

LETTER OF ACCEPTANCE

To,
Sri/Smt M/s.K O JOSE
PAN : ABKPJ6257D

Your e-Tender No WRD/KWA-CE(CR)/TR/822/2022_26_3_2/1 dated 12-01-2023 for the **Jal Jeevan Mission (JJM)-JJM PROVIDING FHTCS TO ALL HOUSEHOLD IN ERATTAYAR AND KAMAKSHI (PART) PANCHAYATHS IN IDUKKI DISTRICTS-Providing and Laying Distribution Network and FHTC's for various zones-Pipeline Work** has been accepted for a quoted amount of **Rs. 279544168/- (Rupees Twenty Seven Crore Ninety Five Lakh Forty Four Thousand One Hundred and Sixty Eight only)** based on rates quoted for **individual itemsindividual itemsindividual itemsindividual 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(Project Division Kattapana)**. 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 701011400000181, 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. 8386325/- (Rupees Eighty Three Lakh Eighty Six Thousand Three Hundred and Twenty 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. 17883404/- (Rupees One Crore Seventy Eight Lakh Eighty Three Thousand Four Hundred and Four 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 **2 years**
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.

Pradeep V.K.(G14136)
Superintending Engineer

ACCEPTED SCHEDULE

Name of Work: Jal Jeevan Mission (JJM)-JJM PROVIDING FHTCS TO ALL HOUSEHOLD
IN ERATTAYAR AND KAMAKSHI (PART) PANCHAYATHS IN IDUKKI DISTRICTS-
Providing and Laying Distribution Network and FHTC's for various zones-Pipeline Work
(DSR 2018 with Cost Index 141.53)

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1	Cost of materials					
1.001	100.98.116 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 150mm Dia.	4714.000	metre	2348.00	11068472.00	Rupees One Crore Ten Lakh Sixty Eight Thousand Four Hundred Seventy Two Only
1.002	100.98.117 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 200mm Dia.	1083.000	metre	3223.00	3490509.00	Rupees Thirty Four Lakh Ninety Zero Thousand Five Hundred Nine Only
1.003	100.98.118 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 250mm Dia.	631.000	metre	4234.00	2671654.00	Rupees Twenty Six Lakh Seventy One Thousand Six Hundred Fifty Four Only
1.004	100.98.135 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 110mm Outer Dia.	27111.000	metre	341.00	9244851.00	Rupees Ninety Two Lakh Forty Four Thousand Eight Hundred Fifty One Only
1.005	OD79784/2022-2023 - Supply of specials for HDPE Pipe PE100 ,8(kg) as per direction.	27111.000	metre	9.50	257554.50	Rupees Two Lakh Fifty Seven Thousand Five Hundred Fifty Four And Fifty Zero paise Only
1.006	100.98.155 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 10kg, 110mm Outer Dia.	10128.000	metre	429.00	4344912.00	Rupees Forty Three Lakh Forty Four Thousand Nine Hundred Twelve Only
1.007	OD79826/2022-2023 - Supply of Specials for HDPE Pipe 10(kg) as per direction	10128.000	metre	11.45	115965.60	Rupees One Lakh Fifteen Thousand Nine Hundred Sixty Five And Sixty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.008	100.98.195 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 16kg, 110mm Outer Dia.	27975.000	metre	633.00	17708175.00	Rupees One Crore Seventy Seven Lakh Eight Thousand One Hundred Seventy Five Only
1.009	OD79869/2022-2023 - Supply of Specials for 110 mm dia HDPE 16(kg) pipe	27975.000	metre	16.74	468301.50	Rupees Four Lakh Sixty Eight Thousand Three Hundred One And Fifty Zero paise Only
1.010	100.98.134 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 90mm Outer Dia.	10205.000	metre	231.00	2357355.00	Rupees Twenty Three Lakh Fifty Seven Thousand Three Hundred Fifty Five Only
1.011	OD79888/2022-2023 - Supply of Specials for 90 mm HDPE 8 Kg Pipe	10205.000	metre	6.37	65005.85	Rupees Sixty Five Thousand Zero Five And Eighty Five paise Only
1.012	100.98.154 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 10kg, 90mm Outer Dia.	8100.000	metre	293.00	2373300.00	Rupees Twenty Three Lakh Seventy Three Thousand Three Hundred Zero Only
1.013	OD79908/2022-2023 - Supply specials for 90 mm HDPE 90 mm 10(kg)pipe	8100.000	metre	7.95	64395.00	Rupees Sixty Four Thousand Three Hundred Ninety Five Only
1.014	100.98.194 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 16kg, 90mm Outer Dia.	8438.000	metre	438.00	3695844.00	Rupees Thirty Six Lakh Ninety Five Thousand Eight Hundred Forty Four Only
1.015	OD79931/2022-2023 - Specials for 90 mm HDPE Pipe 16 (kg)	8438.000	metre	11.30	95349.40	Rupees Ninety Five Thousand Three Hundred Forty Nine And Forty Zero paise Only
1.016	OD74262/2022-2023 - Supply of 100mm GI (M) pipes	360.000	metre	1350.00	486000.00	Rupees Four Lakh Eighty Six Thousand Zero Zero Only
1.017	OD79681/2022-2023 - Specials for 100 mm GI pipe medium	360.000	metre	40.30	14508.00	Rupees Fourteen Thousand Five Hundred Eight Only
1.018	100.98.440 - Supply of CI Air Valve, Conforming to IS	265.000	no	5636.76	1493741.40	Rupees Fourteen Lakh

