

A.K. International

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Estimate by the Procuring Entity

Item No.	Group	Item Code (if any)	Description of Items of Works (specifications preferably built-in)	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen
1	N/A	N/A	supply, Installation and laying of HDPE Pipe in accordance with the technical specification and direction of Engineering in charge. (75 mm dia hdpe Pipe)	Rm	10.000	862.501	Eight Hundred and Sixty-Two point Five Zero One	8625.010	Eight Thousand Six Hundred and Twenty-Five point Zero One	I have seen
2	N/A	N/A	supply, Installation and laying of HDPE Pipe in accordance with the technical specification and direction of Engineering in charge. (110 mm dia hdpe Pipe)	Rm	13.000	1322.501	One Thousand Three Hundred and Twenty-Two point Five Zero One	17192.513	Seventeen Thousand One Hundred and Ninety-Two point Five One Three	I have seen
3	N/A	N/A	supply, Installation and laying of HDPE Pipe in accordance with the technical specification and direction of Engineering in charge. (160 mm dia hdpe Pipe)	Rm	9.000	1437.501	One Thousand Four Hundred and Thirty-Seven point Five Zero One	12937.509	Twelve Thousand Nine Hundred and Thirty-Seven point Five Zero Nine	I have seen
4	N/A	N/A	supply, Installation and laying of HDPE Pipe in accordance with the technical specification and direction of Engineering in charge. (210 mm dia hdpe Pipe)	Rm	6.000	1926.251	One Thousand Nine Hundred and Twenty-Six point Two Five One	11557.506	Eleven Thousand Five Hundred and Fifty-Seven point Five Zero Six	I have seen
5	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and direction of Engineering in charge. (75 mm dia hdpe end Cap)	Nos	4.000	1265.001	One Thousand Two Hundred and Sixty-Five point Zero Zero One	5060.004	Five Thousand AND Sixty point Zero Zero Four	I have seen
6	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and	Nos	8.000	1725.001	One Thousand Seven Hundred	13800.008	Thirteen Thousand Eight Hundred	I have seen

			direction of Engineering in charge. (110 mm dia hdpe end Cap)				and Twenty- Five point Zero Zero One		point Zero Zero Eight	
7	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and direction of Engineering in charge. (160 mm dia hdpe end Cap)	Nos	6.000	2070.001	Two Thousand AND Seventy point Zero Zero One	12420.006	Twelve Thousand Four Hundred and Twenty point Zero Zero Six	I have seen
8	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and direction of Engineering in charge. (75 mm dia hdpe Sleeve)	Nos	14.000	2875.001	Two Thousand Eight Hundred and Seventy- Five point Zero Zero One	40250.014	Forty Thousand Two Hundred and Fifty point Zero One Four	I have seen
9	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and direction of Engineering in charge. (110 mm dia hdpe Sleeve)	Nos	14.000	5175.001	Five Thousand One Hundred and Seventy- Five point Zero Zero One	72450.014	Seventy- Two Thousand Four Hundred and Fifty point Zero One Four	I have seen
10	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and direction of Engineering in charge. (160 mm dia hdpe Sleeve)	Nos	4.000	8050.001	Eight Thousand AND Fifty point Zero Zero One	32200.004	Thirty-Two Thousand Two Hundred point Zero Zero Four	I have seen
11	N/A	N/A	supply, Installation and laying of HDPE Fittings in accordance with the technical specification and direction of Engineering in charge. (210 mm dia hdpe Sleeve)	Nos	6.000	9775.001	Nine Thousand Seven Hundred and Seventy- Five point Zero Zero One	58650.006	Fifty-Eight Thousand Six Hundred and Fifty point Zero Zero Six	I have seen
12	N/A	N/A	Earth work in excavation up to the required depth for pipeline chamber all kinds of soil, precautions necessary to avoid damage of under ground utility services, including removing the excavated earth & stacking the same to safe distance. de- watering machine will be install for maintain the excavation site to dry condition at all time and disposal of surplus excavated materials etc. all complete as per Drawing, Specification & Direction of the E/C	Cum	39.780	171.351	One Hundred and Seventy- One point Three Five One	6816.343	Six Thousand Eight Hundred and Sixteen point Three Four Three	I have seen
13	N/A	N/A	A)Extra-over item 1 for the supply depositing and compaction of fine sand back filling (FM 0.8) at all	Cum	39.780	578.451	Five Hundred and	23010.781	Twenty- Three Thousand	I have seen

