



জনতা ব্যাংক লিমিটেড নং CD 735878
BW
.....শাখা

চলতি হিসাব নম্বর
0100000060130

তারিখ: ২২/৬/২৪
Dhaka WASA Tender Documents

বিবরণ	টাকার পরিমাণ
মোট টাকা	২২০০০/-

টাকা (কথায়) ...

ডিপো : ৩৫২
টেলার অফিসার

SEWERAGE AUTHORITY

ive Engineer
aka WASA
mpound, Dhaka.
gmail.com

TENDER DOCUMENT FOR

Repair & Maintenance of water line, Fining out S/V, Operating Sluice valve under road carpeting and different dia water line checking at shantinagar area, Pir Shaheber goli, Infront of Eastern peach, Shantinagar main road etc area under MODS Zone-6, Dhaka WASA.

Invitation for Tender No: 46.113.410.00.00.A/45/24-03/Zone-6
Issued on: 10/06/2024
Lot No: Single Lot.

M/S. F.B ENTERPRISE
Proprietor

Tender Submission Letter (Form PW2b-1)*[This letter should be completed and signed by the Tenderer on its Letter-Head Pad]*

To: Executive Engineer MODS Zone-6, Dhaka WASA Fakirapool Water tank Compound, Dhaka.	Date :
Invitation for Tender No: 46.113.410.00.00.A/45/24-03/Zone-6	Date: 10-06-2024
Tender Package No: N/A	Lot No: Single

In accordance with ITT Clauses 13, the following prices apply to our Tender:

The Tender Price is:	Taka (in figures) : 4,38,004.734
(ITT Clause 21)	Taka (in words) : Four lac thirty eight thousand point seven three four

In signing this letter, and in submitting our Tender, we also confirm that:

- (a) our Tender shall be valid for the period stated in the Tender Data Sheet (ITT Sub Clause 24.1) and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) we have examined and have no reservations to the Tender Document, issued by you on [insert date] including Addendum, if any.
- (c) we, declare that we are eligible to participate in this Tender and meet the eligibility criteria specified in the Tender Document (ITT Clause 4);
- (d) furthermore, we are aware of ITT Clause 3.2 concerning such practices and pledge not to indulge in such practices in competing for or in executing the Contract;
- (e) we are not participating as Tenderers in more than one Tender in this Tendering process. We understand that your written Notification of Award shall constitute the acceptance of our Tender and shall become a binding Contract between us, until a formal Contract is prepared and executed;

Signature: [insert signature of the Tenderer]	
Name: [insert full name of signatory with National ID Number]	
In the capacity of: [insert capacity of signatory]	

Section-06

Bill of Quantities

Of the Work : Repair & Maintenance of water line, Finding Out S/V, Operating Sluice vale under Road Carpeting and
 dia water line checking at Shantinagar area, Pir Shaheber goli, infront of Eastern peach, Shantinagar main road etc
 under MODS Zone-6, Dhaka WASA.

Memo No: 46.113.410.00.00.A/45/24-03/Zone-6 ,Date: 10-06-2024, Package- N/A, Lot- N/A.

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
Approved rate	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also covers clayey cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge	Sqm.	40.500	169.001	One hundred Sixty nine point zero zero one	6,844.541	Six thousand eight hundred fourty four point five four one.

M/S. F.B ENTERPRISE

 Proprietor

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
				7	8	9 =(6*7)	10
2	4	5	6	7	8	9 =(6*7)	10
Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil, BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge. 225 mm dia HDPE Pipe	M	1.000	574.001	Five Hundred Seventy four point Zero Zero one	574.001	Five hundred seventy four point zero zero one

M/S. F.B ENTERPRISE
[Signature]
Proprietor

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil, BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge. 160 mm dia HDPE Pipe	M	2.000	459.001	Four Hundred Fifty nine point Zeroi Zero one	918.002	Nine hundred eighteen point zero zero two.

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M/S. F.B ENTERPRISE
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Proprietor

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil, BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge. 110 mm dia HDPE Pipe	M	5.000	414.001	Four Hundred Fourteen point zero zero one.	2,070.005	Two thousand seventy point zero zero five.

