

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY, LAHORE.**

RECEIPT NO. _____

DATED ___/___/___

OPENING DATE _____

(FOR OFFICE USE ONLY)



Financial Bid

**TENDER NO. P&S/25.01/6341 - CONSTRUCTION OF LIFT STATION
AT TALLAT PARK, SHAHEENABAD AND ADJOINING ABAADIES
ALONG WITH SEWERAGE SYSTEM AND PCC IN STREETS, LAHORE**

NAME OF FIRM _____

ADDRESS _____

DCR NO. _____ DATED _____ RS. _____

ISSUED BY _____ NAME OF BRANCH _____

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY, LAHORE.**

LETTER OF BID SUBMISSION

FOR

**TENDER NO. P&S/25.01/6341 - CONSTRUCTION OF LIFT STATION AT TALLAT PARK,
SHAHEENABAD AND ADJOINING ABAADIES ALONG WITH SEWERAGE SYSTEM AND PCC
IN STREETS, LAHORE**

Dated _____

To,

**Director Procurement & Stores
WASA, LDA, LAHORE**

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Conditions of Contract, Specifications, Drawings, Schedules to Bid, Schedule of Prices and Addenda Nos. for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address.....and being duly incorporated under the laws of..... hereby offer at a total cost Rs._____ to execute and complete such Works and remedy any defects therein in conformity with the said documents including Addenda thereto.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the whole of the Works comprised in the Contract within the time(s) stated in Preamble to the Conditions of Contract.
4. We agree to abide by this Bid for the period of **120-days** from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. We undertake, if our Bid is accepted to execute the Performance Security referred to in bidding documents for the due performance of the Contract.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the Works.
8. We, the firm or suppliers for any part of the Contract, do not have any conflict of interest.
9. We are not participating, as a Bidder or member of JV, in more than one bid in this bidding process.
10. We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Employer. (Please delete in case of Bid from a single firm).

Dated this day of 2020

NAME OF BIDDER _____

ADDRESS _____

SIGNATURE _____

STAMP _____

**BID SCHEDULE
FOR
CONSTRUCTION OF LIFT STATION AT TALLAT PARK, SHAHEENABAD AND ADJOINING
ABAADIES ALONG WITH SEWERAGE SYSTEM AND PCC IN STREETS, LAHORE**

Sr. No	Description	Qty	Unit	Rate	Amount
	Sub Head-I Laying of Sewer Line				
	STANDARDIZED ITEMS:				
	MRS 2nd Bi-Annual, 1st Jul to 31, Dec 2020, LD				
1	Dismantling and removing road metaling	7,368.70	%Cft	1,455.15	107,225.64
2	Dismantling cement concrete plain. 1:2:4	3,684.35	%Cft	8,003.40	294,873.27
3	Earth work excavation in open cutting for sewer line and manholes, as shown in drawing i/c shuttering and timbering, dressing to correct the section and dimensions, according to templates and removing surface water in all types of soil except shingle, gravel and rock:-				
i	0 ft. to 7.0 ft. (With Shuttering)	171,527.30	%oCft	6,370.75	1,092,757.55
	0 ft. to 7.0 ft. (Without Shuttering)	20,377.78	%oCft	6,002.55	122,318.64
ii	7.0 ft. to 15.0 ft. (With Shuttering)	78,157.90	%oCft	10,709.95	837,067.20
	7.0 ft. to 15.0 ft. (Without Shuttering)	17,072.83	%oCft	10,130.35	172,953.74
iii	above 15.0ft depth (With Shuttering)	4,980.00	%oCft	13,620.25	67,828.85
	above 15.0ft depth (Without Shuttering)	6,750.00	%oCft	13,040.65	88,024.39
4	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.	3,750.00	%Cft	5,170.45	193,891.88
5	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth				
	(b) Ratio 1: 4: 8	6,890.00	%Cft	14,010.60	965,330.34

6	Providing and laying 225 mm (9") i/d R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911:Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete.				
	225 mm (9:) i/d	630.00	P/Rft	367.20	231,336.00
7	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, class III Wall B, including carriage of pipes from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:-				
	i) 310 mm (12") i/d	1,800.00	P/Rft	579.25	1,042,650.00
	iii) 460 mm (18") i/d	1,600.00	P/Rft	890.70	1,425,120.00
	v) 610 mm (24") i/d	580.00	P/Rft	1,259.85	730,713.00
8	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, class IV Wall B, including carriage of pipes from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:-				
	vii) 760 mm (30") i/d	450.00	P/Rft	2,208.90	994,005.00
	ix) 910 mm (36") i/d	470.00	P/Rft	3,387.30	1,592,031.00
	x) 1070 mm (42") i/d	504.00	P/Rft	4,155.00	2,094,120.00
9	Cement concrete plain i/c placing, compacting, finishing and curing complete. (i/c washing of stone aggregate) (1:2:4)	4,738.80	%Cft	22,027.35	1,043,832.06

