

LETTER OF ACCEPTANCE

To,
Sri/Smt M/s.Strefa Projects Pvt. Ltd
PAN : AAXCS2372R

Your e-Tender No WRD/KWA-CE(SR)/TR/17384/2022_26_1_1/1 dated 26-04-2023 for the Jal Jeevan Mission (JJM)-JJM : RWSS to Vechoochira Pt:-Laying of pumping/Gravity Mains to Sumps/GLSR/OHSR, providing Distribution Lines and 3950 FHTCs (Vechoochira-1600 nos, Naranamoozhi-350 nos, Pazhavangadi-2000nos) including restoration works of PWD and LSGD Roads-Pipeline Work has been accepted for a quoted amount of Rs. 357737244/- (Rupees Thirty Five Crore Seventy Seven Lakh Thirty Seven Thousand Two Hundred and Forty Four only) based on rates quoted for individual items individual items individual items individual items 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(Public Health Division Pathanamthitta), Assistant Executive Engineer(P H Sub Division Ranni) and Assistant Engineer(Public Health Section Ranni). 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. 17886862/- (Rupees One Crore Seventy Eight Lakh Eighty Six Thousand Eight Hundred and Sixty Two 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. 175506/- (Rupees One Lakh Seventy Five Thousand Five Hundred and Six 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 **3 months 1 year** from the date of handing over the site.

11. Defect Liability period will be **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.

Manu B(G14658)
Superintending Engineer

ACCEPTED SCHEDULE

Name of Work: Jal Jeevan Mission (JJM)-JJM : RWSS to Vechoochira Pt:-Laying of pumping/Gravity Mains to Sumps/GLSR/OHSR, providing Distribution Lines and 3950 FHTCs (Vechoochira-1600 nos, Naranamoozhi-350 nos, Pazhavangadi-2000nos) including restoration works of PWD and LSGD Roads-Pipeline Work (DSR 2018 with Cost Index 137.29)