M/S. F.B ENTERPRISE

Proprietor

S.No.	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
4		5	6	7	8	9 =(6*7)	10
	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil, BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge. 75 mm dia HDPE Pipe	M	1.000	414.001	Four Hundred Fourteen point zero zero one.	414.001	Four hundred fourteen point zero zero one.
	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE SLEEVE (EF) 75 MM (Only Laying Charge)	P/nr	2.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	2,990.002	Two thousand ninty nine point zero zero two.

M/S. F.B ENTERPRISE

Proprietor

Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
4		5	6	7	8	9 =(6*7)	10
	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE SLEEVE (EF) 110 MM (Only Laying Charge)	P/nr	8.000	1,495.001	One Thousand Four Hundred ninety Five Point Zero Zero one.	11,960.008	Eleven thousand nine hundred sixty point zero zero eight
	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE SLEEVE (EF) 160 MM (Only Laying Charge)	P/nr	5.000	1,495.001	One Thousand Four Hundred ninety Five Point Zero Zero one.	7,475.005	Seven thousand four hundred seventy five point zero zero five
	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE SLEEVE (EF) 200 MM (Only Laying Charge)	P/nr	4.000	2,587.001	Two Thousand Five Hundred Eighty Seven point Zero Zero one	10,348.004	ten thousand three hundred forty eight point zero zero four

M/S. F.B ENTERPRISE

Proprietor

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE TEE (EF) 110 MM X 110 MM X 110 MM	P/nr	1.000	2,127.001	Two Thousand One Hubdred Twenty Seven point zero zero one	2,127.001	Two thousand one hundred twenty seven point zero zero one
Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE TEE (EF) 160 MM X 110 MM X 160 MM	P/nr	1.000	2,127.001	Two Thousand One Hubdred Twenty Seven point zero zero one	2,127.001	Two thousand one hundred twenty seven point zero zero one
Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE TEE (EF) 160 MM X 160 MM X 160 MM.	P/nr	1.000	2,127.001	Two Thousand One Hubdred Twenty Seven point zero zero one	2,127.001	Two thousand one hundred twenty seven point zero zero one

M/S. F.B ENTERPRISE

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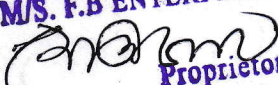
Description of the items	Unit	Qty	Unit Price (Rs)			
			In Figure	In Word	In Figure	In word
4	5	6	7	8	9 =(6*7)	10
Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. 110 mm dia HDPE 90° bend (EF) (Only Laying Charge)	P/nr	1.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	1,495.001	One Thousand four hundred ninty five point zero zero one
Extra-over item 1 for installation including procurement, supply, carrying of HDPE (PN10, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.Reducer -160 mm dia HDPE 90° bend (EF) (Only Laying Charge)	P/nr	1.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	1,495.001	One Thousand four hundred ninty five point zero zero one
Extra-over item 1 for installation including procurement, supply, carrying of HDPE (PN10, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.End Cap - EF 110 mm (Only laying Charge)	P/nr	1.000	1,056.001	One Thosand Fifty six point Zero Zero one	1,056.001	One thousand fifty six point zero zero one.


M/S. F.B ENTERPRISE

Proprietor

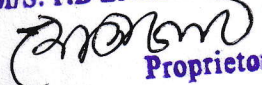
Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9=(6*7)	10
Approved Rate	Extra-over item 1 for installation including procurement, supply, carrying of HDPE (PN10, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. Stub End 200 mm	P/nr	2.000	2,456.001	Two Thousand four hundred fifty six point zero zero one	4,912.002	Four Thousand nine hundred twelve point zero zero two.
Approved Rate	Bailing out of trapped water caused by inundation or rain, by pump from foundation trenches.	Hr	96.000	474.001	Four Hundred sevety four point zero zero one	45,504.096	Fourty Five Thousand five hundred four point zero nine six.
Approved Rate	Extra-over item 1 for the procurement, carrying, supply, depositing and compaction of fine sand (FM 0.8) for bedding and surrounding the pipes up to required depth with proper ramming of 150mm layer as per specifications and direction of Engineering in charge and standard detail drawings for all pipelines.	Cum	13.163	708.001	Seven hundred eight point zero zero one	9,319.063	Nine Thousand Three Hundred nineteen point zero six three.
Approved Rate	Extra-over item 1 for the supply, depositing and compaction of fine sand (FM 0.8) for backfilling up to required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters.	Cum	8.775	708.000	Seven hundred eight.	6,212.700	Six Thousand Two Hundred Twelve point seven zero zero.
Approved Rate	Extra-over item 1 for backfilling by excavated soil including depositing and compaction at all required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters.	Cum	31.463	347.000	Three Hundred fourty seven	10,917.488	Ten Thousand Nine Hundred Seventeen point Four Eught Eight.