10	Cement concrete plain i/c placing, compacting, finishing and curing complete. (i/c washing of stone aggregate) (1:4:8)	1,455.74	%Cft	17,673.75	257,283.85
11	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:-Ratio 1:3	4,662.86	%Cft	25,463.45	1,187,325.02
	10 ft to 20 height	1,418.02	%Cft	26,423.90	374,696.19
12	Extra for pacca brick work in steining of wells or any other circular masonry.	6,080.88	%Cft	2,128.55	129,434.57
13	Cement Plaster 1:3 upto 20' (6.00 m) height				
	b) 1/2" 13 mm) thick	8,188.04	%Sft	2,199.85	180,124.60
14	Cement pointing flush upto 20' (6.00 m) height:- b) ratio 1:3	5,939.80	%Sft	1,972.70	117,174.43
15	Bitumen coating to plastered or cement 20 lbs per 100 Sft.(9.07 Kg per Sq.m)	8,188.04	%Sft	1,149.45	94,117.43
16	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	42.00	P/Set	8,925.75	374,881.50
17	Supplying and filling sand under floor; or plugging in wells.	5,689.00	%Cft	2,103.15	119,648.20
18	Rehandling of earthwork:				
	a) Lead upto a single throw of Kassi, phaorah or shovel	200,996.85	%oCft	1,818.95	365,603.22
19	Transportation of earth all types when total distance i/c the lead covered in the item of work is more then 1000ft. (Lead upto5 miles).	93,510.20	%oCft	7,246.70	677,640.37
20	Bailing out water:- b by pump	592,704.00	%oCft	504.70	299,137.71
21	Extra for slush or Daldal including dewatering.	40,325.00	%oCft	5,820.65	234,717.71
22	Compaction of earthwork (soft, ordinary or hard soil) :- (c)Ramming earthwork (all types of soil).	167,893.00	%oCft	1,091.40	183,238.42

23	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (189 Km from Sargodha to Lahore)	6,086.26	%Cft	5,805.00	353,307.39
24	P/laying reinforced cement concrete (including prestresse concrete) using coarse sand and screened graded and washed aggregate in moulds, shutterng, lifting, compacting, curing, complete (but e/l the cost of steel reinforcement its fabrication and placing in position etc)				
	(a)(ii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				
	(3) Type C (nominal mix 1: 2: 4)	148.37	P/Cft	268.05	39,770.58
25	Fabrication of mild steel re- inforcement for cement concrete, i/c cutting, bending, laying inposition, making joints and fastenings, i/c costof binding wire & labour charges for binding of steel reinforcement (also includes removal of rust from bars).				
	Deformed Bars. Grade 60.	519.28	%Kg	15,796.10	82,025.99
	TOTAL FOR STANDARDIZED ITEMS (Rs)				18,166,205.73
	_____ % Above / Below on MRS 2020 Bi-Annual-II.				
	NON-STANDARDIZED ITEMS				
1	Making Connection with existing sewer line				
	12" dia	2.00	Each		
	18" dia		Each		

		2.00			
	24" dia	4.00	Each		
	30" dia	6.00	Each		
	36" dia	4.00	Each		
	42" dia	2.00	Each		
2	Providing and Fixing M.I Steps	202.00	Each		
3	Shifting of sewer house connections from old line to newly laid sewer line complete in all respects.	122.00	Each		
4	Construction of gully grating chamber 2'x1.5' including cost of hinged type gully grating 2'x1.5' outer frame made of angle iron 2.5"x2.5"x.25" and inner frame made of angle iron size 2"x2"x.25", .75" Sq. bars fitted on upper frame @ 1.5" centre to centre.	10.00	Each		
5	Providing, laying watering and compacting including carriage charges crushed stone (without sharp edged) 3/8" to 1" in beds of sewers as per drawing and specifications including carriage 189 Km.	18,095.20	%cft		
6	Protection of trenches with G.I Corrugated sheets complete with all respect. U-Bolt as per drawing and as per the satisfaction of Engineer Incharge	172.50	P/Rft		
7	Protection / Safety of electric poles (Single Pole)	3.00	Each		
8	Providing and laying left over shuttering and timbering which include kikar wood, sawing, bolts,nuts and nails complete in all respects in sewer trenches.	360.00	P/Cft		
9	Placing of nylon bags of 1.25 Cfs. Capacity under water including labour for filling of bags with sand.	800.00	Each		

10	Providing and laying MS casing $\frac{3}{8}$ " thick 46" Ø by manual boring method including manufacturing of pipe, cutting, rolling testing and welding in two layers, all carriage from market to site, cost of labour, hire charges of chain pulley block, laying, jointing 24" dia HDPE pipe in MS casing pipe with equal space all around using suitable channels, hire charges of horizontal jacks, generator, wooden studs, injecting cement Slurry with injector pump including cost of slurry, labour charges for excavation of earth from M.S. casing pipe to ground level and maintain level to sewer pipe according to profile complete in all respects to satisfaction of engineer Incharge.	75.00	P/Rft		
11	Providing and laying MS casing $\frac{3}{8}$ " thick 47" internal diameter by manual boring method including manufacturing of pipe, cutting, rolling, testing and welding in two layers, all carriage from market to site, cost of labour, hire charges of chain pulley block, laying, jointing 30" dia HDPE pipes in MS casing pipe with equal space all around using suitable channels, hire charges of horizontal jacks, generator, wooden studs, injecting cement slurry with injector pump i/c cost of slurry. Labour charges for excavation of earth from MS casing pipe to ground level and maintain level to sewer pipe according to profile complete in all respects to satisfaction of Engineer In-Charge	75.00	P/Rft		
	TOTAL FOR NON-STANDARDIZED ITEMS (Rs)				
	TOTAL FOR STANDARDIZED ITEMS (Rs)				
	GRAND TOTAL (Rs) SUB HEAD-I				

