

LETTER OF ACCEPTANCE

To,
Sri/Smt M/s.OM DHAR ENGINEERING PVT LTD
PAN : AABCO6212E

Your e-Tender No WRD/KWA-CE(CR)/TR/46/2023_26_1_1/1 dated 04-04-2023 for the Jal Jeevan Mission (JJM)-5th SLSSC - Kolazhy Grama Panchayath - Thrissur District-Providing distribution network and 1900 FHTCs in Kolazhi Grama Panchayath- Package I - Part D-Pipeline Work has been accepted for a quoted amount of Rs. 186328706/- (Rupees Eighteen Crore Sixty Three Lakh Twenty Eight Thousand Seven Hundred and Six only) based on rates quoted for individual items individual items individual items individual items individual items individual items which is mentioned in the accompanying schedule. You are directed to submit the stamp GRN ID/Stamp paper, Performance Guarantee and Additional Performance Guarantee as mentioned below and execute an agreement and start the work within a week after getting necessary instructions from the Executive Engineer(P H Division Thrissur),Assistant Executive Engineer(WW Sub Division Thrissur) and Assistant Engineer(Water Works Section No 1 Thrissur). The time allowed for executing agreement without fine will be 28 (Twenty Eight) days from the date of issue of letter of acceptance and a further period of 10 (Ten)days time will be allowed to execute the agreement after realizing a fine of Rs. 25000/- (Twenty Five Thousand Only) .This fine shall be remitted in favour of the Managing Director, Kerala Water Authority, Account No - STSB 70101140000181, District Treasury, Thiruvananthapuram through e-treasury payment gateway.

1. stamp paper required value RS. 100000/- (One Lakh Only) shall be submitted to the Agreement Authority. (subject to govt orders)

2. Before executing the agreement, you should deposit a Performance Guarantee of 5% of contract value, ie. Rs. 9316435/- (Rupees Ninety Three Lakh Sixteen Thousand Four Hundred and Thirty Five only) and should be submitted within 28 (Twenty Eight) days of receipt of this LOA (Letter of Acceptance) as below.

a) At least Fifty (50%) of Performance Guarantee shall be in the form of Treasury Fixed Deposit in the name of Agreement Authority for a period not less than 28 (twenty eight) days after the completion of defect liability period.

b) Balance Performance Guarantee shall be in the form of bank guarantee. Bank Guarantee is to be submitted in the format prescribed by the Employer in the bid document. Bank Guarantee shall be unconditional and it shall be from any Nationalized/ Scheduled Bank/ Kerala Financial Corporation/ District Co-operative Banks, Primary Co-operative Banks, Urban Co-operative Banks or any other forms prescribed in the revised PWD Manual to be submitted before executing agreement and shall be valid till 28 (twenty eight) days after the completion of defect liability of the Work, in approved format. The Bank Guarantee on instalment basis with lesser period of validity shall not be accepted.

3. An Additional Performance Guarantee of Rs. 34714/- (Rupees Thirty Four Thousand Seven Hundred and Fourteen only) shall be also deposited for unbalanced price in addition to the normal Performance Guarantee in the following form and it should be to be submitted before executing agreement.

a) At least Fifty percent (50%) of Additional Performance Guarantee shall be in the form of Treasury Fixed Deposit in the name of Agreement Authority for a period not less than 28 (twenty eight) days after the completion of the work.

b) Balance Additional Performance Guarantee Treasury shall be in the form of bank guarantee. Bank Guarantee is to be submitted in the format prescribed by the Employer in the bid document. Bank Guarantee shall be unconditional and it shall be from any Nationalized/ Scheduled Bank/ Kerala Financial Corporation/ District Co-operative Banks, Primary Co-operative Banks, Urban Co-operative Banks or any other forms prescribed in the revised PWD Manual and shall be valid till 28(twenty eight) days after the completion of the Work, in approved format. The Bank Guarantee on instalment basis with lesser period of validity shall not be accepted.

OR

- a) Full amount of additional performance guarantee shall be accepted in case of guarantees issued by Kerala Financial Corporation
4. In addition to Performance Guarantee and Additional Performance Guarantee, Performance Security Deposit at the rate 2.5% of Bill amount will be deducted from running bills .
5. Solicitor's fee, if any, to be paid to the Law Officers of Government for scrutinising or drawing up of agreements- will be paid and the same recovered from the successful bidder.
6. You are requested to take an Insurance cover for this work for an amount of Rs. **500000** /- (**Rupees Five Lakh only**) and submit the same within 15 days of Start of work subjected to the provisions provided in the Bid Document. 0.2% of the Contract Amount will be deducted in the event of failure to submit the Insurance to the concerned Authorities as noted above. (The value shall be generally 0.5% of the Contract Value subject to a minimum of Rs. 2.00 lakh and maximum of Rs. 5.00 lakh.).
7. Engineering personnel in addition to other supporting staff as detailed below for tenure of the contract for works supervision shall be employed.
- Works Manager- 1no.(Civil Engineering Graduate with minimum 5 years experience), Site Engineers- 3 nos (2 nos for supervision and 1 no for Quality Control) - (Civil Engineering graduate with minimum 3 years experience), Supervisor- 4 nos (Civil Engineering Diploma holder with minimum 2 year experience) and Supervisor (Mechanical) (if required) - 1 no (Mechanical Engineering Diploma holder with minimum 2 year experience)**
8. The Contractor shall enter into a Contract Agreement with the Agreement Authority within 28 Twenty Eight working days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority. The date of despatch of Letter of Acceptance through Contractors Portal shall be the date of Acceptance of Tender.
9. In the eventuality of failure to produce the original documents, or submit the performance security, or enter into agreement with the Agreement Authority within the specified time limit, the Bidder shall be debarred in future from participating in all Government Bids for three years and will be recommended for blacklisting by the competent authority. In such cases, the Government may rearrange the work otherwise or get it done departmentally at the risk and the cost of the Bidder and the loss so sustained by the Government can be realized from the Bidder under the Revenue recovery Act or otherwise the Government may decide.
10. The work should be completed in all respects within **1 year** from the date of handing over the site.
11. Defect Liability period will be **6 months 1 year**
12. All the details mentioned above shall be submitted to the Agreement Authority within 14 (fourteen) days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority.
13. All the terms and conditions of the Notice Inviting tenders and tender shall be binding on the Contractor.