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M/S. F.B ENTERPRISE

 Proprietor

Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
4, PWD-022	Cleaning and disposing of excavated earth from the construction site by truck or by any other means to a place within 30 km radius of the city or town area including loading & unloading at both ends, leveling and dressing the carried earth etc. complete and accepted by the Engineer-in-charge.	Cum	56.700	756.001	Seven hundred fifty six point zero zero one.	42,865.257	Fourty Two Thousand Eight Hundred sixty five point Two Five Seven.
11, PWD-022	50 mm downgraded picked jhama khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in (2:1) (Khoa:Sand) proportion to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and preading in 150 mm layers uniformly and ompacting etc. all complete and accepted by the Engineer-in-charge	Cum	1.313	6,055.001	Six Hundred fifty five point zero zeroone	7,947.189	Seven Thousand Nine Hundred Fourty Seven point Ine Eight Nine.
proved rate	Removing sludge or semi-liquid clay/substances etc. not suitable for pumping out or carrying by head load from the bottom of any marshy land, lake, ditch, pond by mixing fine local sand of minimum F.M. 0.8 to a proportion such that it can be carried to an intermediate point of disposal and cutting the same including stacking and spreading properly on a suitable place to dry in the sun for a certain days and dispose the dried sludge or clay to a safe distance etc. complete and accepted by Engineer-in-charge subject to submit method statement to the engineer in charge for carrying out the works including ultimate disposal of the sludge under this item for approval. However, engineer's approval shall not relieve the Contractor of his responsibilities and obligations under the contract.	Cum	13.163	1,054.001	One thousand fifty four point zero zero one	13,873.288	Thirteen Thousand Eight Hundred seventy three point two eight eight.

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M/S. F.B ENTERPRISE

 Proprietor

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 = (6*7)	10
proved rate	procurement, carrying, supplying materials and making of service connection for all depths, diameters, length up to consumers premises. The rate includes cost for excavation, all necessary HDPE service connection pipe, HDPE fittings (saddle clamp, ferrule, straight coupling, valves etc.), appropriate drilling system for making holes in pipes, backfilling with sand (FM 0.8), precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair it by his own cost), plugging, de-watering, cleaning, unplugging. The contractor will keep record of total number service connections provided to the households. All works shall be done as per specifications and the standard detail drawing and direction of the Engineer. Service connections of different diameters (20 mm, 25 mm, 37 mm, 50 mm, 75 mm) from distribution network composed of HDPE pipes of different diameters (only labour charge)	P/nr	4.000	4,553.001	Four thousand five hundred fifty three point zero zero one	18,212.004	Eighteen Thousand Two Hundred Twelve point Zero Zero four.
proved rate	Interconnection of water pipelines to any existing water supply networks, the rate includes for excavation, cutting, necessary plugging, de-watering, cleaning and unplugging, protection and repair of any existing structures. All works shall be done in accordance with Technical Specification and direction of Engineering in charge and Standard detail Drawings for the diameter of the existing water pipelines given below.	P/nr	1.000	2,809.001	Two Thousand eight hundred nine point zero zero one	2,809.001	Two Thousand Eight Hundred nine point zero zero one.
proved rate	Procurement, carrying, supplying of all necessary materials and Construction of Washout valves surface box in the network including supports and all piping, fittings and other equipment in accordance with the specification and standard detail drawings	P/nr	1.000	11,498.001	Eleven thousand four hundred ninety eight point zero zero one	11,498.001	Eleven thousand four hundred ninety eight point Zero zero one.
5.2, 1022	Dismantling of plain concrete made of lime or cement and removal of debris to a safe distance	Cum	5.850	1,647.001	one thousand six hundred forty seven point zero zero one.	9,634.956	Nine Thousand Six hundred thirty four point nine five six.