	Sub Head-II: Lift Station Alongwith Pumping Machinery and Sewer Maintenance Machinery				
	(Construction of 01 Disposal Stations) Wet Well				
	STANDARDIZED ITEMS				
	Part-A (Wet Well)				
1	Excavation of well in dry upto 20' below ground level, and disposal of soil within one chain. (a) in ordinary soil or sand.				
	(Chap-22, Page-125, Item-1).				
	i) from 0' to 5' depth	2,355.98	%oCft	5,405.95	12,736.31
	ii) from 5' to 10' depth	2,355.98	%oCft	5,646.05	13,301.98
	iii) from 10.1' to 15' depth	2,355.98	%oCft	6,351.80	14,964.71
	iv) from 15.1' to 20' depth	2,355.98	%oCft	7,290.40	17,176.04
2	Dry Sinking of well, including loading, and removing excavated material within one chain (a) ordinary soil or sand.				
	(Chap-22, Page-126, Item-2)				
	i) from 10' to 15' depth.	2,355.98	%oCft	29,103.35	68,566.91
	ii) from 15.1' to 20' depth.	2,355.98	%oCft	36,379.20	85,708.67
	iii) from 20.1' to 25' depth	2,355.98	%oCft	43,655.05	102,850.42
	iv) from 25.1' to 30' depth	2,355.98	%oCft	50,930.90	119,992.18
	v) from 30.1' to 35' depth	2,355.98	%oCft	58,206.70	137,133.82
	vi) from 35.1' to 40' depth	2,355.98	%oCft	65,482.55	154,275.58
3	Transportation of earth all types when the total distance, i/c the lead covered in the item of work, is more than %oft. Upto 5 mile.	18,847.85	%oCft	7,246.70	136,584.71
	(Chap-3, Page-29, Item-17)				

4	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (c) deformed bars (Grade-60)	100.56	% Kg	15,796.10	1,588,455.82
	(Chap-6, Page-44, Item-9)				
5	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):-				
	(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	2,095.95	P/Cft.	401.20	840,895.14
	(a)(ii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	777.25	P/Cft.	294.60	228,977.85
	(Chap-6, Page-42, Item-6-a-i & a-ii)				
6	Cement concrete plain including placing, compacting, finishing & curing complete (i/c screening and washing of stone aggregate): (f) Ratio 1: 2: 4	471.20	% Cft.	22,027.35	103,792.87
	(Chap-6, Page-42, Item-5/f)				
7	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:3 + Extra for pacca brick work in steining of wells or any other circular masonry.	1,047.98	% Cft.	27,592.00	289,158.64

	(Chap-7, Page-54, Item-7 & 10)				
	From 10 ft to 20 ft	1,047.98	% Cft.	28,552.45	299,223.97
	From 20 ft to 30 ft	1,047.98	% Cft.	29,512.90	309,289.29
	From 30 ft to 40 ft	1,047.98	% Cft.	30,473.35	319,354.61
8	Cement plaster 1:3 upto 20' (6.00 m) height:-b) ½" thick	1,538.60	% Sft.	2,199.85	33,846.89
	(Chap-11, Page-72, Item-8/b)				
	from 20 ft above	1,538.60	% Sft.	2,493.50	38,364.99
9	Cement pointing struck joints, on walls, upto 20' (6.00 m) hieght:- a) ratio 1:2	1,256.00	% Sft.	2,308.85	28,999.16
	(Chap-11, Page-73, Item-18)				
	from 20 ft above	1,256.00	% Sft.	2,602.50	32,687.40
10	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	127.57	P/Rft.	209.10	26,674.89
	(Chap-6, Page-46, Item-28).				
11	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (189 Km from Sargodha to Lahore)	3,500.00	%Cft	5,805.00	203,175.00
12	Providing, making and laying R.C.C. well curb in position, using coarse sand, including all kinds of form, moulds, curing, shuttering, rendering and finishing the exposed surface, (including screening and washing of aggregate :- 1:1.5:3 Ch.22 Item 8	742.50	P/Cft	500.65	371,732.63
13	Providing and fixing structural steel for cutting edge. Ch. 22 Item 9	2,000.00	%Kg	15,707.60	314,152.00
14	Bailing out water:- b) by pump	477,456.70	%oCft	504.70	240,972.40
	Total Part-A				6,133,044.88
	% Above / Below on MRS 2020 Bi-Annual-II.				

	<u>Part B (Screening Chamber & Dry well)</u>				
1	Earthwork excavation in open cutting for sewers & manholes as shown in drawings i/c shuttering & timbering, dressing to correct section and dimensions according to templates and levels, & removing surface water, in all types of soil except shingle, gravel & rock:-				
	(Chap-3, Page-32, Item-42-i-ii-iii)				
	i) 0 ft. to 7.0 ft. depth (Without Shuttering).	1,957.83	%oCft	6,002.55	11,751.97
	ii) 7-01 ft. to 15.0 ft. depth (Without Shuttering).	2,247.84	%oCft	10,130.35	22,771.41
	iii) above 15.0 ft. depth (Without Shuttering).	6,190.28	%oCft	13,040.65	80,725.27
2	Transportation of earth when the total distance including the lead covered in the item of work is more than 1000ft. (d) upto 5 miles (payment shall be made on actual measured).	33,477.60	%oCft	7,246.70	242,602.12
	(Chap-3, Page-29, Item-17)				
3	Cement concrete plain i/c placing, compacting, finishing & curing complete (i/c screening and washing of stone aggregate): (f) Ratio 1: 2: 4	661.50	% Cft.	22,027.35	145,710.92
	(Chap-6, Page-42, Item-5)				
4	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (c) deformed bars (Grade-60)				
	(Chap-6, Page-44, Item-9)	57.93	% Kg	15,796.10	915,068.07
	(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	1,276.50	P/Cft.	401.20	512,131.80

