

M/S. ROCKY ENTERPRISE-2

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Estimate by the Procuring Entity

Item no.	Group	Item Code (if any)	Description of Item	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	Select 'YES' to see the Grand Total
1	Civil	-	Cleaning the following size pipe sewer manhole catch pits etc. including removing the bund inside the line manhole cleaning the solid semi-solid & slushy earth, debris, and any other foreign materials by manually labour by using ladder or by any other means, from the existing base of the line, without making any damage to the structure, including supply of all necessary equipment materials if necessary to ensure the proper cleaning along the hole length & wide up to the invert level of the line and removing the sludge & debris to safe distance place without causing any disturbance to the traffic etc. all complete as per direction the E/C.	Cum	135.940	49.001	Forty-Nine Point Zero Zero One	6661.195	Six Thousand Six Hundred And Sixty-One Point One Nine Five	Yes
2	Civil	-	Supply of daily labour /cleaner to clean the road surface debris, clay, sand, plothe & other foreign materials and also flattening & sold from road side catch pits & line, manhole including removing the sewer to safe distance & evictions works etc. all complete as per direction the E/C. (a) Labour /Cleaner	Each	37.000	1000.001	One Thousand Point Zero Zero One	37000.037	Thirty-Seven Thousand Point Zero Three Seven	Yes
3	Civil	-	Removal of pipe line sewer sludge from the cleaning site up to the nearest DCC dumping yard carrying loading unloading etc. complete as per direction of the engineer -in-charge.	Cum	135.940	324.001	Three Hundred And Twenty-Four Point Zero Zero One	44044.695	Forty-Four Thousand And Forty-Four Point Six Nine Five	Yes
4	Civil	-	Bailing out all source of water from trenches channel & any other means with all leads & lifts by pump or any other means etc. all complete as per direction of the E/C.	P/Day	10.000	1862.001	One Thousand Eight Hundred And Sixty-Two Point Zero Zero One	18620.010	Eighteen Thousand Six Hundred And Twenty Point Zero One	Yes
5	Civil	-	Laying of Un-plasticized polyvinyl Chloride sewer pipe in accordance with the technical specification and the standard details drawing, of any diameter and to the depth specified below. The rate to include for excavation in all materials except rock, to the full depth of trench required by the specification including all allowance for preparation of trench bottom backfill of the trench with selected excavated earth to the original ground level or underside of the temporary road reinstatement.	P/M	91.460	724.001	Seven Hundred And Twenty-Four Point Zero Zero One	66217.131	Sixty-Six Thousand Two Hundred And Seventeen Point One Three One	Yes
6	Civil	-	Errection of brickwork for the wall of manhole and service pit, at any req. depth, all in accordance with the technical specification and standard details drawings. The rate to include for the supply of first class bricks, the preparation of sand cement mortar (1:4) including the supply of all materials and flush pointing to the face of the brick wall work.	P/Sqm	9.030	6013.001	Six Thousand And Thirteen Point Zero Zero One	54297.399	Fifty-Four Thousand Two Hundred And Ninety-Seven Point Three Nine Nine	Yes
7	Civil	-	Placing of mass concrete for the base of service pit & benching to manhole and service pit	Cum	9.120	7314.001	Seven Thousand	66703.689	Sixty-Six Thousand	Yes