Bindu T B(G11373)
Superintending Engineer

ACCEPTED SCHEDULE

Name of Work: Jal Jeevan Mission (JJM)-5th SLSSC - Kolazhy Grama Panchayath - Thrissur
District-Providing distribution network and 1900 FHTCs in Kolazhi Grama Panchayath- Package
I - Part D-Pipeline Work (DSR 2018 with Cost Index 135.59)

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1	Distribution main - Working charges					
1.001	100.1.1 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in all kinds of soil.	17741.955	cum	500.00	8870977.50	Rupees Eighty Eight Lakh Seventy Zero Thousand Nine Hundred Seventy Seven And Fifty Zero paise Only
1.002	100.1.5 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50 m, in Ordinary Rock.	10298.340	cum	950.00	9783423.00	Rupees Ninety Seven Lakh Eighty Three Thousand Four Hundred Twenty Three Only
1.003	100.2.7 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering,	3397.360	cum	1450.00	4926172.00	Rupees Forty Nine Lakh Twenty Six Thousand One Hundred Seventy Two Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Medium Rock where Blasting is Prohibited.					
1.004	100.59.1 - Cutting the bituminous / concrete roads with cutting machine for a minimum depth of 200mm along the sides of proposed alignment of the pipe to be laid without causing any damage to other utilities, including the charges for hire and conveyance of tools and plant, cost of consumables and charges for lighting, watching, ribbon fencing, caution boards, traffic diversion, and as per the direction of departmental officers etc. complete, before carrying out the demolition of bituminous / concrete road by mechanical means and carrying out the excavation.	38063.000	metre	36.00	1370268.00	Rupees Thirteen Lakh Seventy Zero Thousand Two Hundred Sixty Eight Only
1.005	OD259640/2022-2023 - Dismantling manually/mechanical means and disposal of material within 50meters	19031.500	sqm	108.00	2055402.00	Rupees Twenty Lakh Fifty Five Thousand Four Hundred Two Only
1.006	100.8.1 - Fencing one side of trenches, 1.50m height with two rows of 10cm plastic caution tape in vertical casuarina pole (girth 15cm to 24cm) fixed at 2m intervals.	17505.000	metre	33.00	577665.00	Rupees Five Lakh Seventy Seven Thousand Six Hundred Sixty Five Only
1.007	100.14.7 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 400mm diameter Ductile Iron Class K-9 Pipes.	1084.000	metre	300.00	325200.00	Rupees Three Lakh Twenty Five Thousand Two Hundred Zero Only
1.008	100.14.6 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 350mm diameter Ductile Iron Class K-9 Pipes.	470.000	metre	250.00	117500.00	Rupees One Lakh Seventeen Thousand Five Hundred Zero Only
1.009	100.14.5 - Conveying and laying S & a m p ; S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 300mm diameter Ductile Iron Class K-9 Pipes.	1012.000	metre	185.00	187220.00	Rupees One Lakh Eighty Seven Thousand Two Hundred Twenty Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.010	100.14.4 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 250mm diameter Ductile Iron Class K-9 Pipes.	1522.000	metre	150.00	228300.00	Rupees Two Lakh Twenty Eight Thousand Three Hundred Zero Only
1.011	100.14.3 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 200mm diameter Ductile Iron Class K-9 Pipes.	1302.000	metre	112.00	145824.00	Rupees One Lakh Forty Five Thousand Eight Hundred Twenty Four Only
1.012	18.70.7 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:400 mm dia pipes	200.000	joint	625.00	125000.00	Rupees One Lakh Twenty Five Thousand Zero Zero Only
1.013	18.70.6 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:350 mm dia pipes	90.000	joint	400.00	36000.00	Rupees Thirty Six Thousand Zero Zero Only
1.014	18.70.5 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:300 mm dia pipe	190.000	joint	380.00	72200.00	Rupees Seventy Two Thousand Two Hundred Zero Only
1.015	18.70.4 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:250 mm dia pipes	280.000	joint	287.00	80360.00	Rupees Eighty Zero Thousand Three Hundred Sixty Zero Only
1.016	18.70.3 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:200 mm dia pipes	240.000	joint	240.00	57600.00	Rupees Fifty Seven Thousand Six Hundred Zero Only
1.017	18.73.7 - Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :400 mm dia Ductile Iron Double Flanged	20.000	metre	11000.00	220000.00	Rupees Two Lakh Twenty Thousand Zero Zero Only
1.018	18.73.6 - Providing and	15.000	metre	9000.00	135000.00	Rupees One

