Sheath making machine; power driven. ...	0.8500	day	@ Tk. . . .per	day Tk.
	70-300 H.T.hose pipe; (for prestressing).	0.2800	day	@ Tk. . . .per	day Tk.
	70-315 Pump for prestressing jack(power driven)	0.2800	day	@ Tk. . . .per	day Tk.
				Sub Total	Tk.
80.	<u>Labour</u>				
	80-210 Fitter	1.1390	day	@ Tk. . . .per	day Tk.
	80-215 Fitter, Helper	1.1390	day	@ Tk. . . .per	day Tk.
	80-370 Labour, Skilled	6.2757	day	@ Tk. . . .per	day Tk.
	80-375 Labour, Unskilled	4.1424	day	@ Tk. . . .per	day Tk.
	80-375 (Labour, Unskilled)	0.0250	day	@ Tk. . . .per	day Tk. (Misc. Sundry)
	80-425 Mason	0.1593	day	@ Tk. . . .per	day Tk.
	80-430 Mason, Head	0.1143	day	@ Tk. . . .per	day Tk.
	80-435 Mason, Helper	0.0792	day	@ Tk. . . .per	day Tk.

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80-500	Operator, Mixture Machine	0.0530	day	@ Tk. . . .per	day Tk.
80-505	Operator, sheath making machine.	0.8500	day	@ Tk. . . .per	day Tk.
80-515	Operator, Grout pump.	0.8500	day	@ Tk. . . .per	day Tk.
80-520	Operator, prestressing pump.	0.2800	day	@ Tk. . . .per	day Tk.
80-720	Technician	0.8000	day	@ Tk. . . .per	day Tk.
80-755	Welder	2.3586	day	@ Tk. . . .per	day Tk.
Sub Total					Tk.
Sum of Sub Total					Tk.
Overhead &					2.5 Tk.
Item Total					Tk.
Contractor's					10 % Tk.
Total					Tk.
VAT					5.5 % Tk.
Item Grand Total					Tk.