	(a)(ii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	378.75	P/Cft.	294.60	111,579.75
	(Chap-6, Page-41, Item-6-a-i & a-ii)				
5	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:3 + Extra for pacca brick work in steining of wells or any other circular masonry.	1,380.00	% Cft.	27,592.00	380,769.60
	(Chap-7, Page-54, Item-7 & 10)				
	From 10 ft above	1,518.00	% Cft.	28,552.45	433,426.19
6	Cement plaster 1:3 upto 20' (6.00 m) height:-b) ½" thick	1,702.00	% Sft.	2,199.85	37,441.45
	(Chap-11, Page-72, Item-8/b)				
	From 10 ft above	230.00	% Sft.	2,493.50	5,735.05
7	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- a) ratio 1:2	1,480.00	% Sft.	2,308.85	34,170.98
	(Chap-11, Page-73, Item-18)				
	From 10 ft above	200.00	% Sft.	2,602.50	5,205.00
8	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	83.99	P/Rft.	209.10	17,562.31
	(Chap-6, Page-46, Item-28).				
	Total for Part B				2,956,651.90
	_____ % Above / Below on MRS 2020 Bi-Annual-II.				
	Part C (Panel Room)				
1	Excavation in foundations of building, bridges & other structures including dag belling, dressing, refilling around structures with excavated earth, watering and ramming lead upto one chain and lift upto 5 ft	880.00	%oCft	7,687.15	6,764.69

	b) ordinary soil				
	(Chap-3, Page-30, Item-21).				
2	Transportation of earth when the total distance including the lead covered in the item of work is more than 1000ft. (d) upto 5 miles	704.00	%oCft	7,246.70	5,101.68
	(Chap-3, Page-29, Item-17)				
3	Cement concrete plain including placing, compacting, finishing & curing complete (i/c screening and washing of stone aggregate): (f) Ratio 1: 2: 4	225.00	% Cft.	22,027.35	49,561.54
	(Chap-6, Page-41, Item-5/f)				
4	Pacca brick work in foundation and plinth:- (i) Cement sand mortar Ratio 1 : 4.	590.00	% Cft.	24,014.30	141,684.37
	(Chap-7, Page-52, Item-4-i)				
5	P/Laying DPC of cement concrete 1:2:4 i/c bitumen coating (i) With one coat bitumen and one coat polythene sheet 500 guage (ii) 2" thick.	55.00	% Sft.	5,523.35	3,037.84
	(Chap-6, Page-47, Item-33-a-ii)				
6	Pacca brick work in ground floor i. Cement sand motor Ratio 1:4	585.00	% Cft.	25,571.35	149,592.40
	(Chap-7, Page-52, Item-5-i)				
7	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.) :- (a)(i) Reinforced coment in roof slabs, lintels,beams, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (2) Type B (nominal mix 1: 2 : 4)	185.00	P/Cft.	374.75	69,328.75
	(Chap-6, Page-42, Item-6-a-i)				

8	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (c) deformed bars (Grade 60)	6.75	% Kg	15,796.10	106,623.68
	(Chap-6, Page-44, Item-9)				
9	Cement plaster 3/8" thick under soffit of RCC roof slab (b) Ratio 1:3	232.00	% Sft.	2,405.55	5,580.88
	(Chap-11, Page-72, Item-10-b)				
10	Cement plaster 1:4 upto 20' height (b) 1/2" thick.	963.00	% Sft.	2,114.35	20,361.19
	(Chap-11, Page-72, Item-9-b)				
11	Making & fixing steel grated door with 1/16" thick sheeting i/c angle iron frame 2" x 2" x 3/8" and 3/4" square bars 4" center to center, with locking arrangement	96.00	P/Sft.	1,207.30	115,900.80
	(Chap-25, Page-154, Item-31).				
12	Providing and fixing windows consisting of M.S. box section frame 2"x1½", (50x40mm) leaves frame 1½"x1" (40x25mm) box section frame for glazing 3/8"x3/8" (10x10mm) using 16 SWG sheet 'U' shaped rubber supported with 1"x1/8" (25x3mm) M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section ½"x½" (13x13mm) of 16 SWG for fixing 24 SWG wire gauze on outer side by means of ¾"x1/8" (20x3mm) M.S. flat and screws including grill of M.S. flat ½"x1/8" (13x3mm) or ¼"x¼" (6x6mm) square bar with independent frame of ½"x½" (13x13mm) box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.	48.00	P/Sft.	558.95	26,829.60
	(Chap-25, Page-157, Item-44).				
13	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m	230.00	% Sft.	7,308.15	16,808.75

	bitumen coating sand blinded.				
	(Chap-9, Page-60, Item-5)				
14	Khuras on roof 2' x 2' x 4".	2.00	Each	549.45	1,098.90
	(Chap-9, Page-62 Item-15)				
15	Bottom Khuras of brick masonry in cement mortar of 1:6 4' x 2' x 4.5' over 3" cement concrete 1:4:8	2.00	Each	982.40	1,964.80
	(Chap-9, Page-62, Item-16)				
16	Cast iron rain water down pipe fixed in position excluding head and shoes but including painting and clamps, etc. (a) 4" dia cast iron down pipe.	24.00	P/Rft.	231.60	5,558.40
	(Chap-9, Page-62, Item-20)				
17	Rain Water down pipe cast iron head fixed in place, including cost of clamps holdfast and painting.	2.00	Each	586.05	1,172.10
	(Chap-9, Page-62, Item-21)				
18	Shoe, bends, offsets for cast iron rain water down pipe, including fixing and painting.	2.00	Each	339.65	679.30
	(Chap-9, Page-62, Item-22)				
19	Providing and fixing G.I.Pipe railing as per standard drawing (03 row of pipes).	115.00	P/Rft of three rows of pipe	1,001.20	115,138.00
	(Chap-18, Page-111, Item-13).				
20	Fabrication of heavy steel work, with angle, tees, flat iron round iron & sheet iron for making trusses, girders, tanks, etc., i/c cutting, drilling, revitting, handling, assembling & fixing, but excluding erection in position.	1,785.00	% Kg	17,289.20	308,612.22
	(Chap-25, Page-154, Item-10)				
21	Erection and fitting in position iron trusses, staging of water tanks, etc.	1,785.00	% Kg	851.70	15,202.85
	(Chap-25, Page-153, Item-11).				
22	Painting new surface (c) preparing surface of doors and windows any type (including edges).				