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :350 mm dia Ductile Iron Double Flanged					Lakh Thirty Five Thousand Zero Zero Only
1.019	18.73.5 - Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :300 mm dia Ductile Iron Double Flanged	15.000	metre	7000.00	105000.00	Rupees One Lakh Five Thousand Zero Zero Only
1.020	18.73.4 - Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :250 mm dia Ductile Iron Double Flanged	25.000	metre	5800.00	145000.00	Rupees One Lakh Forty Five Thousand Zero Zero Only
1.021	18.73.3 - Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :200 mm dia Ductile Iron Double Flanged	20.000	metre	4200.00	84000.00	Rupees Eighty Four Thousand Zero Zero Only
1.022	18.30.9 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:400 mm diameter pipe	53.000	no	1000.00	53000.00	Rupees Fifty Three Thousand Zero Zero Only
1.023	18.30.8 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:350 mm diameter pipe	15.000	no	720.00	10800.00	Rupees Ten Thousand Eight Hundred Zero Only
1.024	18.30.7 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:300 mm diameter pipe	34.000	no	540.00	18360.00	Rupees Eighteen Thousand Three Hundred Sixty Zero Only
1.025	18.30.6 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:250 mm diameter pipe	10.000	no	525.00	5250.00	Rupees Five Thousand Two Hundred Fifty Zero Only
1.026	18.30.5 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:200 mm diameter pipe	18.000	no	380.00	6840.00	Rupees Six Thousand Eight Hundred Forty Zero Only
1.027	100.37.7.1 - In situ fabrication	100.000	metre	5500.00	550000.00	Rupees Five

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of M.S. pipes of size 200mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.					Lakh Fifty Zero Thousand Zero Zero Only
1.028	100.37.7.2 - Fabricating M.S. flanges of diameter 200mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.	10.000	no	1800.00	18000.00	Rupees Eighteen Thousand Zero Zero Only
1.029	100.37.7.3 - Cutting 200mm (I.D.) M.S. pipes for making bends and other specials by gas cutting including cost of gas, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	200.00	4000.00	Rupees Four Thousand Zero Zero Only
1.030	100.37.7.4 - Welding 200mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	750.00	15000.00	Rupees Fifteen Thousand Zero Zero Only
1.031	100.37.7.5 - Grinding cut and weld edges of 200mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	140.00	2800.00	Rupees Two Thousand Eight Hundred Zero Only
1.032	100.37.8.1 - In situ fabrication of M.S. pipes of size 250mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc.,	100.000	metre	6300.00	630000.00	Rupees Six Lakh Thirty Zero Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	complete.					
1.033	100.37.8.2 - Fabricating M.S. flanges of diameter 250mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.	10.000	no	2250.00	22500.00	Rupees Twenty Two Thousand Five Hundred Zero Only
1.034	100.37.8.3 - Cutting 250mm (I.D.) M.S. pipes for making bends and other specials by gas cutting including cost of gas, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	250.00	5000.00	Rupees Five Thousand Zero Zero Only
1.035	100.37.8.4 - Welding 250mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	900.00	18000.00	Rupees Eighteen Thousand Zero Zero Only
1.036	100.37.8.5 - Grinding cut and weld edges of 250mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	170.00	3400.00	Rupees Three Thousand Four Hundred Zero Only
1.037	100.37.9.1 - In situ fabrication of M.S. pipes of size 300mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.	100.000	metre	7200.00	720000.00	Rupees Seven Lakh Twenty Thousand Zero Zero Only
1.038	100.37.9.2 - Fabricating M.S. flanges of diameter 300mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to	10.000	no	2700.00	27000.00	Rupees Twenty Seven Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.					
1.039	100.37.9.3 - Cutting 300mm (I.D.) M.S. pipes for making bends and other specials by gas cutting including cost of gas, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	285.00	5700.00	Rupees Five Thousand Seven Hundred Zero Only
1.040	100.37.9.4 - Welding 300mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	1080.00	21600.00	Rupees Twenty One Thousand Six Hundred Zero Only
1.041	100.37.9.5 - Grinding cut and weld edges of 300mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	10.000	no	200.00	2000.00	Rupees Two Thousand Zero Zero Only
1.042	100.37.10.1 - In situ fabrication of M.S. pipes of size 350mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.	100.000	metre	8000.00	800000.00	Rupees Eight Lakh Zero Zero Zero Only
1.043	100.37.10.2 - Fabricating M.S. flanges of diameter 350mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.	10.000	no	3200.00	32000.00	Rupees Thirty Two Thousand Zero Zero Only
1.044	100.37.10.3 - Cutting 350mm (I.D.) M.S. pipes for making bends and other specials by gas cutting including cost of gas, all labour and hire charges of tools etc.,	20.000	no	335.00	6700.00	Rupees Six Thousand Seven Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	complete: For pipes fabricated with 8mm thick M.S. plates.					
1.045	100.37.10.4 - Welding 350mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	1250.00	25000.00	Rupees Twenty Five Thousand Zero Zero Only
1.046	100.37.10.5 - Grinding cut and weld edges of 350mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	230.00	4600.00	Rupees Four Thousand Six Hundred Zero Only
1.047	100.37.11.1 - In situ fabrication of M.S. pipes of size 400mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.	100.000	metre	9000.00	900000.00	Rupees Nine Lakh Zero Zero Zero Only
1.048	100.37.11.2 - Fabricating M.S. flanges of diameter 400mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.	10.000	no	3700.00	37000.00	Rupees Thirty Seven Thousand Zero Zero Only
1.049	100.37.11.3 - Cutting 400mm (I.D.) M.S. pipes for making bends and other specials by gas cutting including cost of gas, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	370.00	7400.00	Rupees Seven Thousand Four Hundred Zero Only
1.050	100.37.11.4 - Welding 400mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods,	20.000	no	1460.00	29200.00	Rupees Twenty Nine Thousand Two Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.					
1.051	100.37.11.5 - Grinding cut and weld edges of 400mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	20.000	no	270.00	5400.00	Rupees Five Thousand Four Hundred Zero Only
1.052	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	417.440	sqm	330.00	137755.20	Rupees One Lakh Thirty Seven Thousand Seven Hundred Fifty Five And Twenty Zero paise Only
1.053	5.1.2 - Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	77.080	cum	8500.00	655180.00	Rupees Six Lakh Fifty Five Thousand One Hundred Eighty Zero Only
1.054	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	1156.200	kilogram	90.00	104058.00	Rupees One Lakh Four Thousand Zero Fifty Eight Only
1.055	100.35.7 - Testing 400mm DI/CI pipeline with potable water to the required test pressure. 400 mm dia Observed Data derived from item no.1026 of PHED DATA	1084.000	metre	80.00	86720.00	Rupees Eighty Six Thousand Seven Hundred Twenty Only
1.056	100.35.6 - Testing 350mm DI/CI pipeline with potable water to the required test pressure. 350 mm dia Observed Data derived from item no.1024 of PHED DATA	470.000	metre	65.00	30550.00	Rupees Thirty Zero Thousand Five Hundred Fifty Zero Only
1.057	100.35.5 - Testing 300mm DI/CI pipeline with potable water to the required test	1012.000	metre	51.00	51612.00	Rupees Fifty One Thousand Six Hundred