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M/S. F.B ENTERPRISE

Proprietor

Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
Approved rate	Hire Charge of road surface Cutter Machine for Heavy surfaced Road (Mechanically). During construction/Rehabilitation of water to cut or dismantling the R.C.C, C.C Asphalt and Bituminous road surface by open cut Method using hard surface Mechanical cutting machine with necessary removal of dismantled materials. Providing temporary indication board, etc. Complete (As per item no 1 both site).	M	78.000	92.501	Ninty Two point five zero one.	7,215.078	Seven thousand Two hundred fifteen point Zero seven eight.
Approved rate	Hiring charge for supply and installation of MS sheets (1800x900x18mm) over the trench / road surface for a smooth traffic movement during the execution of works in accordance with Technical Specification and direction of Engineering in charge.	Sqm.	6.480	438.751	Four hundred thirty eight point seven five one	2,843.106	Two Thousand eight hundred forty three point one zero six.
Approved rate	Reconstruction and repairing of other utilities services Telephone/Gas/Electricity/Sewer/s urface & 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.	P/nr	5.000	1,875.001	One thousand eight hundred seventy five point zero zero one	9,375.005	Nine Thousand three hundred seventy five point zero zero five.
3.1.1, 0-2022	Herring bone bond (HBB) with brick on edges pavement with first class or picked jhama bricks as per alignment, camber and grade over 12 mm thick sand cushion (F.M. 0.80) including filling the joints with the same sand including cost of all materials and accepted by the Engineer-in-charge.	Sqm.	29.250	1,090.001	One Thosand ninty point zero zero one	31,882.529	Thirty One Thousand Eight Hundred eighty two point five two nine.
Approved rate	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge	Sqm.	29.250	636.001	Six hundred thirty six point zero zero one.	18,603.029	Eighteen Thousand six hundred three point Zero Two Nine.

S.No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
	2	4	5	6	7	8	9 = (6*7)	10
200	Approved rate	Supplying and spreading 1st class and picket bricks chips (LAA value not exceeding 40) including cost of bricks carrying, breaking into specified sizes including screening & specified sizes spreading uniformly on the road surface maintaining grade, camber and super elevation, etc. All complete as per direction of the E-I-C. 50mm downgraded.	Cum	1.800	3,800.141	Three Thousand eight hundred point one four one.	6,840.254	Six Thousand Eight Hundred Forty point Two five four.
24.00	Approved rate	Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II / B-M)	Cum	2.925	10,504.001	Ten thousand five hundred four point zero zero one.	30,724.203	Thirty Thousand Seven hundred twenty four point Two zero three.
35.00	Approved rate	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	Sqm.	29.250	47.001	Fourty seven point zero zero one	1,374.779	One Thousand Three Hundred Seventy four point seven seven nine
36.00	C-2.1.2, PWD-2022	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench- mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	Cum	40.125	168.001	One hundred sixty eight point zero zero one.	6,741.040	Six Thousnd Seven hundred forty one point zero foue zero.

Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
				In Figure	In Word	In Figure	In word
2	4	5	6	7	8	9 =(6*7)	10
Approved date	Extra-over item 1 for the supply (including supply of fittings described in schedule of requirement Annex-----) and installation following adopters for jointing components of pipelines, diameter given below, as per specifications and direction of Engineering in charge and the standard detail drawings.3.17.C-150 mm dia M.S End cap	P/nr	2.000	1,506.499	One thousand five hundred six point four nine nine	3,012.998	Three Thousand Twelve point Nine nine eight.
Approved date	Extra-over item 1 for the supply (including supply of fittings described in schedule of requirement Annex-----) and installation following adopters for jointing components of pipelines, diameter given below, as per specifications and direction of Engineering in charge and the standard detail drawings.4.2.b-150 mm dia Dresser Coupling in/c nut-bolts	P/nr	2.000	1,411.049	one thousand four hundred eleven point zero four nine.	2,822.098	Two Thousand Eight hundred Twenty two point Zero nine eight.
Approved date	Stem maintenance	P/nr	6.000	4,000.001	Four thousand point zero zero one.	24,000.006	Twenty Four Thousand point Zero Zero Six.
Approved date	Procurement, carrying, supply and installation of MS casing pipe, fittings, and all temporary and permanent arrangements for Bridge Crossing including all necessary pipe support.150 mm MS casing pipe	M	5.000	4,800.001	Four thousand eight hundred point zero zero one.	24,000.005	Thwety Four Thousand point Zero Zero Five.
Approved date	Procurement, carrying, supplying of all necessary materials and Construction of Gate valves surface box in the network including supports and all piping, fittings and other equipment in accordance with the specification and standard detail drawings	P/nr	6.000	5,537.001	Five Thousand Five Hundred thirty seven point zero zero one.	33,222.006	Thirty Three Thousand Two Hundrtd thirty seven point zero zero one.