	(Chap-13, Page-86, Item-5-c).				
	(ii) Each subsequent coat of paint 03 coats.	208.00	% Sft.	1,750.60	3,641.25
23	Priming coat of chalk under distempering.	1,300.00	% Sft.	187.75	2,440.75
	(Chap-11, Page-73, Item-22).				
24	Distempering (a) new surface (iii) 03 coats.	1,300.00	% Sft.	787.90	10,242.70
	(Chap-11, Page-73, Item-23-a-iii).				
	Total for Part C				1,182,927.42
	% Above / Below on MRS 2020 Bi-Annual-II.				
	Part D (Electric Works)				
1	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials.				
	(Chap-24, Page-141, Item-3)				
	ii) 20 mm i/d	55.00	P/Rft.	48.35	2,659.25
	vi) 50 mm i/d	178.00	P/Rft.	99.45	17,702.10
2	Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing and capping/G.I. wire/trenches (rate for cables only):-				
	(Chap-24, Page-143, Item-10).				
	ii) 3/0.91 mm (3/0.036")	150.00	P/Rft.	13.15	1,972.50
	iii) 7/0.74 mm (7/0.029")	178.70	P/Rft.	17.00	3,037.90
	i) 3/0.74 mm (3/0.029")	250.00	P/Rft.	12.75	3,187.50
3	S/E of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, i/c making holes for regulators, switches, plugs, etc.				
	(Chap-24, Item-14)				

	17.5 x 10 cm (7"x4")	2.00	Each	241.80	483.60
4	S & erection of iron/aluminum clad, 500 volts main switches with triple pole & neutral link and HRC fuses, on angle iron board with 3 mm (1/8") thick M.S. sheet covering, i/c bonding to earth with necessary flexible pipe & thimbles.				
	(Chap-24, Page-145, Item-19)				
	i) 400 Amp	2.00	Each	16,437.00	32,874.00
	ii) 200 Amp	2.00	Each	10,726.95	21,453.90
5	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 660/1100 volts grade cable, in prelaidd G.I. pipe/M.S. conduits/PVC pipe/G.I. etc (rate for cable only):- iv) 19/2.11 mm (19/0.083")	224.80	P/Rft.	332.60	74,768.48
	(Chap-24, Page-143, Item-12-iv).				
6	Supply & erection of switches 5 Amp (i) Piano type.	7.00	Each	39.05	273.35
	(Chap-24, Page-147, Item-31)				
7	Supply / erection of switches 10/15 Amp (ii) recessed type.				
	(Chap-24, Page-147, Item-32)	3.00	Each	58.35	175.05
8	Supply & erection of tube light, i/c rod, choke, starter with frame, flexible wire, i/c connection from ceiling rose, etc. ii) single rod (40 watts) with one choke and one starter.				
	(Chap-24, Page-148, Item-43-ii)	3.00	P/Set.	737.50	2,212.50
9	Supply / erection of pole mounted street light, holders, shade & glass, etc., for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps):ii) Philips design	2.00	Each	3,454.70	6,909.40
	(Chap-24, Page-150, Item-64-ii).				
10	Supply and fitting of mercury vapour lamp, complete with choke set. ii) 250 watt lamp	2.00	Each	2,090.65	4,181.30
	(Chap-24, Page-150, Item-65-ii)				

11	PVC insulated, PVC sheathed 4 core 660/1100 volt grade cable, Cost of trenches where necessary armoured with G.I. wire 16 SWG 37/2.62 mm (37/0.103")	40.00	P/Rft.	3,708.20	148,328.00
	(Chap-24, Page-144, Item-13-d-viii).				
12	Providing and fixing M.S. iron box for housing main switches, made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:-				
	(Chap-24, Page-148, Item-44-iv)				
	iv) 135x70x27.5 cm (54"x28"x11")	2.00	Each	7,626.75	15,253.50
	Total for Part D				335,472.33
	% Above / Below on MRS 2020 Bi-Annual-II.				
	Part E (Earthing)				
1	Providing, laying, cutting, jointing G.I. pipe lines with socket joints, using GI pipes of BSS 1387-1967 complete in all respects, with specials and valves. (Medium Quality) a) ½" i/d (15 mm) 2.65mm thick	50.00	P/Rft.	98.45	4,922.50
	(Chap 23, Page-133, Item-22-ii-a).				
2	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxed, bends, tees, repairing surface etc. complete with all specials:- 12mm i/d.	40.00	P/Rft.	21.00	840.00
	(Chap 24, Page-141 Item-4-i).				
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (b) Ratio 1:4:8				
	(Chap-6, Page-41, Item-3)	3.78	%Cft.	14,010.60	529.60