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.					Ninety Three Thousand Seven Hundred Forty One And Forty Zero paise Only
1.019	100.98.445 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Double Orifice Type DS2, Size 40mm.	50.000	no	6950.42	347521.00	Rupees Three Lakh Forty Seven Thousand Five Hundred Twenty One Only
1.020	100.98.436 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Kinetic Air Valve Type DK, Size 80mm.	12.000	no	11748.57	140982.84	Rupees One Lakh Forty Zero Thousand Nine Hundred Eighty Two And Eighty Four paise Only
1.021	100.98.457 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 80mm.	95.000	no	6624.03	629282.85	Rupees Six Lakh Twenty Nine Thousand Two Hundred Eighty Two And Eighty Five paise Only
1.022	100.98.458 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 100mm.	70.000	no	9003.95	630276.50	Rupees Six Lakh Thirty Zero Thousand Two Hundred Seventy Six And Fifty Zero paise Only
1.023	100.98.460 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 150mm.	9.000	no	13396.74	120570.66	Rupees One Lakh Twenty Thousand Five Hundred Seventy Zero And Sixty Six paise Only
1.024	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	23723.64	118618.20	Rupees One Lakh Eighteen Thousand Six Hundred Eighteen And Twenty Zero paise Only
1.025	100.98.462 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 250mm.	3.000	no	34361.82	103085.46	Rupees One Lakh Three Thousand Zero Eighty Five And Forty Six paise Only
2	Working charge for Distribution System					
2.001	100.1.1 - Excavating trenches of required width for pipes,	36435.842	cum	579.88	21128416.06	Rupees Two Crore Eleven