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M/S. F.B ENTERPRISE
[Handwritten signature]
Proprietor

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
					7	8	9 = (6*7)	10
1	2	4	5	6	7	8	9 = (6*7)	10
00	C-16.3.1, PWD-2022	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in 2 coats over single coat anti- corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	Sqm.	8.940	229.001	Two Hundred Twenty nine point zero zero one	2,047.269	Two thousand fourty sevn pont two six nine

Price quoted by the Tenderer: [01] % (percent) above / below / at par the total estimated cost in the BOQ

Total Estimated Cost Tk. 442,429.025

= 4,38,004.734/-
Four lac thirty eight thousand four point seven three four

(Blank Space For Providing Quotation both in figure and in word)

1. It is suggested that the Tenderer uses these sheets of the BOQ in order to avoid any manipulation, distortion and inadvertent mistakes or in course of preparing the Tender by the Tenderer

er's profit, overheads, VAT and all other charges including corresponding incidental service charges for banking shall be deemed included in all es and prices in the BOQ against each basic item or activity and, thus forth the total Tender Price quoted by the Tenderers.

the Guidance notes under Section 6 in filling this Schedule

M/S. F.B ENTERPRISE

Proprietor

Section-06

Bill of Quantities

Name Of the Work : Repair & Maintenance of water line, Finding Out S/V, Operating Sluice vale under Road Carpeting and different dia water line checking at Shantinagar area, Pir Shaheber goli, infront of Eastern peach, Shantinagar main road etc area under MODS Zone-6, Dhaka WASA.

IFT No-Memo No: 46.113.410.00.00.A/45/24-03/Zone-6 ,Date: 10-06-2024, Package- N/A, Lot- N/A.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
1.00	Approved rate	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also covers clayey cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge	Sqm.	40.500	169.001	One hundred Sixty nine point zero zero one	6,844.541	Six thousnd eight hundred fourty fourty four point five four one.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
2.00	Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil,BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge.225 mm dia HDPE Pipe	M	1.000	574.001	Five Hundred Seventy four point Zero Zero one	574.001	Five hundred seventy four point zero zero one

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
3.00	Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil,BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge.160 mm dia HDPE Pipe	M	2.000	459.001	Four Hundred Fifty nine point Zeroi Zero one	918.002	Nine hundred eighteen point zero zero two.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
4.00	Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil,BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge.110 mm dia HDPE Pipe	M	5.000	414.001	Four Hundred Fourteen point zero zero one.	2,070.005	Two thousand seventy point zero zero five.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
5.00	Approved rate	Installation and laying of High Density Polyethylene (HDPE) water pipelines by Open Cut method in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil,BFS/HBB/Bituminous road/Cement Concrete/Reinforced Cement Concrete road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, transportation of pipes to site, cleaning, jointing and laying of the water pipes; as per specifications and direction of Engineering in charge.75 mm dia HDPE Pipe	M	1.000	414.001	Four Hundred Fourteen point zero zero one.	414.001	Four hundred fourteen point zero zero one.
6.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE SLEEVE (EF) 75 MM (Only Laying Charge)	P/nr	2.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	2,990.002	Two thousand ninty nine point zero zero two.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
7.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. HDPE SLEEVE (EF) 110 MM (Only Laying Charge)	P/nr	8.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	11,960.008	Eleven thousand nine hundred sixty point zero zero eight
8.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.HDPE SLEEVE (EF) 160 MM (Only Laying Charge)	P/nr	5.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	7,475.005	Seven thousand four hundred seventy five point zero zero five
9.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.HDPE SLEEVE (EF) 200 MM (Only Laying Charge)	P/nr	4.000	2,587.001	Two Thousand Five Hundred Eighty Seven point Zero Zero one	10,348.004	ten thousand three hundred forty eight point zero zero four