4	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- (a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- 1:2:4				
	(Chap 6, 2/6 (a-i-3) Type C)	2.53	Per Cft.	374.75	948.12
5	Fabrication of mild steel reinforcement for cement concrete, including cutting, blending, laying in position making joints and fastening, including cost of binding wire of steel reinforcement (also includes removal of rust from bars). Deformed Bars. Grade 60				
	(Chap 6, 4/9(b).	6.82	% Kg.	15,796.10	1,077.29
6	Pacca brick work in foundation and plinth in cement sand mortar. Ratio 1:5.				
	(Chap 7, 1/14 (i).	8.44	%Cft.	23,557.10	1,988.22
7	Rehandling of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel				
	(Chap-3, Page-29, Item-13/a)	148.00	%oCft.	1,818.95	269.20
	Total for Part E				10,574.94
	_____ % Above / Below on MRS 2020 Bi-Annual-II.				
	Part F (CONSTRUCTION OF BOUNDARY WALL)				

1	Excavation in foundation of building bridges and other structures, i/c dag balling, dressing refilling around watering and ramming lead upto one chain and lift upto 5' in ordinary soil.	2,928.75	%0Cft	7,687.15	22,513.74
2	Cement Concrete brick or stone ballast 1½ to 2" Gauge in foundation and plinth (1:4:8).	469.82	%Cft	14,010.60	65,824.60
3	Pacca brick work in foundation and plinth in:- (Ratio 1:4)	2,330.65	%Cft	24,014.30	559,689.28
4	P/L damp proof, coarse of C.C. 1:2:4 using C.S. and shingle) i/c bitumen coating with 1.00 at of bitumen 1½ thick with polythene sheet 500 gauge	465.14	%Sft	4,989.40	23,207.70
5	Pacca brick work in ground floor:- cement, sand mortar: (Ratio 1:4)	1,029.50	%Cft	25,571.35	263,257.05
6	Cement plaster 1:3 upto 20' height ½" thick	4,067.75	%Sft	2,199.85	89,484.40
7	Supplying and filling sand under floor; or plugging in wells. (Ch. 7 Item 30)	1,980.00	%Cft	2,103.15	41,642.37
8	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement	96.00	P/Sft	1,207.30	115,900.80
9	Preparing surface and painting of doors and windows any type (including edges):-				
	i) priming coat.	1,400.00	%Sft	858.30	12,016.20
	ii) each subsequent coat of paint	1,400.00	%Sft	446.15	6,246.10
10	Cement concrete plain including placing, compacting, finishing & curing complete (i/c screening and washing of stone aggregate). Ratio 1:2:4. (6/42) (7)	469.82	%Cft	22,027.35	103,488.90
11	Providing and fixing barbed wire fencing on compound wall, consisting of 1½"x1½"x3/16" (40x40x5mm) angle iron post 3' (900 mm) long, 4' (1200 mm) apart embedded in cement concrete 1:4:8 base of size 6"x6"x9" (150x150x225mm) and 4 rows of barbed wire, including binding wire, painting posts, etc, complete in all respects. (25/50)	140.00	%Rft	17,228.95	24,120.53
	Total for Part F				1,327,391.66
	% Above / Below on MRS 2020 Bi-Annual-II.				

	NON-STANDARDIZED ITEMS				
1	Providing, and installation of manually operative penstock gate as per drawing and satisfaction of the engineer in charge (6' x 6')	1.00	Job		
2	P/F of chain block made of China with rolling device along RS Joist with chain length as per requirement of site to the satisfaction of Engineer Incharge capacity 10 Tons.	1.00	Each		
3	Providing and fixing low noise bracket fan 18" size with louver and other fittings in the wall as per instruction of engineer Incharge.	2.00	Each		
4	Providing and fixing low noise exhaust fan 12" other fitting on the wall as per instruction of engineer incharge.	2.00	Each		
5	Providing Fixing malleable Iron steps conforming to ASTM - 48 specification for grey iron or equal inside the wall of chambr during construction of walls i/c carriage and setting the same or correct line and levels as shown on the etc. complete in all respects.	50.00	Each		
6	Providing Fixing sewage indication gauge in wet well of 1/8" thick M.S.shet 9" wide including painting making of scales lettering figure complete in all respects.	35.00	P/Rft.		
7	Providing and fixing of copper plate size 2' x 2' x 1/4"	38.92	P/Kg.		
8	Providing and fixing of copper strip size 1" x 1/8" and copper wire 4 SWG.	71.00	P/Kg.		
9	Protection of trenches with G.I corrugated sheets complete with all respect. Pipe 1.5" i/d, U-Bolt as per drawings and as per the satisfaction of the engineer in charge	100.00	Rft		
10	Placement of nylon bags of 1.25 cft capacity under water incluing labor for filling of bags with sand	1,425.00	P/Bag		
11	Providing and fixing M.S. Girder (WF 10x30) dult painted complete in all respects and as approved by the engineer in charge.	675.00	Kg		

12	Providing and installation of 200 kVA electric transformer as per WAPDA specifications DDS-84:2007 with amendment no.05 including carriage to site, loading, unloading and erection at site	1.00	Each		
	Tota for Non Standardized Items				
	Tota for Standardized Items				
	Total for Part F				
	Part G (Pumping Machinery)				
1	Supply and erection of single core PVC insulated PVCsheathed copper conductor, 660/1100 volts grade cable, in prelaid GI pipe/ MS condutes/ PVC pipe/ GI wire trenches etc (rate for cable only) 37/2.11 mm (37/0.083")	80.00	PRft	581.50	46,520.00
2	Providing and fixing Cast Iron special of BSS class "B" (such as bend, tee cross collar, reducer, tall piece flanged spigot, cap flanged socket, taper angle branch plug etc) for cast iron pipeline, complete CI flanged specials with flanged and flanged joints				-
	8" to 12"	1,000.00	P Kg	113.35	113,350.00
	TOTAL STANDARDIZED ITEMS (Rs)				159,870.00
	_____ % Above / Below on MRS 2020 Bi-Annual-II.				