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Lakh Twenty Eight Thousand Four Hundred Sixteen And Six paise Only
2.002	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.	14081.478	cum	842.08	11857730.99	Rupees One Crore Eighteen Lakh Fifty Seven Thousand Seven Hundred Thirty Zero And Ninety Nine paise Only
2.003	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, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Medium Rock where Blasting is Prohibited.	2816.296	cum	700.00	1971407.20	Rupees Nineteen Lakh Seventy One Thousand Four Hundred Seven And Twenty Zero paise Only
2.004	100.4.1 - Excavating in hard rock for trenches by blasting for laying pipes and stacking useful materials for measurements and disposing unserviceable materials within the initial lead of 50m and lift up to 1.50m (depth from 0.0m to 1.50m) and providing protection by earth	2816.296	cum	1200.00	3379555.20	Rupees Thirty Three Lakh Seventy Nine Thousand Five Hundred Fifty Five And Twenty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	filled cement bags during blasting to avoid damages to nearby structures (200 Nos. of earth filled cement bags for 10m ³ of blasting)					
2.005	50.2.25.1 - Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge	51.632	cum	548.87	28339.26	Rupees Twenty Eight Thousand Three Hundred Thirty Nine And Twenty Six paise Only
2.006	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.	97403.000	metre	28.84	2809102.52	Rupees Twenty Eight Lakh Nine Thousand One Hundred Two And Fifty Two paise Only
2.007	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.	5250.000	metre	31.77	166792.50	Rupees One Lakh Sixty Six Thousand Seven Hundred Ninety Two And Fifty Zero paise Only
2.008	15.59 - Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilo metre, as per direction of Engineer-in-charge.	630.000	cum	394.70	248661.00	Rupees Two Lakh Forty Eight Thousand Six Hundred Sixty One Only
2.009	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	240.000	cum	1018.00	244320.00	Rupees Two Lakh Forty Four Thousand Three Hundred Twenty Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	mix)					
2.010	100.14.2 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 150mm diameter Ductile Iron Class K-9 Pipes.	4696.000	metre	91.51	429730.96	Rupees Four Lakh Twenty Nine Thousand Seven Hundred Thirty Zero And Ninety Six paise Only
2.011	18.70.2 - 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:150 mm dia pipes	845.000	joint	184.10	155564.50	Rupees One Lakh Fifty Five Thousand Five Hundred Sixty Four And Fifty Zero paise Only
2.012	OD109578/2022-2023 - Labour for cutting D.I. pipe with steel saw. 150 mm diameter D.I. pipe	52.000	Each Cut	337.10	17529.20	Rupees Seventeen Thousand Five Hundred Twenty Nine And Twenty Zero paise Only
2.013	18.30.4 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:150 mm diameter pipe	20.000	no	402.30	8046.00	Rupees Eight Thousand Zero Forty Six Only
2.014	100.35.2 - Testing 150mm DI/CI pipeline with potable water to the required test pressure 150 mm dia Observed Data derived from item no.1018 of PHED DATA	4696.000	metre	32.86	154310.56	Rupees One Lakh Fifty Four Thousand Three Hundred Ten And Fifty Six paise Only
2.015	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.	1115.000	metre	127.49	142151.35	Rupees One Lakh Forty Two Thousand One Hundred Fifty One And Thirty Five paise Only
2.016	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	200.000	joint	270.11	54022.00	Rupees Fifty Four Thousand Zero Twenty Two Only
2.017	OD109584/2022-2023 - Labour for cutting D.I. pipe with steel saw. 150 mm diameter D.I. pipe	35.000	Each Cut	337.10	11798.50	Rupees Eleven Thousand Seven Hundred Ninety Eight And Fifty Zero paise Only
2.018	18.30.5 - Providing flanged joints to double flanged C.I./	15.000	no	436.82	6552.30	Rupees Six Thousand Five