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1	Appendix-A-Working Charges(Pumping main, gravity main, conveyance main and distribution line)					
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.	62801.270	cum	509.00	31965846.43	Rupees Three Crore Nineteen Lakh Sixty Five Thousand Eight Hundred Forty Six And Forty Three 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.	19468.276	cum	739.00	14387055.96	Rupees One Crore Forty Three Lakh Eighty Seven Thousand Zero Fifty Five And Ninety Six paise 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	2967.783	cum	1228.00	3644437.52	Rupees Thirty Six Lakh Forty Four Thousand Four Hundred Thirty Seven And Fifty Two paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.004	100.1.13 - 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 Hard Rock where Blasting is Prohibited.	2405.705	cum	1426.00	3430535.33	Rupees Thirty Four Lakh Thirty Zero Thousand Five Hundred Thirty Five And Thirty Three paise Only
1.005	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 filled cement bags during blasting to avoid damages to nearby structures (200 Nos. of earth filled cement bags for 10m ³ of blasting)	593.557	cum	3594.00	2133243.86	Rupees Twenty One Lakh Thirty Three Thousand Two Hundred Forty Three And Eighty Six paise 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.	20000.000	metre	26.50	530000.00	Rupees Five Lakh Thirty Zero Thousand Zero Zero Only
1.007	OD187898/2022-2023 - Fabricating M.S flanges of diameter 80mm using 12mm thick M.S plate including cost and conveyance charges of MS plate all fabrication charges	80.000	no	814.00	65120.00	Rupees Sixty Five Thousand One Hundred Twenty Only
1.008	18.30.1 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:80 mm diameter pipe	40.000	no	182.00	7280.00	Rupees Seven Thousand Two Hundred Eighty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.009	OD187899/2022-2023 - In situ fabrication of MS pipes of size 80 mm (I.D)using 8 mm thick M.S plate including cost and conveyance charges of MS plate, all fabrication	30.000	metre	2936.00	88080.00	Rupees Eighty Eight Thousand Zero Eighty Zero Only
1.010	OD187900/2022-2023 - Cutting 80 mm (I.D) M.S /DI/GI pipes for making bends and other specials by gas cutting including cost of gas all labour and hire charges of tools	30.000	no	84.00	2520.00	Rupees Two Thousand Five Hundred Twenty Only
1.011	OD187901/2022-2023 - Grinding cut and weld edges of 80 mm (I.D) M.S/DI/GI pipes during fabrication work including all labour charges and hire charges of tools etc complete	30.000	no	60.00	1800.00	Rupees One Thousand Eight Hundred Zero Only
1.012	100.14.1 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 100mm diameter Ductile Iron Class K-9 Pipes.	40120.000	metre	54.00	2166480.00	Rupees Twenty One Lakh Sixty Six Thousand Four Hundred Eighty Zero Only
1.013	18.70.1 - 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:100 mm dia pipes	7573.000	joint	99.00	749727.00	Rupees Seven Lakh Forty Nine Thousand Seven Hundred Twenty Seven Only
1.014	100.37.5.1 - In situ fabrication of M.S. pipes of size 100mm (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.	120.000	metre	3671.00	440520.00	Rupees Four Lakh Forty Zero Thousand Five Hundred Twenty Only
1.015	100.35.1 - Testing 100mm DI/CI pipeline with potable water to the required test pressure 100 mm dia	40300.000	metre	22.00	886600.00	Rupees Eight Lakh Eighty Six Thousand Six Hundred Zero Only
1.016	100.37.5.2 - Fabricating M.S. flanges of diameter 100mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel	250.000	no	1017.00	254250.00	Rupees Two Lakh Fifty Four Thousand Two Hundred Fifty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.017	18.30.2 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:100 mm diameter pipe	150.000	no	285.00	42750.00	Rupees Forty Two Thousand Seven Hundred Fifty Zero Only
1.018	100.37.5.3 - Cutting 100mm (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.	300.000	no	105.00	31500.00	Rupees Thirty One Thousand Five Hundred Zero Only
1.019	100.37.5.5 - Grinding cut and weld edges of 100mm (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.	300.000	no	75.00	22500.00	Rupees Twenty Two Thousand Five Hundred Zero Only
1.020	100.37.5.4 - Welding 100mm (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.	400.000	no	397.00	158800.00	Rupees One Lakh Fifty Eight Thousand Eight Hundred Zero Only
1.021	OD187902/2022-2023 - Conveying and laying S&S centrifugally Cast (Spun)/Ductile iron pipes conforming to IS:8329 excluding cost of pipes and sepcials: 125 mm	1753.000	metre	68.00	119204.00	Rupees One Lakh Nineteen Thousand Two Hundred Four Only
1.022	OD187903/2022-2023 - Providing push-on joints to Centrifugally(Spun) Cast Iring pipes or Ductile iron pipes inclduing testing of joints and inclduing the cost of rubber gasket- 125 mm	358.000	no	123.00	44034.00	Rupees Forty Four Thousand Zero Thirty Four Only
1.023	OD187904/2022-2023 - In situ fabrication of M.S. pipes of size 125mm (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	60.000	metre	4106.00	246360.00	Rupees Two Lakh Forty Six Thousand Three Hundred Sixty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.					
1.024	OD187905/2022-2023 - Testing 125 mm DI/CI pipe line with potable water to the required test pressure 125 mm dia	1753.000	metre	34.00	59602.00	Rupees Fifty Nine Thousand Six Hundred Two Only
1.025	18.30.3 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:125 mm diameter pipe	30.000	no	300.00	9000.00	Rupees Nine Thousand Zero Zero Only