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	pressure. 300 mm dia Observed Data derived from item no.1023 of PHED DATA					Twelve Only
1.058	100.35.4 - Testing 250mm DI/CI pipeline with potable water to the required test pressure . 250 mm dia Observed Data derived from item no.1022 of PHED DATA	1522.000	metre	50.00	76100.00	Rupees Seventy Six Thousand One Hundred Zero Only
1.059	100.35.3 - Testing 200mm DI/CI pipeline with potable water to the required test pressure 200 mm dia Observed Data derived from item no.1020 of PHED DATA	1302.000	metre	40.00	52080.00	Rupees Fifty Two Thousand Zero Eighty Zero Only
1.060	100.10.5 - Laying HDPE pipes (IS : 4984) on land portion including conveying within initial lead and aligning the pipes, electro- fusion welding using automatic or semi-automatic electrofusion machines, testing the pipeline thus fabricated to suit the hydraulic working pressure and after testing, aligning the pipeline, lowering the pipe in position into the trenches already made, testing the line to suitable pressure with potable water before back filling and levelling the trenches including all labour charge, hire for appliances etc., complete but excluding cost of pipe and fittings: 160mm Nominal Outside Diameter Pipes.	2377.000	metre	200.00	475400.00	Rupees Four Lakh Seventy Five Thousand Four Hundred Zero Only
1.061	100.10.4 - Laying HDPE pipes (IS : 4984) on land portion including conveying within initial lead and aligning the pipes, electro- fusion welding using automatic or semi-automatic electrofusion machines, testing the pipeline thus fabricated to suit the hydraulic working pressure and after testing, aligning the pipeline, lowering the pipe in position into the trenches already made, testing the line	1603.000	metre	165.00	264495.00	Rupees Two Lakh Sixty Four Thousand Four Hundred Ninety Five Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	to suitable pressure with potable water before back filling and levelling the trenches including all labour charge, hire for appliances etc., complete but excluding cost of pipe and fittings: 140mm Nominal Outside Diameter Pipes.					
1.062	100.10.2 - Laying HDPE pipes (IS : 4984) on land portion including conveying within initial lead and aligning the pipes, electro-fusion welding using automatic or semi-automatic electrofusion machines, testing the pipeline thus fabricated to suit the hydraulic working pressure and after testing, aligning the pipeline, lowering the pipe in position into the trenches already made, testing the line to suitable pressure with potable water before back filling and levelling the trenches including all labour charge, hire for appliances etc., complete but excluding cost of pipe and fittings: 110mm Nominal Outer Diameter Pipes.	3440.000	metre	115.00	395600.00	Rupees Three Lakh Ninety Five Thousand Six Hundred Zero Only
1.063	100.10.1 - Laying HDPE pipes (IS : 4984) on land portion including conveying within initial lead and aligning the pipes, electro-fusion welding using automatic or semi-automatic electrofusion machines, testing the pipeline thus fabricated to suit the hydraulic working pressure and after testing, aligning the pipeline, lowering the pipe in position into the trenches already made, testing the line to suitable pressure with potable water before back filling and levelling the trenches including all labour charge, hire for appliances etc., complete but excluding cost of pipe and fittings: 90mm Nominal Outer Diameter pipes.	17590.000	metre	90.00	1583100.00	Rupees Fifteen Lakh Eighty Three Thousand One Hundred Zero Only
1.064	100.9.7 - Laying uPVC pipes of class 2 to class 6 and specials, lowering to the	9370.000	metre	80.00	749600.00	Rupees Seven Lakh Forty Nine Thousand