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	D.I pipes and specials, including testing of joints:200 mm diameter pipe					Hundred Fifty Two And Thirty Zero paise Only
2.019	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	1115.000	metre	41.66	46450.90	Rupees Forty Six Thousand Four Hundred Fifty Zero And Ninety Zero paise Only
2.020	100.14.4 - Conveying and laying S & amp ; 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.	635.000	metre	170.23	108096.05	Rupees One Lakh Eight Thousand Zero Ninety Six And Five paise Only
2.021	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	120.000	joint	329.85	39582.00	Rupees Thirty Nine Thousand Five Hundred Eighty Two Only
2.022	18.30.6 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:250 mm diameter pipe	12.000	no	595.56	7146.72	Rupees Seven Thousand One Hundred Forty Six And Seventy Two paise Only
2.023	OD109590/2022-2023 - Labour for cutting D.I. pipe with steel saw. 250 mm diameter D.I. pipe	15.000	Each Cut	559.11	8386.65	Rupees Eight Thousand Three Hundred Eighty Six And Sixty Five paise Only
2.024	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	635.000	metre	53.00	33655.00	Rupees Thirty Three Thousand Six Hundred Fifty Five Only
2.025	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	26743.000	metre	97.37	2603965.91	Rupees Twenty Six Lakh Three Thousand Nine Hundred Sixty Five And Ninety One paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
2.026	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.	64938.000	metre	132.06	8575712.28	Rupees Eighty Five Lakh Seventy Five Thousand Seven Hundred Twelve And Twenty Eight paise Only
2.027	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	40135.000	metre	1064.49	42723306.15	Rupees Four Crore Twenty Seven Lakh Twenty Three Thousand Three Hundred Six And Fifteen paise Only
2.028	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.	360.000	metre	245.48	88372.80	Rupees Eighty Eight Thousand Three Hundred Seventy Two And Eighty Zero paise Only
2.029	18.67.1 - Providing and laying S & S C.I. Standard specials suitable for mechanical jointing as per IS 13382:Upto 300 mm dia	5.930	quintal	14708.68	87222.47	Rupees Eighty Seven Thousand Two Hundred Twenty Two And Forty Seven paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.030	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	38.700	quintal	21003.05	812818.04	Rupees Eight Lakh Twelve Thousand Eight Hundred Eighteen And Four paise Only
2.031	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.	265.000	no	143.63	38061.95	Rupees Thirty Eight Thousand Zero Sixty One And Ninety Five paise Only
2.032	100.32.2 - 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): 40mm Single Acting Air Valve.	50.000	no	184.44	9222.00	Rupees Nine Thousand Two Hundred Twenty Two Only
2.033	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.	12.000	no	229.21	2750.52	Rupees Two Thousand Seven Hundred Fifty Zero And Fifty Two paise Only
2.034	100.31.1.1 - 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 I.	95.000	no	613.80	58311.00	Rupees Fifty Eight Thousand Three Hundred Eleven Only
2.035	100.31.1.2 - 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 I.	70.000	no	925.37	64775.90	Rupees Sixty Four Thousand Seven Hundred Seventy Five And Ninety Zero paise Only
2.036	100.31.1.4 - 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,	9.000	no	1253.32	11279.88	Rupees Eleven Thousand Two Hundred Seventy Nine And Eighty Eight paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Class I.					
2.037	100.31.1.5 - 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 I.	5.000	no	1625.85	8129.25	Rupees Eight Thousand One Hundred Twenty Nine And Twenty Five paise Only
2.038	100.31.1.6 - 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 I.	3.000	no	2304.80	6914.40	Rupees Six Thousand Nine Hundred Fourteen And Forty Zero paise Only
2.039	OD74264/2022-2023 - Supply and fixing of stainless steel spring loaded pressure relief valve as per IS 9739(1981)	30.000	no	6229.37	186881.10	Rupees One Lakh Eighty Six Thousand Eight Hundred Eighty One And Ten paise Only
2.040	100.37.6.1 - In situ fabrication of M.S. pipes of size 150mm (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	5174.49	517449.00	Rupees Five Lakh Seventeen Thousand Four Hundred Forty Nine Only
2.041	100.37.6.2 - Fabricating M.S. flanges of diameter 150mm 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.	12.000	no	1544.03	18528.36	Rupees Eighteen Thousand Five Hundred Twenty Eight And Thirty Six paise Only
2.042	100.37.6.3 - Cutting 150mm (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.	24.000	no	171.45	4114.80	Rupees Four Thousand One Hundred Fourteen And Eighty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.043	100.37.6.4 - Welding 150mm (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.	24.000	no	648.09	15554.16	Rupees Fifteen Thousand Five Hundred Fifty Four And Sixteen paise Only
2.044	100.37.6.5 - Grinding cut and weld edges of 150mm (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.	48.000	no	121.73	5843.04	Rupees Five Thousand Eight Hundred Forty Three And Four paise Only
2.045	100.37.7.1 - In situ fabrication 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.	60.000	metre	6165.53	369931.80	Rupees Three Lakh Sixty Nine Thousand Nine Hundred Thirty One And Eighty Zero paise Only
2.046	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.	12.000	no	2081.10	24973.20	Rupees Twenty Four Thousand Nine Hundred Seventy Three And Twenty Zero paise Only
2.047	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.	24.000	no	223.11	5354.64	Rupees Five Thousand Three Hundred Fifty Four And Sixty Four paise Only
2.048	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.	24.000	no	843.32	20239.68	Rupees Twenty Thousand Two Hundred Thirty Nine And Sixty Eight paise Only
2.049	100.37.7.5 - Grinding cut and	48.000	no	158.40	7603.20	Rupees Seven