	Non Standardized Items				
	<u>Pumping Machinery</u>				
1	<p>Providing, Installation, Testing and commissioning of Horizontal non-clogging sewage Centrifugal pump having Head 60-ft, Coupled with suitable motor 3-phase, 400V, 50-Hz, Solid Passing size of 80 - 100mm, Insulation Class F, enclosure class IP-55, with Stainless Steel Impeller - 316, speed less than 1000 RPM, both are mounted on steel structure base frame, suitable electric cable of appropriate length as per site requirements, control cable along with Motor control Unit (Consisting of soft starter, power factor improvement, over load relay, metallic box powder coated, circuit breaker, magnetic contactor, on / off switch, control fuse, control wire, under / over voltage relay, electronic over current relay, ampere meter, volt meter, hour run meter, dry running protection, high temperature protection, phase reversal protection, indication lamps, auto float switches, auto star delta complete in all respects) the gross efficiency must be as per HUD & PHED notification no. SO (PH) IV - 256 / 2008 dated: 27-Oct-2009</p>				
	06 Cfs. Capacity	1.00	Each		

2	Providing, Installation, Testing and commissioning of Horizontal non-clogging sewage Centrifugal pump having Head 60-ft, Coupled with suitable motor 3-phase, 400V, 50-Hz, Solid Passing size of 80 - 100mm, Insulation Class F, enclosure class IP-55, with Stainless Steel Impeller - 316, speed less than 1000 RPM, both are mounted on steel structure base frame, suitable electric cable of appropriate length as per site requirements, control cable along with Motor control Unit (Consisting of soft starter, power factor improvement, over load relay, metallic box powder coated, circuit breaker, magnetic contactor, on / off switch, control fuse, control wire, under / over voltage relay, electronic over current relay, ampere meter, volt meter, hour run meter, dry running protection, high temperature protection, phase reversal protection, indication lamps, auto float switches, auto star delta complete in all respects) the gross efficiency must be as per HUD & PHED notification no. SO (PH) IV - 256 / 2008 dated: 27-Oct-2009				
	04 Cfs. Capacity	1.00	Each		
3	Providing, laying, cutting, jointing, testing and disinfecting D.I. Pipe line in trenches as per ISO 2531 standard internally line with sulphate resistant cement complete in all respects.				
	e) 10" i/d (250 mm)	250.00	P/Rft.		
4	Providing and laying M.S Pipe complete in all respects				
	10" i/d (250 mm)	150.00	P/Rft.		
	Total NON MRS				
	Total MRS				
	Total for Part G				
	Part H (Sewer Maintenance Machinery)				

1	Provision of Truck mounted suction unit 7,000 litres capacity having Following Specifications.	1.00	Each		
	<p>A) Truck</p> <p>a) GVW 18-22 Tons (Local/Imported)</p> <p>b) Chasis Suitable to mount sludge suction unit.</p> <p>c) Engine Orignin (Japan, UK, USA, Europe, Australia.</p> <p>i) Fuel Diesel Engine</p> <p>ii) Fuel Tank capacity 200-liters (Minimum).</p> <p>iii) Power 200-240HP.</p> <p>iv) Seating Capacity 2 Seats (Minimum).</p> <p>v) Cylinders 4 to 6 vertical in line.</p> <p>vi) Gear 6 forwarded 1 reverse.</p> <p>vii) Electrical System</p> <p>a) Battery 12 x 2 (24 Volts DC).</p> <p>b) Generator 25 to 30 Amp.</p> <p>viii) Drive Right hand.</p> <p>ix) Aspiration Euro-II</p>				
	<p>B) Sludge Suction Unit) Tank Local/Imported. i) Tank capacity 7,000 Liters. ii) Tank Material MS Sheet 8mm Thick. iii) Opening Full Dish (8mm sheet) opening hydraulically at rear end with imported horned steel tubes & chrome plated shafts and suitable manual locking system. iv) Shape Cylindrical. v) Inlet 4" dia. vi) Outlet 6" dia. vii) Dumping The tank shall be fitted twin hydraulic tipping rams to enable materials discharges by elevating the tanks to an angle of 30 to 35 degree.</p>				

	<p>b) Vaccum pump</p> <p>i) Make imported (Europe, USA, Japan, UK).</p> <p>ii) Maximum Air Flow 25000 to 30000 L/min.</p> <p>iii) Maximum Absolute Pressure 2.5 Bars</p> <p>iv) Maximum Vacum -9.5 Bar to -9.2 Bar</p> <p>v) Maximum Vacum 0.8 Bar (Continuous)</p> <p>vi) Maximum Rotation Speed 1200 RPM</p> <p>vii) Shaft Power Minimum 40KW</p>				
	<p>C) Driven</p> <p>i) Make Auxilary Engine Imported (Europe, USA, Japan, UK).</p> <p>ii) Power 75 HP.</p> <p>iii) Fuel Diesel Engine.</p> <p>iv) Tank 50-100 ltr/Cap</p> <p>v) Minimum Rotation 1500 RPM</p> <p>vi) Cylinders 4-Vertical inline</p> <p>vii) Electrical System</p> <p>a) Battery Suitable to driven</p> <p>b) Generator Suitable to driven</p>				
	<p>D) Protections</p> <p>i) Valves and Gauges Imported (Europe, USA,Japan, UK)</p> <p>E) Accessories</p> <p>i) Suction Pipe 4" dia 12m Length with quick Couping (2-length).</p> <p>ii) Tools Standard Tool Kit</p> <p>iii) Gloves 2 sets</p> <p>iv) Long Shoes 2 sets</p> <p>v) Helmet 2 sets</p> <p>vi) Light 01 No. Warning Light at the roof of driver cabin.</p>				
2	Provision of Truck mounted Jetting unit 7,000 litres capacity having Following Specifications.	1.00	Each		