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	trenches already made, placing in position aligning the pipeline to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipeline with water to the required test pressure (excluding cost of pipes and specials): 75 mm nominal outside diameter pipes.					Six Hundred Zero Only
1.065	100.9.6 - Laying uPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipeline to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipeline with water to the required test pressure (excluding cost of pipes and specials): 63 mm nominal outside diameter pipes.	14050.000	metre	80.00	1124000.00	Rupees Eleven Lakh Twenty Four Thousand Zero Zero Only
1.066	100.9.5 - Laying uPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipeline to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipeline with water to the required test pressure (excluding cost of pipes and specials): 50 mm nominal outside diameter pipes.	4710.000	metre	44.00	207240.00	Rupees Two Lakh Seven Thousand Two Hundred Forty Zero Only
1.067	18.12.5 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 40 mm dia nominal bore	100.000	metre	570.00	57000.00	Rupees Fifty Seven Thousand Zero Zero Only
1.068	18.12.6 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 50 mm dia nominal bore	100.000	metre	660.00	66000.00	Rupees Sixty Six Thousand Zero Zero Only
1.069	18.12.7 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 65 mm dia nominal bore	100.000	metre	840.00	84000.00	Rupees Eighty Four Thousand Zero Zero Only
1.070	18.12.8 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 80 mm dia nominal bore	100.000	metre	1000.00	100000.00	Rupees One Lakh Zero Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.071	100.12.9 - Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., but excluding cost of pipes and fittings for External work: 100mm diameter nominal bore.	100.000	metre	220.00	22000.00	Rupees Twenty Two Thousand Zero Zero Only
1.072	100.12.10 - Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., but excluding cost of pipes and fittings for External work: 125mm diameter nominal bore.	100.000	metre	250.00	25000.00	Rupees Twenty Five Thousand Zero Zero Only
1.073	100.12.11 - Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., but excluding cost of pipes and fittings for External work: 150mm diameter nominal bore.	100.000	metre	270.00	27000.00	Rupees Twenty Seven Thousand Zero Zero Only
1.074	100.32.1 - Conveying and fixing C. I. Single Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 25mm Single Acting Air Valve.	50.000	no	140.00	7000.00	Rupees Seven Thousand Zero Zero Only
1.075	100.32.3 - Conveying and fixing C. I. Double Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 50mm Double Acting Air Valve.	25.000	no	220.00	5500.00	Rupees Five Thousand Five Hundred Zero Only
1.076	100.32.4 - Conveying and fixing C. I. Double Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 80mm Double Acting Air Valve.	15.000	no	220.00	3300.00	Rupees Three Thousand Three Hundred Zero Only
1.077	18.17.4 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore	15.000	each	1000.00	15000.00	Rupees Fifteen Thousand Zero Zero Only
1.078	18.17.5 - Providing and fixing gun metal gate valve with C.I.	30.000	each	1750.00	52500.00	Rupees Fifty Two Thousand

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	wheel of approved quality (screwed end) :65 mm nominal bore					Five Hundred Zero Only
1.079	100.31.2.1 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 80mm diameter, Class II.	30.000	no	600.00	18000.00	Rupees Eighteen Thousand Zero Zero Only
1.080	100.31.2.2 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 100mm diameter, Class II.	17.000	no	900.00	15300.00	Rupees Fifteen Thousand Three Hundred Zero Only
1.081	100.31.2.3 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 125mm diameter, Class II.	8.000	no	1000.00	8000.00	Rupees Eight Thousand Zero Zero Only
1.082	100.31.2.4 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 150mm diameter, Class II.	6.000	no	1200.00	7200.00	Rupees Seven Thousand Two Hundred Zero Only
1.083	100.31.2.5 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 200mm diameter, Class II.	5.000	no	1600.00	8000.00	Rupees Eight Thousand Zero Zero Only
1.084	100.31.2.6 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 250mm diameter, Class II.	5.000	no	2400.00	12000.00	Rupees Twelve Thousand Zero Zero Only
1.085	100.31.2.7 - Conveying and	2.000	no	2700.00	5400.00	Rupees Five

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 300mm diameter, Class II.					Thousand Four Hundred Zero Only
1.086	100.31.2.8 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 350mm diameter, Class II.	2.000	no	3700.00	7400.00	Rupees Seven Thousand Four Hundred Zero Only
1.087	100.31.2.9 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 400mm diameter, Class II.	2.000	no	5000.00	10000.00	Rupees Ten Thousand Zero Zero Only
1.088	OD189397/2022-2023 - Taking connection from the line of size upto 100/110 mm for connecting to the branch line using PVC/GI/MS Saddle or Tee and specials including cost of saddle / Tee, all labour charges, necessary earth work excavation and refilling, bailing out water, providing fencing and caution boards etc. but excluding cost of CID/CIR joints tail pieces and specials	25.000	no	1400.00	35000.00	Rupees Thirty Five Thousand Zero Zero Only
1.089	OD189396/2022-2023 - Taking connection from the line of size above 100/110 mm upto 150/160 mm for connecting to the branch line using PVC/GI/MS Saddle or Tee and specials including cost of saddle / Tee, all labour charges, necessary earth work excavation and refilling, bailing out water, providing fencing and caution boards etc. but excluding cost of CID/CIR joints tail pieces and specials.	25.000	no	2000.00	50000.00	Rupees Fifty Zero Thousand Zero Zero Only
1.090	OD189398/2022-2023 - Reinstating / replacing the	1000.000	no	1800.00	1800000.00	Rupees Eighteen Lakh