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Thousand Six Hundred Three And Twenty Zero paise Only
2.050	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	466.650	cum	309.99	144656.83	Rupees One Lakh Forty Four Thousand Six Hundred Fifty Six And Eighty Three paise Only
2.051	OD109570/2022-2023 - Earthwork excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (exceeding 1.5 up to 3m.	93.330	cum	661.68	61754.59	Rupees Sixty One Thousand Seven Hundred Fifty Four And Fifty Nine paise Only
2.052	4.1.6 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	35.258	cum	7527.05	265388.73	Rupees Two Lakh Sixty Five Thousand Three Hundred Eighty Eight And Seventy Three paise Only
2.053	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)	79.955	cum	8340.91	666897.46	Rupees Six Lakh Sixty Six Thousand Eight Hundred Ninety Seven And Forty Six paise Only
2.054	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)	308.050	cum	9483.13	2921278.20	Rupees Twenty Nine Lakh Twenty One Thousand Two Hundred Seventy Eight And Twenty Zero paise Only
2.055	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings,	2559.660	sqm	350.00	895881.00	Rupees Eight Lakh Ninety Five Thousand Eight Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	bases of columns, etc for mass concrete					Eighty One Only
2.056	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	20881.650	kilogram	95.00	1983756.75	Rupees Nineteen Lakh Eighty Three Thousand Seven Hundred Fifty Six And Seventy Five paise Only
3	Providing FHTC to various Zones					
3.001	100.60.13.1.2 - Providing 15mm (1/2 inch) house connection with 15mm water meter from existing PVC / HDPE mains up to 110 mm dia., up to a length of 5m using 20mm (1/2 inch) PE Pipe, PE 80, PN 16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, 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.	1322.000	no	7137.54	9435827.88	Rupees Ninety Four Lakh Thirty Five Thousand Eight Hundred Twenty Seven And Eighty Eight paise Only
3.002	100.60.13.3.2 - Providing 20mm (3/4 inch) house connection with 15mm water meter from existing PVC / HDPE mains up to 110 mm dia., up to a length of 5m	1113.000	no	8021.00	8927373.00	Rupees Eighty Nine Lakh Twenty Seven Thousand Three Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	using 25mm (3/4 inch) PE Pipe, PE 80, PN 16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, 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 and weather with ISI mark 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.					Seventy Three Only
3.003	100.60.13.7.2 - Providing 15mm (1/2 inch) house connection with 15mm water meter from existing CI mains up to 125 mm dia., up to a length of 5 m using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, 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	598.000	no	8321.22	4976089.56	Rupees Forty Nine Lakh Seventy Six Thousand Zero Eighty Nine And Fifty Six paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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					
3.004	100.60.13.9.2 - Providing 20mm (3/4 inch) house connection with 15mm water meter from existing CI mains up to 125 mm dia., up to a length of 5 m using 25mm (3/4 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, 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	922.000	no	9204.69	8486724.18	Rupees Eighty Four Lakh Eighty Six Thousand Seven Hundred Twenty Four And Eighteen paise Only
3.005	100.60.14.7.2 - Providing 15mm (1/2 inch) house connection with 15mm water	121.000	no	8426.50	1019606.50	Rupees Ten Lakh Nineteen Thousand Six