	<p>A) Truck a) GVW 18-22 Tons (Local/Imported) b) Chassis Suitable to mount Jetting unit. c) Engine Origin (Japan, UK, USA, Europe, Australia. i) Fuel Diesel ii) Fuel Tank 200-liters (Minimum).capacity iii)Power 200HP (Minimum). iv) Seating Capacity 2 Seats (Minimum). v) Cylinders 4 to 6 vertical in line. vi) Gear 6 forwarded 1 reverse. vii) Electrical System a) Battery 12 x 2 (24 Volts DC). b) Generator 25 to 30 Amp. viii) Drive Right hand. ix) Aspiration Euro-II</p>				
	<p>B) Jetting Unit a) Tank Local/Imported. i) Tank capacity 7,000 Liters. ii) Material Minimum 6mm thick highly yield point steel. iii) Shape Cylindrical. iv) Baffle 02 Nos. v) Filling Point 01 No 20" (Minimum) Valves /Gauges/ Filters Imported (Europe, USA,Japan, UK)</p>				
	<p>c) Pump i) Make imported (Europe, USA, Japan, UK). ii) Type Plunger. iii) Flow rate 260 Ltr/Per Min iv) Working Pressure 150 to 160 bar v) Required Power Minimum 105HP vi) Rotation 1500-1800RPM</p>				

	<p>C) Driven</p> <p>i) Make Auxiliary Engine Imported (Europe, USA, Japan, UK).</p> <p>ii) Power 120-150 HP.</p> <p>iii) Fuel Diesel.</p> <p>iv) Tank 50-100 ltr/Cap</p> <p>v) RPM 1800 RPM</p> <p>vi) Cylinders 4-Vertical inline</p> <p>vii) Electrical System</p> <p>a) Battery Suitable to driven</p> <p>b) Generator Suitable to driven</p> <p>viii) Aspiration Turbo Charged</p>				
	<p>C) Accessories</p> <p>i) Flexible hose 25mm dia 80 meter length.</p> <p>ii) Flexible hose 12mm dia 20 meter length.</p> <p>iii) Tools Standard Tool Kit</p> <p>iv) Gun with quick coupling for auxiliary hose reel and high pressure spraying nozzle.</p> <p>v) Gloves 2 sets</p> <p>vi) Long Shoes 2 sets</p> <p>vii) Jetts 2 Nos Bullets</p> <p>Shape nozzels with rearward feacing angle and one central forward.</p> <p>viii) Light 01 No. Warning Light at the roof of driver cabin.</p>				
	TOTAL FOR Part H				
	TOTAL FOR Part G				
	TOTAL FOR Part F				
	TOTAL FOR Part E				
	TOTAL FOR Part D				
	TOTAL FOR Part C				
	TOTAL FOR Part B				
	TOTAL FOR Part A				
	Total for Sub Head-II				

Sub Head-III: Layig of Forecemain					
STANDARDIZED ITEMS					
1	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.				
	(Chap-3, Page-31, Item-44)	26,250.00	%oCft.	5,472.70	143,658.38
2	Providing and fixing cast iron specials of B.S.S. Class 'B' (such as bend, tee, cross collar, reducer, tail piece, flanged socket, flanged spigot, cap, taper, angle branch, plug, etc) for Asbestos cement pipe line, with comet joint and rubber ring, complete. ii) 8" to 18" i/d				
	(Chap-23, Page-147, Item-29)	2,000.00	P/Kg	105.15	210,300.00
3	Supplying and filling sand under floor; or plugging in wells.				
	(Chap-7, Page-56, Item-30)	13,125.00	% Cft.	2,103.15	276,038.44
4	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. Upto 5 mile.				
	(Chap-3, Page-29, Item-17)				
	Qty as per item No.5	13,125.00	%oCft.	7,246.70	95,112.94
	TOTAL FOR STANDARDIZED ITEMS (Rs)				725,109.75
	% Above / Below on MRS 2020 Bi-Annual-II.				
	NON STANDARDIZED ITEMS				

1	Providing, laying, jointing, testing and comissioning of High Density Polyethylene (HDPE) Pipes (PE - 100) (PN 8) (SDR - 21) DN 630 with butt fusion jointing in trenches including carriage to site conforming to ISO 4427, DIN 8074-75 & PS 3580 : 1984 complete in all respects and as per the satisfaction of the engineer in charge.	1,250.00	P/Rft.		
2	Providing and fixing and jointing of HDPE butt fusion fittings PN 08 PE100 complete in all respects as per specifications and instruction of the Engineer .				
	Equal Bend 90° 630 mm	2.00	Each		
	Stub Bend 630 mm	2.00	Each		
3	M.S. Flange i/c nut and bolts 630 mm	6.00	Each		
	TOTAL FOR NON-STANDARDIZED ITEMS (Rs)				
	TOTAL FOR STANDARDIZED ITEMS (Rs)				
	TOTAL for Sub Head-III				
	TOTAL for Sub Head-II				
	TOTAL for Sub Head-I				
	GRAND TOTAL (Rs)				

Name of Firm _____

Address _____

Signature _____

Stamp _____