			required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters. .				Seventy-Eight point Four Five One		AND Ten point Seven Eight One	
14	N/A	N/A	Extra-over item 1 for the excavation and removal of soft soil (on written permission of E/C) from the trench bottom beyond allowable depth and back fill of this by supplying, depositing and compaction in 150 mm layer of fine sand (FM 0.8) at all required depth in accordance with the technical specification and direction of Engineering in charge,	Cum	39.780	331.201	Three Hundred and Thirty-One point Two Zero One	13175.176	Thirteen Thousand One Hundred and Seventy-Five point One Seven Six	I have seen
15	N/A	N/A	The excavation of trial holes and the completion of back fill with approved fill materials, all in accordance with the technical specification.	Cum	27.360	184.001	One Hundred and Eighty-Four point Zero Zero One	5034.267	Five Thousand AND Thirty-Four point Two Six Seven	I have seen
16	N/A	N/A	Shifting and connection of existing Service Lines to improved systems for all depths, diameters, length up to meter chambers at consumers premises. The rate to include all necessary uPVC BS E-class pipes/ PE Pipe , excavation, PVC clamp saddies or Ci clamps, quality fittings, valves, appropriate drilling system for making holes in pipes, backfilling with sand (FM 0.8), plugging, de-watering, cleaning, unplugging, fitting fixing of float valve / check valve at the end of service line(in the reservoirs), shifting or change of service meter. The contractor will responsible for work up to the meter chamber and contractor will keep record of service line shifting works. The contractor will arrange to make the meter chamber with cost of consumer if there is no chamber or poor quality chamber. The rate includes all pipes, fittings, materials (domestic meter shall be provided by DWASA), installation arrangement, for necessary diversion and provide water to consumer for disturbing period, pressure test of each connection . After completion of work, contractor will submit the list of shifting work. All works shall be done in accordance with Technical Specification, direction of Engineering in charge and approved drawings.(DN-20 to DN-25 mm dia)	Nos	16.000	1398.401	One Thousand Three Hundred and Ninety-Eight point Four Zero One	22374.416	Twenty-Two Thousand Three Hundred and Seventy-Four point Four One Six	i have seen
17	N/A	N/A	Shifting and connection of existing Service Lines to improved systems for all depths, diameters, length up to meter chambers at	Nos	3.000	2439.151	Two Thousand Four Hundred	7317.453	Seven Thousand Three Hundred	I have seen

			consumers premises. The rate to include all necessary uPVC BS E-class pipes/ PE Pipe , excavation, PVC clamp saddles or CI clamps, quality fittings, valves, appropriate drilling system for making holes in pipes, backfilling with sand (FM 0.8), plugging, de-watering, cleaning, unplugging, fitting fixing of float valve / check valve at the end of service line(in the reservoirs), shifting or change of service meter. The contractor will responsible for work up to the meter chamber and contractor will keep record of service line shifting works. The contractor will arrange to make the meter chamber with cost of consumer if there is no chamber or poor quality chamber. The rate includes all pipes, fittings, materials (domestic meter shall be provided by DWASA), installation arrangement, for necessary diversion and provide water to consumer for disturbing period, pressure test of each connection . After completion of work, contractor will submit the list of shifting work. All works shall be done in accordance with Technical Specification, direction of Engineering in charge and approved drawings.(DN-20 to DN-25 mm dia)				and Thirty- Nine point One Five One		and Seventeen point Four Five Three	
18	N/A	N/A	Supply and Installation of MS casing pipe to water distribution pipe lines lying on the alignment of the sewer main at all depths, for the diameter of water pipeline given below. The rate to include excavation of the water pipeline; necessary cleaning; cutting of the water pipeline and re-jointing to the approval of the Engineer; supply and fit of the required casing pipe, and backfill of all excess excavation in accordance with the Technical Specification. in accordance with Technical Specification and direction of Engineering in charge.	Rm	2.000	5138.201	Five Thousand One Hundred and Thirty- Eight point Two Zero One	10276.402	Ten Thousand Two Hundred and Seventy- Six point Four Zero Two	I have seen
19	N/A	N/A	Hire charge for Generator	Day	9.000	2875.001	Two Thousand Eight Hundred and Seventy- Five point Zero Zero One	25875.009	Twenty- Five Thousand Eight Hundred and Seventy- Five point Zero Zero Nine	I have seen
20	N/A	N/A	Hire charge for Electrification machine	Day	9.000	2875.001	Two Thousand Eight Hundred and	25875.009	Twenty- Five Thousand Eight Hundred	I have seen

							Seventy-Five point Zero Zero One		and Seventy-Five point Zero Zero Nine	
21	N/A	N/A	Hire charge of de-watering Pump :Bailing out of all water from pipe line trench with supply of de-watering pump required size including supplying of fuel lubricants and all other required accessories & manpower to keep the trench in a dry condition at all times etc. all completed as per direction of the E/C.	Day	14.000	2141.301	Two Thousand One Hundred and Forty-One point Three Zero One	29976.214	Twenty-Nine Thousand Nine Hundred and Seventy-Eight point Two One Four	I have seen
22	N/A	N/A	<u>Reconstruction & repairing of service manhole (Sewer/ storm sewer pit)</u> Reconstruction and repairing of other utilities services (Telephone/ Gas/Electricity/Sewer/surface & underground drains/ storms sewer pit or any other system in the pipe alignment), includes all necessary materials, cables, replacement, reinstallation, repairing of broken service manhole, sewer pit including supply of all types of cables, pipes, fittings, course & fine aggregates, bricks, cement and any other works in accordance with Technical Specification and direction of Engineering in charge, each unit includes total safety, repair, replacement of other utilities for each 100 meter pipelines alignment, all mentioned cost will be paid by Contractor..	Each	10.000	1725.001	One Thousand Seven Hundred and Twenty-Five point Zero Zero One	17250.010	Seventeen Thousand Two Hundred and Fifty point Zero One	I have seen
							Grand Total:	472125.674	Four Lakh Seventy-Two Thousand One Hundred and Twenty-Five point Six Seven Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. TAKDIR (SWAPAN) on behalf of A.K. International