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
10.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.HDPE TEE (EF) 110 MM X 110 MM X 110 MM	P/nr	1.000	2,127.001	Two Thousand One Hubdred Twenty Seven point zero zero one	2,127.001	Two thousand one hundred twenty seven point zero zero one
11.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.HDPE TEE (EF) 160 MM X 110 MM X 160 MM	P/nr	1.000	2,127.001	Two Thousand One Hubdred Twenty Seven point zero zero one	2,127.001	Two thousand one hundred twenty seven point zero zero one
12.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.HDPE TEE (EF) 160 MM X 160 MM X 160 MM.	P/nr	1.000	2,127.001	Two Thousand One Hubdred Twenty Seven point zero zero one	2,127.001	Two thousand one hundred twenty seven point zero zero one

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
13.00	Approved rate	Extra-over item 1 for supplying and installing of HDPE (PN16, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. 110 mm dia HDPE 90° bend (EF) (Only Laying Charge)	P/nr	1.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	1,495.001	One Thousand four hundred ninty five point zero zero one
14.00	Approved rate	Extra-over item 1 for installation including procurement, supply, carrying of HDPE (PN10, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.Reducer -160 mm dia HDPE 90° bend (EF) (Only Laying Charge)	P/nr	1.000	1,495.001	One Thousand Four Hundred ninty Five Point Zero Zero one.	1,495.001	One Thousand four hundred ninty five point zero zero one
15.00	Approved rate	Extra-over item 1 for installation including procurement, supply, carrying of HDPE (PN10, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.End Cap - EF 110 mm (Only laying Charge)	P/nr	1.000	1,056.001	One Thosand Fifty six point Zero Zero one	1,056.001	One thousand fifty six point zero zero one.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
16.00	Approved rate	Extra-over item 1 for installation including procurement, supply, carrying of HDPE (PN10, PE 100, SDR 11) fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge. Stub End 200 mm	P/nr	2.000	2,456.001	Two Thousand four hundred fifty six point zero zero one	4,912.002	Four Thousand nine hundred twelve point zero zero two.
17.00	Approved rate	Bailing out of trapped water caused by inundation or rain, by pump from foundation trenches.	Hr	96.000	474.001	Four Hundred sevety four point zero zero one	45,504.096	Fourty Five Thousand five hundred four point zero nine six.
18.00	Approved rate	Extra-over item 1 for the procurement, carrying, supply, depositing and compaction of fine sand (FM 0.8) for bedding and surrounding the pipes up to required depth with proper ramming of 150mm layer as per specifications and direction of Engineering in charge and standard detail drawings for all pipelines.	Cum	13.163	708.001	Seven hundred eight point zero zero one	9,319.063	Nine Thousand Three Hundred nineteen point zero six three.
19.00	Approved rate	Extra-over item 1 for the supply, depositing and compaction of fine sand (FM 0.8) for backfilling up to required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters.	Cum	8.775	708.000	Seven hundred eight.	6,212.700	Six Thousand Two Hundred Twelve point seven zero zero.
20.00	Approved rate	Extra-over item 1 for backfilling by excavated soil including depositing and compaction at all required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters.	Cum	31.463	347.000	Three Hundred forty seven	10,917.488	Ten Thousand Nine Hundred Seventeen point Four Eught Eight.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
21.00	C-2.14, PWD-2022	Cleaning and disposing of excavated earth from the construction site by truck or by any other means to a place within 30 km radius of the city or town area including loading & unloading at both ends, leveling and dressing the carried earth etc. complete and accepted by the Engineer-in-charge.	Cum	56.700	756.001	Seven hundred fifty six point zero zero one.	42,865.257	Fourty Two Thousand Eight Hundred sixty five point Two Five Seven.
22.00	C-2.11, PWD-2022	50 mm downgraded picked jhama khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in (2:1) (Khoa:Sand) proportion to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and preading in 150 mm layers uniformly and ompacting etc. all complete and accepted by the Engineer-in-charge	Cum	1.313	6,055.001	Six Hundred fifty five point zero zeroone	7,947.189	Seven Thousand Nine Hundred Fourty Seven point Ine Eight Nine.