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			including the supply of all materials all in accordance with the technical specification and standard drawing. Mass concrete (1:2:4) for cover slab & benching of M.H&				Three Hundred And Fourteen Point Zero Zero One	Seven Hundred And Three Point Six Eight Nine	
8	Civil	-	"Reinforced cement concrete works using wooden shutter, with minimum cement content relates to mix ratio 1:2:4 having minimum f_{cr} = 24 Mpa, and satisfying a specified compressive strength $f_{c'}$ = 19 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & cement conforming to BDS EN-197-1- CEM 1 (32.5 to 52.5 N) / ASTM-C 150 Type I, best quality sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2] and 20 mm down well graded picked jhama brick chips conforming ASTM C-33 including breaking chips and screening, making, placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering including cost of water, electricity, testing and other charges etc. all complete approved and accepted by the Engineer. (Rate is excluding the cost of reinforcement and its fabrication, binding, welding and placing)" Formwork/shuttering, prop and necessary supports etc. (wooden)	Sqm	44.610	324.001	Three Hundred And Twenty-Four Point Zero Zero One	Fourteen Thousand Four Hundred And Fifty-Three Point Six Eight Four	Yes
9	Civil	-	Extra over item 3/1 for the provision of Mild steel reinforcing rods (40 grade) all in accordance with the technical specification and standard drawing. The rate to including for supply transportation cleaning of loose rust and bending cutting and fixing with G.I binding wire	Sqm	727.910	85.001	Eighty-Five Point Zero Zero One	Sixty-One Thousand Eight Hundred And Seventy-Three Point Zero Seven Seven	Yes
10	Civil	-	"Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:6) having with fresh cement to wall both inner-and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-II/A-M)"	Sqm	35.690	179.001	One Hundred And Seventy-Nine Point Zero Zero One	Six Thousand Three Hundred And Eighty-Eight Point Five Four Five	Yes
11	Civil	-	Connection of existing House service line to the new sewer mains at all depth in accordance with the technical specification for diameter of service line given below. The rate to include for plugging, dewatering, cleaning & unplugging of the existing service line. the rate also to including for necessary diversion and pumping to keep the service line in continuous operation. DN 150	Each	8.000	400.001	Four Hundred Point Zero Zero One	Three Thousand Two Hundred Point Zero Zero Eight	Yes
12	Civil	-	Supplying, fitting and fixing G.I. pipe with all special fittings, such as bends, elbows, sockets, reducing sockets, Tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending good the damages etc. all complete in all respects approved and accepted by the Engineer.a) 15 mm dia G.I. pipe with wall thickness 3.25 mm, outside diameter min 21.1 mm, weight 1.45 kg/m, can withstand min 50 kg/cm ² hydraulic pressure.	P/M	30.000	301.001	Three Hundred And One Point Zero Zero One	Nine Thousand And Thirty Point Zero Three	Yes
13	Civil	-	b) 20 mm dia Coil Pipe	P/M	115.000	120.001	One Hundred And Twenty	Thirteen Thousand Eight	Yes

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							Point Zero Zero One		Hundred Point One One Five	
14	Civil	-	b) 20 mm dia G.I. Pipe with wall thickness 3.25 mm, outside diameter min 26.6 mm, weight 1.90 kg/m, can withstand min 50 kg/cm2 hydraulic pressure.	P/M	25.000	390.001	Three Hundred And Ninety Point Zero Zero One	9750.025	Nine Thousand Seven Hundred And Fifty Point Zero Two Five	Yes
15	Civil	-	Supplying, fitting and fixing G.I. Union with sealant etc. complete in all respects approved and accepted by the Engineer. a) 12 mm dia G.I. Union	Each	15.000	104.001	One Hundred And Four Point Zero Zero One	1560.015	One Thousand Five Hundred And Sixty Point Zero One Five	Yes
16	Civil	-	b) 20 mm dia G.I. Union	Each	12.000	136.001	One Hundred And Thirty- Six Point Zero Zero One	1632.012	One Thousand Six Hundred And Thirty- Two Point Zero One Two	Yes
17	Civil	-	Supplying, fitting and fixing best quality G.I. gate valve with sealant etc. complete approved and accepted by the Engineer. b) 20 mm brass gate valve	Each	10.000	521.001	Five Hundred And Twenty-One Point Zero Zero One	5210.010	Five Thousand Two Hundred And Ten Point Zero One	Yes
18	Civil	-	Supplying, fitting and fixing best quality faucets etc. complete approved and accepted by the Engineer a) 12 mm CP bib cock	Each	8.000	517.001	Five Hundred And Seventeen Point Zero Zero One	4136.008	Four Thousand One Hundred And Thirty- Six Point Zero Zero Eight	Yes
19	Civil	-	Construction of masonry inspection pits up to a depth of 700 mm with 250 mm thick brick work in cement mortar (1:4) including 100 mm thick R.C.C. top slab (1:2:4) with 1% reinforcement, man-hole cover with locking arrangement including necessary earth work, side filling and one brick flat soling. 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete approved and accepted by the Engineer. Clear 450 x 450 mm and depth 450 to 600 mm, average 525 mm for single 150 mm dia R.C.C. pipes and 400 mm PVC pipe with pit cover and 450 mm dia C.I. man-hole cover.	Each	10.000	5012.001	Five Thousand And Twelve Point Zero Zero One	50120.010	Fifty Thousand One Hundred And Twenty Point Zero One	Yes
							Grand Total:	474697.695	Four Lakh Seventy- Four Thousand Six Hundred And Ninety- Seven Point Six Nine Five	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Eklal on behalf of M/S. ROCKY ENTERPRISE-2