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	<p>20mm (3/4 inch) house connection with 15mm (1/2 inch) water meter from existing mains to the newly laid and charged pipe lines, up to a length of 3m using 25mm Indian Standard Class 6 uPVC pipe and uPVC / Brass specials viz. brass ferrule, Elbow, MTA, FTA, couplers etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, safely removing & re-fixing existing water meter if necessary, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges but excluding cost of water meter and meter box and excluding charges for cutting the concrete / tarred / bituminous roads and as per the directions of the department officers - upto 160 mm dia pipe lines</p>					Zero Zero Zero Only
2	Distribution main - Cost of materials					
2.001	100.98.121 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 400mm Dia.	1084.000	metre	7800.00	8455200.00	Rupees Eighty Four Lakh Fifty Five Thousand Two Hundred Zero Only
2.002	100.98.120 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 350mm Dia.	470.000	metre	6300.00	2961000.00	Rupees Twenty Nine Lakh Sixty One Thousand Zero Zero Only
2.003	100.98.119 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 300mm Dia.	1012.000	metre	5000.00	5060000.00	Rupees Fifty Zero Lakh Sixty Zero Thousand Zero Zero Only
2.004	100.98.118 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 250mm Dia.	1522.000	metre	4000.00	6088000.00	Rupees Sixty Zero Lakh Eighty Eight Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.005	100.98.117 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 200mm Dia.	1302.000	metre	3000.00	3906000.00	Rupees Thirty Nine Lakh Six Thousand Zero Zero Only
2.006	18.68.1 - Providing and laying D.I specials of class K - 12 suitable for push - on jointing as per IS : 9523 :Upt 600 mm dia	241.240	quintal	18000.00	4342320.00	Rupees Forty Three Lakh Forty Two Thousand Three Hundred Twenty Only
2.007	18.69.1 - Providing and laying D.I Specials of Class K - 12 suitable for mechanical jointing as per IS : 9523 :Upto 600 mm dia	30.000	quintal	19000.00	570000.00	Rupees Five Lakh Seventy Zero Thousand Zero Zero Only
2.008	100.98.134 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 90mm Outer Dia.	17590.000	metre	375.00	6596250.00	Rupees Sixty Five Lakh Ninety Six Thousand Two Hundred Fifty Zero Only
2.009	100.98.135 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 110mm Outer Dia.	3440.000	metre	500.00	1720000.00	Rupees Seventeen Lakh Twenty Thousand Zero Zero Only
2.010	100.98.137 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 140mm Outer Dia.	1603.000	metre	550.00	881650.00	Rupees Eight Lakh Eighty One Thousand Six Hundred Fifty Zero Only
2.011	100.98.138 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 160mm Outer Dia.	2377.000	metre	800.00	1901600.00	Rupees Nineteen Lakh One Thousand Six Hundred Zero Only
2.012	100.98.210 - Supply of PVC Pipe, 6kg/cm ² , 50mm Dia.	4710.000	metre	150.00	706500.00	Rupees Seven Lakh Six Thousand Five Hundred Zero Only
2.013	100.98.211 - Supply of PVC Pipe, 6kg/cm ² , 63mm Dia.	14050.000	metre	190.00	2669500.00	Rupees Twenty Six Lakh Sixty Nine Thousand Five Hundred Zero Only
2.014	100.98.212 - Supply of PVC Pipe, 6kg/cm ² , 75mm Dia.	9370.000	metre	280.00	2623600.00	Rupees Twenty Six Lakh Twenty Three Thousand Six Hundred Zero Only
2.015	OD189402/2022-2023 - Supply of 100 mm GI pipe	100.000	metre	1200.00	120000.00	Rupees One Lakh Twenty Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.016	OD189403/2022-2023 - Supply of 125 mm GI pipe	100.000	metre	1600.00	160000.00	Rupees One Lakh Sixty Zero Thousand Zero Zero Only
2.017	OD189404/2022-2023 - Supply of 150mm GI pipe	100.000	metre	1800.00	180000.00	Rupees One Lakh Eighty Zero Thousand Zero Zero Only
2.018	100.98.440 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.	50.000	no	5500.00	275000.00	Rupees Two Lakh Seventy Five Thousand Zero Zero Only
2.019	100.98.446 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Double Orifice Type DS2, Size 50mm.	25.000	no	7500.00	187500.00	Rupees One Lakh Eighty Seven Thousand Five Hundred Zero Only
2.020	100.98.450 - Supply of CI Air Valve with Flanges, Conforming to IS 14845 - 2000, Kinetic Air Valve Type DS1, Size 80mm.	15.000	no	12000.00	180000.00	Rupees One Lakh Eighty Zero Thousand Zero Zero Only
2.021	100.98.457 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 80mm.	30.000	no	6100.00	183000.00	Rupees One Lakh Eighty Three Thousand Zero Zero Only
2.022	100.98.458 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 100mm.	17.000	no	8200.00	139400.00	Rupees One Lakh Thirty Nine Thousand Four Hundred Zero Only
2.023	100.98.459 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 125mm.	8.000	no	10200.00	81600.00	Rupees Eighty One Thousand Six Hundred Zero Only
2.024	100.98.460 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 150mm.	6.000	no	12200.00	73200.00	Rupees Seventy Three Thousand Two Hundred Zero Only
2.025	100.98.461 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 200mm.	5.000	no	22000.00	110000.00	Rupees One Lakh Ten Thousand Zero Zero Only
2.026	100.98.462 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 250mm.	5.000	no	32000.00	160000.00	Rupees One Lakh Sixty Zero Thousand Zero Zero Only
2.027	100.98.463 - Supply of CI Double Flanged Sluice Valve	2.000	no	40000.00	80000.00	Rupees Eighty Zero Thousand