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	meter from existing CI mains from 150mm to 200mm dia., up to a length of 5 m using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, 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.					Hundred Six And Fifty Zero paise Only
3.006	100.60.14.9.2 - Providing 20mm (3/4 inch) house connection with 15mm water meter from existing CI mains from 150mm to 200mm dia., up to a length of 5 m using 25mm (3/4 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, 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	152.000	no	9507.98	1445212.96	Rupees Fourteen Lakh Forty Five Thousand Two Hundred Twelve And Ninety Six paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
3.007	100.60.21.1.1 - Providing 15mm (1/2 inch) GM Air Valve in the water meter assembly for 15mm water connection, using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.	2041.000	no	996.49	2033836.09	Rupees Twenty Lakh Thirty Three Thousand Eight Hundred Thirty Six And Nine paise Only
3.008	100.60.21.2.1 - Providing 20mm (3/4 inch) GM Air Valve in the water meter assembly for 20mm water connection, using 25mm (3/4 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.	2187.000	no	1252.94	2740179.78	Rupees Twenty Seven Lakh Forty Zero Thousand One Hundred Seventy Nine And Seventy Eight paise Only
3.009	100.60.23.3.1 - Providing 15mm PVC Tap in the water meter assembly for 15mm (1/2 inch) water connection, using 20mm (1/2 inch) Indian Standard uPVC Class 6 pipes, uPVC specials and PP PN 16 Compression specials including cost of materials, consumables, hire charges for tools and labour charges etc. complete and as	2041.000	no	683.64	1395309.24	Rupees Thirteen Lakh Ninety Five Thousand Three Hundred Nine And Twenty Four paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	per the direction of departmental officers.					
3.010	100.60.23.4.1 - Providing 15mm PVC Tap in the water meter assembly for 20mm (3/4 inch) water connection, using 25mm (3/4 inch) Indian Standard Class 6 uPVC pipes, uPVC specials and PP PN 16 Compression specials including cost of materials, consumables, hire charges for tools and labour charges etc. complete and as per the direction of departmental officers.	2187.000	no	785.68	1718282.16	Rupees Seventeen Lakh Eighteen Thousand Two Hundred Eighty Two And Sixteen paise Only
3.011	100.60.15.1.1 - Providing additional length of house connection pipe using 20 mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PN16 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.	48984.000	metre	179.74	8804384.16	Rupees Eighty Eight Lakh Four Thousand Three Hundred Eighty Four And Sixteen paise Only
3.012	100.60.15.2.1 - Providing additional length of house connection pipe using 25 mm (3/4 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PN 16 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	104976.000	metre	195.27	20498663.52	Rupees Two Crore Four Lakh Ninety Eight Thousand Six Hundred Sixty Three And Fifty Two paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	cost of cutting of concrete / tarred / bituminous roads etc., and as per the directions of the department officers.					
3.013	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.	6400.000	metre	31.77	203328.00	Rupees Two Lakh Three Thousand Three Hundred Twenty Eight Only
3.014	15.59 - Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilo metre, as per direction of Engineer-in-charge.	240.000	cum	394.70	94728.00	Rupees Ninety Four Thousand Seven Hundred Twenty Eight Only
3.015	100.60.8.1 - Replacing the choked / damaged 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing mains, up to a length of 5m using 20mm 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, 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	2807.000	no	2041.00	5729087.00	Rupees Fifty Seven Lakh Twenty Nine Thousand Zero Eighty Seven Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	water meter and meter box and excluding charges for cutting the concrete / tarred / bituminous roads and as per the directions of the department officers					
3.016	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)	64.500	cum	8340.91	537988.70	Rupees Five Lakh Thirty Seven Thousand Nine Hundred Eighty Eight And Seventy Zero paise Only