23.00	Approved rate	Removing sludge or semi-liquid clay/substances etc. not suitable for pumping out or carrying by head load from the bottom of any marshy land, lake, ditch, pond by mixing fine local sand of minimum F.M. 0.8 to a proportion such that it can be carried to an intermediate point of disposal and cutting the same including stacking and spreading properly on a suitable place to dry in the sun for a certain days and dispose the dried sludge or clay to a safe distance etc. complete and accepted by Engineer-in-charge subject to submit method statement to the engineer in charge for carrying out the works including ultimate disposal of the sludge under this item for approval. However, engineer's approval shall not relieve the Contractor of his responsibilities and obligations under the contract.	Cum	13.163	1,054.001	One thousand fifty four point zero zero one	13,873.288	Thirteen Thousand Eight Hundred seventy three point two eight eight.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
24.00	Approved rate	procurement, carrying, supplying materials and making of service connection for all depths, diameters, length up to consumers premises. The rate includes cost for excavation, all necessary HDPE service connection pipe, HDPE fittings (saddle clamp, ferrule, straight coupling, valves etc.), appropriate drilling system for making holes in pipes, backfilling with sand (FM 0.8), precautions necessary to avoid damage of underground utility services, (if any damage occurs, Contractor shall repair it by his own cost), plugging, de-watering, cleaning, unplugging. The contractor will keep record of total number service connections provided to the households. All works shall be done as per specifications and the standard detail drawing and direction of the Engineer. Service connections of different diameters (20 mm, 25 mm, 37 mm, 50 mm, 75 mm) from distribution network composed of HDPE pipes of different diameters (only labour charge)	P/nr	4.000	4,553.001	Four thousand five hundred fifty three point zero zero one	18,212.004	Eighteen Thousand Two Hundred Twelve point Zero Zero four.
25.00	Approved rate	Interconnection of water pipelines to any existing water supply networks, the rate includes for excavation, cutting, necessary plugging, de-watering, cleaning and unplugging, protection and repair of any existing structures. All works shall be done in accordance with Technical Specification and direction of Engineering in charge and Standard detail Drawings for the diameter of the existing water pipelines given below.	P/nr	1.000	2,809.001	Two Thousand eight hundred nine point zero zero one	2,809.001	Two Thousand Eight Hundred nine point zero zero one.
26.00	Approved rate	Procurement, carrying, supplying of all necessary materials and Construction of Washout valves surface box in the network including supports and all piping, fittings and other equipment in accordance with the specification and standard detail drawings	P/nr	1.000	11,498.001	Eleven thousand four hundred ninety eight point zero zero one	11,498.001	Eleven thousand four hundred ninty eight point Zero zero one.
27.00	C-32.5.2, PWD-2022	Dismantling of plain concrete made of lime or cement and removal of debris to a safe distance	Cum	5.850	1,647.001	one thousand six hundred fourty seven point zero zero one.	9,634.956	Nine Thousand Six hundred thirty four point nine five six.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
28.00	Approved rate	Hire Charge of road surface Cutter Machine for Heavy surfaced Road (Mechanically).During construction/Rehabilitation of water to cut or dismantling the R.C.C, C.C Asphalt and Bituminous road surface by open cut Method using hard surface Mechanical cutting machine with necessary removal of dismantled materials. Providing temporary indication board, etc. Complete (As per item no 1 both site).	M	78.000	92.501	Ninty Two point five zero one.	7,215.078	Seven thousand Two hundred fifteen point Zero seven eight.
29.00	Approved rate	Hiring charge for supply and installation of MS sheets (1800x900x18mm) over the trench / road surface for a smooth traffic movement during the execution of works in accordance with Technical Specification and direction of Engineering in charge.	Sqm.	6.480	438.751	Four hundred thirty eight point seven five one	2,843.106	Two Thousand eight hundred fourty three point one zero six.
30.00	Approved rate	Reconstruction and repairing of other utilities servicesTelephone/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.	P/nr	5.000	1,875.001	One thousand eight hundred seventy five point zero zero one	9,375.005	Nine Thousand three hundred seventy five point zero zero five.
31.00	C-3.1.1, PWD-2022	Herring bone bond (HBB) with brick on edges pavement with first class or picked jhama bricks as per alignment, camber and grade over 12 mm thick sand cushion (F.M. 0.80) including filling the joints with the same sand including cost of all materials and accepted by the Engineer-in-charge.	Sqm.	29.250	1,090.001	One Thosand ninty point zero zero one	31,882.529	Thirty One Thousand Eight Hundred eighty two point five two nine.