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 300mm.					Zero Zero Only
2.028	100.98.464 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 350mm.	2.000	no	71000.00	142000.00	Rupees One Lakh Forty Two Thousand Zero Zero Only
2.029	100.98.465 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 400mm.	2.000	no	88000.00	176000.00	Rupees One Lakh Seventy Six Thousand Zero Zero Only
3	Providing FHTCs					
3.001	100.60.1.1.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing PVC / HDPE mains up to 110 mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, PVC Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.	1000.000	no	5400.00	5400000.00	Rupees Fifty Four Lakh Zero Zero Zero Only
3.002	100.60.1.4.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing AC / GI mains up to	150.000	no	5440.00	816000.00	Rupees Eight Lakh Sixteen Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	125 mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, GI / MS / SS Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.					
3.003	100.60.2.1.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing PVC / HDPE mains from 140mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, PVC Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc.	440.000	no	5500.00	2420000.00	Rupees Twenty Four Lakh Twenty Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.					
3.004	100.60.2.4.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing AC / GI mains from 150mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, GI / MS / SS Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.	150.000	no	5500.00	825000.00	Rupees Eight Lakh Twenty Five Thousand Zero Zero Only
3.005	100.60.2.7.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing CI mains from 150mm to 200mm dia., up to	160.000	no	6750.00	1080000.00	Rupees Ten Lakh Eighty Zero Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.					
3.006	100.60.3.1.1 - Providing additional length of house connection pipe using 20mm Indian Standard Class 6 uPVC pipe and specials and testing the joints etc., by trenching and refilling in all kinds of soil with trench of average cross section 0.3m x 0.75m for laying of connection pipe and service pipe, lighting, watching, providing caution boards, traffic control etc., including cost of materials, hire for tools, cost of consumables and labour charges etc. complete, but excluding the cost of cutting of concrete / tarred / bituminous roads etc., and as per the directions of the department officers	22800.000	metre	215.00	4902000.00	Rupees Forty Nine Lakh Two Thousand Zero Zero Only
3.007	100.60.10.1.1 - Providing 15mm (1/2 inch) GM Air Valve in the water meter assembly for 15mm connection, using 20mm Indian Standard Class 6	1900.000	no	730.00	1387000.00	Rupees Thirteen Lakh Eighty Seven Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	uPVC pipes and specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.					
3.008	100.60.12.3.1 - Providing 15mm PVC Tap in the water meter assembly for 15mm connection, using 20mm Indian Standard Class 6 uPVC pipes and specials including cost of materials, consumables, hire charges for tools and labour charges etc. complete and as per the direction of departmental officers.	1900.000	no	530.00	1007000.00	Rupees Ten Lakh Seven Thousand Zero Zero Only
3.009	OD236669/2022-2023 - Providing 63mm PVC pipe to suitable length for vertical post to street hydrant including necessary earth work excavation refilling etc and including cost of pipe	1900.000	1 nos	286.00	543400.00	Rupees Five Lakh Forty Three Thousand Four Hundred Zero Only
3.010	OD259642/2022-2023 - D i s m a n t l i n g manually/mechanical means and disposal of material within 50meters	1752.000	sqm	108.00	189216.00	Rupees One Lakh Eighty Nine Thousand Two Hundred Sixteen Only
3.011	15.2.2 - Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:4:8 leaner mix (including equivalent design mix)	212.800	cum	1500.00	319200.00	Rupees Three Lakh Nineteen Thousand Two Hundred Zero Only
4	Construction of Valve chamber					
4.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	373.184	cum	300.00	111955.20	Rupees One Lakh Eleven Thousand Nine Hundred Fifty Five And Twenty Zero paise Only
4.002	2.26.1 - Extra for every additional lift 1.5 m or part there of in excavation /	114.944	cum	100.00	11494.40	Rupees Eleven Thousand Four Hundred Ninety