4	Road Restoration Charges					
4.001	3.11 - Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	12820.000	cum	49.16	630231.20	Rupees Six Lakh Thirty Zero Thousand Two Hundred Thirty One And Twenty Zero paise Only
4.002	10.2 - Maintenance of Earthen Shoulder (filling with fresh soil) Making up the loss of material/ irregularities on the shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	4880.000	sqm	53.74	262251.20	Rupees Two Lakh Sixty Two Thousand Two Hundred Fifty One And Twenty Zero paise Only
4.003	4.2.A.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-III -For lower sub-base - Mix in Place Method	5930.000	cum	2283.00	13538190.00	Rupees One Crore Thirty Five Lakh Thirty Eight Thousand One Hundred Ninety Zero Only
4.004	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	1250.000	cum	2375.00	2968750.00	Rupees Twenty Nine Lakh Sixty Eight Thousand Seven Hundred Fifty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	roller to achieve the desired density.					
4.005	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.	900.000	sqm	73.49	66141.00	Rupees Sixty Six Thousand One Hundred Forty One Only
4.006	5.7.1 - Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) aggregates using viscosity grade bitumen (VG - 30) to the required line, grade, and level to serve as wearing course on a previously prepared base, including mixing in a suitable HMP of appropriate capacity not less than 75 tonnes/hour., laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to the required level and grade.	600.000	sqm	211.89	127134.00	Rupees One Lakh Twenty Seven Thousand One Hundred Thirty Four Only
4.007	5.8.a - Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder (VG 30) laid on the prepared surface and rolling with 8-10 tonne smooth wheeled steel roller. Grading I - 19 mm nominal chipping size	600.000	sqm	113.75	68250.00	Rupees Sixty Eight Thousand Two Hundred Fifty Zero Only
4.008	5.2.b - Providing and applying tack coat with bitumen emulsion (RS) using emulsion pressure distributor at the rate of 0.25 - 0.30 kg per sqm on the prepared Granular Surface cleaned with mechanical broom.	900.000	sqm	14.49	13041.00	Rupees Thirteen Thousand Zero Forty One Only
4.009	5.3.2.a - Providing and laying bituminous macadam 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 (VG 30), transported to the site, laid over a previously prepared surface with paver finisher to the required grade,	15.000	cum	8758.31	131374.65	Rupees One Lakh Thirty One Thousand Three Hundred Seventy Four And Sixty Five paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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)					
4.010	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.	300.000	sqm	11.95	3585.00	Rupees Three Thousand Five Hundred Eighty Five Only
4.011	5.6.1.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) @ 5.2 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 - I (19 mm nominal size)	9.000	cum	13072.20	117649.80	Rupees One Lakh Seventeen Thousand Six Hundred Forty Nine And Eighty Zero paise Only
4.012	12.8.B.1 - Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications
PCC Grade M20
	660.000	cum	8377.76	5529321.60	Rupees Fifty Five Lakh Twenty Nine Thousand Three Hundred Twenty One And Sixty Zero paise Only
4.013	12.4 - Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	1320.000	cum	6718.30	8868156.00	Rupees Eighty Eight Lakh Sixty Eight Thousand One Hundred Fifty Six Only
4.014	OD109487/2022-2023 - Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping	1500.000	sqm	120.37	180555.00	Rupees One Lakh Eighty Zero Thousand Five Hundred Fifty Five Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.					
4.015	OD109488/2022-2023 - Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost.)	1500.000	sqm	414.94	622410.00	Rupees Six Lakh Twenty Two Thousand Four Hundred Ten Only

The above work awarded to the contractor K O JOSE,ABKPI6257D, at his quoted rate for individual items at a total accepted PAC 279544168(Twenty Seven Crore Ninety Five Lakh Forty Four Thousand One Hundred and Sixty Eight Only) as per the condition of the contract.