32.00	Approved rate	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge	Sqm.	29.250	636.001	Six hundred thirty six point zero zero one.	18,603.029	Eighteen Thousand six hundred three point Zero Two Nine.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
33.00	Approved rate	Supplying and spreading 1st class and picket bricks chips (LAA value not exceeding 40) including cost of bricks carrying, breaking into specified sizes including screening & specified sizes spreading uniformly on the road surface maintaining grade, camber and super elevation, etc. All complete as per direction of the E-I-C. 50mm downgraded.	Cum	1.800	3,800.141	Three Thousand eight hundred point one four one.	6,840.254	Six Thousand Eight Hundred Fourty point Two five four.
34.00	Approved rate	Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II / B-M)	Cum	2.925	10,504.001	Ten thousand five hundred four point zero zero one.	30,724.203	Thirty Thousand Seven hundred twenty four point Two zero three.
35.00	Approved rate	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	Sqm.	29.250	47.001	Fourty seven point zero zero one	1,374.779	One Thousand Three Hundred Seventy four point seven seven nine
36.00	C-2.1.2, PWD-2022	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench- mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	Cum	40.125	168.001	One hundred sixty eight point zero zero one.	6,741.040	Six Thousnd Seven hundred fourty one point zero foue zero.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
37.00	Approved rate	Extra-over item 1 for the supply (including supply of fittings described in schedule of requirement Annex-----) and installation following adopters for jointing components of pipelines, diameter given below, as per specifications and direction of Engineering in charge and the standard detail drawings.3.17.C-150 mm dia M.S End cap	P/nr	2.000	1,506.499	One thousand five hundred six point four nine nine	3,012.998	Three Thousand Twelve point Nine nine eight.
38.00	Approved rate	Extra-over item 1 for the supply (including supply of fittings described in schedule of requirement Annex-----) and installation following adopters for jointing components of pipelines, diameter given below, as per specifications and direction of Engineering in charge and the standard detail drawings.4.2.b-150 mm dia Dresser Coupling in/c nut-bolts	P/nr	2.000	1,411.049	one thousand four hundred eleven point zero four nine.	2,822.098	Two Thousand Eight hundred Twenty two point Zero nine eight.
39.00	Approved rate	Stem maintenance	P/nr	6.000	4,000.001	Four thousand point zero zero one.	24,000.006	Twenty Four Thousand point Zero Zero Six.
40.00	Approved rate	Procurement, carrying, supply and installation of MS casing pipe, fittings, and all temporary and permanent arrangements for Bridge Crossing including all necessary pipe support.150 mm MS casing pipe	M	5.000	4,800.001	Four thousand eight hundred point zero zero one.	24,000.005	Thwety Four Thousand point Zero Zero Five.
41.00	Approved rate	Procurement, carrying, supplying of all necessary materials and Construction of Gate valves surface box in the network including supports and all piping, fittings and other equipment in accordance with the specification and standard detail drawings	P/nr	6.000	5,537.001	Five Thousand Five Hundred thirty seven point zero zero one.	33,222.006	Thirty Three Thousand Two Hundrted thirty seven point zero zero one.

Item No	Item Code	Description of the items	Unit	Qty	Unit rate (Tk.)		Amount (Tk.)	
					In Figure	In Word	In Figure	In word
1	2	4	5	6	7	8	9 =(6*7)	10
42.00	C-16.3.1, PWD-2022	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in 2 coats over single coat anti- corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	Sqm.	8.940	229.001	Two Hundred Twenty nine point zero zero one	2,047.269	Two thousand fourty sevn pont two six nine
Total Estimated Cost Tk. 442,429.025								

Tender Price quoted by the Tenderer:[]% (percent) above / below / at par the total estimated cost in the BOQ

(Blank Space For Providing Quotation both in figure and in word)

Note 01. It is suggested that the Tenderer uses these sheets of the BOQ in order to avoid any manipulation, distortion and inadvertent mistakes or omissions in course of preparing the Tender by the Tenderer

02.Tenderer's profit, overheads, VAT and all other charges including corresponding incidental service charges for banking shall be deemed included in all the unit rates and prices in the BOQ against each basic item or activity and, thus forth the total Tender Price quoted by the Tenderers.

03.Follow the Guidance notes under **Section 6** in filling this Schedule