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	banking excavated or stacked materials.All kinds of soil					Four And Forty Zero paise Only
4.003	4.1.3 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	17.216	cum	7300.00	125676.80	Rupees One Lakh Twenty Five Thousand Six Hundred Seventy Six And Eighty Zero paise Only
4.004	5.1.2 - Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)	86.200	cum	8200.00	706840.00	Rupees Seven Lakh Six Thousand Eight Hundred Forty Zero Only
4.005	5.22A.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Thermo - Mechanically Treated bars of grade Fe-500D or more	5172.000	kg	90.00	465480.00	Rupees Four Lakh Sixty Five Thousand Four Hundred Eighty Zero Only
4.006	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	179.280	sqm	335.00	60058.80	Rupees Sixty Zero Thousand Zero Fifty Eight And Eighty Zero paise Only
4.007	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	608.000	sqm	700.00	425600.00	Rupees Four Lakh Twenty Five Thousand Six Hundred Zero Only
4.008	13.1.1 - 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	363.440	sqm	300.00	109032.00	Rupees One Lakh Nine Thousand Zero Thirty Two Only
4.009	100.41.33 - Supplying and fixing 500mm dia C.I. manhole cover with frame (medium duty) charges including all cost, labour charges etc., complete.	36.000	no	7000.00	252000.00	Rupees Two Lakh Fifty Two Thousand Zero Zero Only
5	PWD Road Restoration - BMBC					
5.001	3.6 - Excavation for roadwork in soil with hydraulic	6084.400	cum	150.00	912660.00	Rupees Nine Lakh Twelve

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m					Thousand Six Hundred Sixty Zero Only
5.002	4.1.B.1 - Construction of granular sub-base by providing graded material, spreading in uniform layers with a motor grader on a prepared surface, mixing by mix in-place method with rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method	3042.200	cum	2900.00	8822380.00	Rupees Eighty Eight Lakh Twenty Two Thousand Three Hundred Eighty Zero Only
5.003	4.12 - Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	3042.200	cum	3000.00	9126600.00	Rupees Ninety One Lakh Twenty Six Thousand Six Hundred Zero Only
5.004	5.1.a - Providing and applying primer coat with bitumen emulsion (SS) on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means.	15211.000	sqm	56.00	851816.00	Rupees Eight Lakh Fifty One Thousand Eight Hundred Sixteen Only
5.005	5.2.a - Providing and applying tack coat with bitumen emulsion(RS) using emulsion pressure distributor at the rate of 0.20 - 0.30 kg per sqm on the prepared bituminous surface cleaned with mechanical broom.	15211.000	sqm	11.00	167321.00	Rupees One Lakh Sixty Seven Thousand Three Hundred Twenty One Only
5.006	5.3.2.a - Providing and laying bituminous macadam with 80-100 TPH hot mix plant producing an average output	760.550	cum	7550.00	5742152.50	Rupees Fifty Seven Lakh Forty Two Thousand One

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of 75 tonnes per hour using crushed aggregates of specified grading premixed with a bituminous binder (VG 30), transported to the site, laid over a previously prepared surface with paver finisher to the required grade, level, and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction For Grading II - (19 mm nominal size)					Hundred Fifty Two And Fifty Zero paise Only
5.007	5.6.2.a - Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with a bituminous binder (NRMB) @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects For Grading - II (13.2 mm Nominal Size)	456.330	cum	11600.00	5293428.00	Rupees Fifty Two Lakh Ninety Three Thousand Four Hundred Twenty Eight Only
6	LSGD Road Restoration					
6.001	3.5.3 - Excavation in Soil using Hydraulic Excavator and Tippers with disposal upto 1000 m
 Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3	10747.200	cum	150.00	1612080.00	Rupees Sixteen Lakh Twelve Thousand Zero Eighty Zero Only
6.002	4.1.A.1 - Granular Sub-base with Well Graded Material (Table 400.1)
 (A) By Mix in Place Method
 Construction of granular sub-base by	5373.600	cum	2700.00	14508720.00	Rupees One Crore Forty Five Lakh Eight Thousand Seven Hundred Twenty Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.
 (i) For Grading I Material					
6.003	4.9 - Wet Mix Macadam
 Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & amp; 400.12 and Technical Specification Clause 406.
 By Mechanical Means with 1 km lead	5373.600	cum	3050.00	16389480.00	Rupees One Crore Sixty Three Lakh Eighty Nine Thousand Four Hundred Eighty Zero Only
6.004	5.1.1a - Prime Coat :- Low porosity
 Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502	26868.000	sqm	67.00	1800156.00	Rupees Eighteen Lakh Zero One Hundred Fifty Six Only
6.005	5.2.3 a - Tack Coat
 Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & amp; cleaned with Hydraulic broom as per Technical Specification Clause 503.	26868.000	sqm	15.00	403020.00	Rupees Four Lakh Three Thousand Zero Twenty Only
6.006	5.9.1.2a - 20mm thick Open-	26868.000	sqm	176.00	4728768.00	Rupees Forty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Graded Premix Carpet using Bituminous (penetration grade/modified bitumen) Binder - Bitumen S-65 & Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508. & Case - I By Manual Means & (II) Bitumen (S-65)					Seven Lakh Twenty Eight Thousand Seven Hundred Sixty Eight Only
6.007	5.12.A.3.2a - Seal Coat - Manual Means - Type C - Bitumen S-65 & Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 & A. By Manual Means :- Case - III : Type C & (II) Bitumen (S-65)	26868.000	sqm	75.00	2015100.00	Rupees Twenty Lakh Fifteen Thousand One Hundred Zero Only

The above work awarded to the contractor OM DHAR ENGINEERING PVT LTD,AABCO6212E, at his quoted rate for individual items at a total accepted PAC 186328706(Eighteen Crore Sixty Three Lakh Twenty Eight Thousand Seven Hundred and Six Only) as per the condition of the contract.