1.026	OD187906/2022-2023 - Fabricating MS flanges of diameter 125 mm using 12 mm thick MS plate including cost and conveyance charges of MS plate, all fabrication charges, charges of painting the steel work with two or more coat delux multi surface paint to give an even shade over an under coat primer etc.. completed	50.000	no	1176.00	58800.00	Rupees Fifty Eight Thousand Eight Hundred Zero Only
1.027	OD187907/2022-2023 - Grinding cut and weld edges of 125 mm (ID) MS pipes/125 mm GI pipe during fabrication work including all labour and hire charges of tools etc. complete: For pipes fabricated with 8mm thick MS plates.	60.000	no	90.00	5400.00	Rupees Five Thousand Four Hundred Zero Only
1.028	OD187908/2022-2023 - Welding 125mm (ID) MS pipes for making bends /125 DI pipe/125 mm GI pipe 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 MS plates.	60.000	no	483.00	28980.00	Rupees Twenty Eight Thousand Nine Hundred Eighty Zero Only
1.029	OD187909/2022-2023 - Cutting 125mm (ID) MS pipes for making bends and other specials/cutting 125 mm DI pipe/125 mm GI pipe by gas cutting including cost of gas, all labor and hire charges of tools etc. complete: For pipes fabricated with 8mm thick MS plates.	60.000	no	127.00	7620.00	Rupees Seven Thousand Six Hundred Twenty Only
1.030	100.14.2 - Conveying and laying S&S Centrifugally	2279.000	metre	81.00	184599.00	Rupees One Lakh Eighty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 150mm diameter Ductile Iron Class K-9 Pipes.					Four Thousand Five Hundred Ninety Nine Only
1.031	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	426.000	joint	161.00	68586.00	Rupees Sixty Eight Thousand Five Hundred Eighty Six Only
1.032	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.	80.000	metre	4542.00	363360.00	Rupees Three Lakh Sixty Three Thousand Three Hundred Sixty Zero Only
1.033	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	2259.000	metre	29.00	65511.00	Rupees Sixty Five Thousand Five Hundred Eleven Only
1.034	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.	100.000	no	1351.00	135100.00	Rupees One Lakh Thirty Five Thousand One Hundred Zero Only
1.035	18.30.4 - Providing flanged joints to double flanged C.I./ D.I pipes and specials, including testing of joints:150 mm diameter pipe	80.000	no	352.00	28160.00	Rupees Twenty Eight Thousand One Hundred Sixty Zero Only
1.036	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.	80.000	no	150.00	12000.00	Rupees Twelve Thousand Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.037	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.	120.000	no	107.00	12840.00	Rupees Twelve Thousand Eight Hundred Forty Zero Only
1.038	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.	80.000	no	569.00	45520.00	Rupees Forty Five Thousand Five Hundred Twenty Only
1.039	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.	10823.000	metre	112.00	1212176.00	Rupees Twelve Lakh Twelve Thousand One Hundred Seventy Six Only
1.040	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	2039.000	joint	237.00	483243.00	Rupees Four Lakh Eighty Three Thousand Two Hundred Forty Three Only
1.041	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.	100.000	metre	5411.00	541100.00	Rupees Five Lakh Forty One Thousand One Hundred Zero Only
1.042	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	10823.000	metre	37.00	400451.00	Rupees Four Lakh Zero Four Hundred Fifty One Only
1.043	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	200.000	no	1820.00	364000.00	Rupees Three Lakh Sixty Four 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.					
1.044	18.30.5 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:200 mm diameter pipe	100.000	no	383.00	38300.00	Rupees Thirty Eight Thousand Three Hundred Zero Only
1.045	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.	200.000	no	195.00	39000.00	Rupees Thirty Nine Thousand Zero Zero Only
1.046	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.	200.000	no	141.00	28200.00	Rupees Twenty Eight Thousand Two Hundred Zero Only
1.047	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.	200.000	no	740.00	148000.00	Rupees One Lakh Forty Eight Thousand Zero Zero Only
1.048	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.	9895.000	metre	149.00	1474355.00	Rupees Fourteen Lakh Seventy Four Thousand Three Hundred Fifty Five Only
1.049	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	1857.000	joint	289.00	536673.00	Rupees Five Lakh Thirty Six Thousand Six Hundred Seventy Three Only
1.050	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.,	120.000	metre	6287.00	754440.00	Rupees Seven Lakh Fifty Four Thousand Four Hundred Forty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	complete.					
1.051	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	9895.000	metre	47.00	465065.00	Rupees Four Lakh Sixty Five Thousand Zero Sixty Five Only
1.052	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.	80.000	no	2235.00	178800.00	Rupees One Lakh Seventy Eight Thousand Eight Hundred Zero Only
1.053	18.30.6 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:250 mm diameter pipe	50.000	no	523.00	26150.00	Rupees Twenty Six Thousand One Hundred Fifty Zero Only
1.054	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.	200.000	no	912.00	182400.00	Rupees One Lakh Eighty Two Thousand Four Hundred Zero Only
1.055	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.	250.000	no	171.00	42750.00	Rupees Forty Two Thousand Seven Hundred Fifty Zero Only
1.056	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.	200.000	no	240.00	48000.00	Rupees Forty Eight Thousand Zero Zero Only
1.057	100.14.5 - Conveying and laying S&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.	1891.000	metre	188.00	355508.00	Rupees Three Lakh Fifty Five Thousand Five Hundred Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.058	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	393.000	joint	378.00	148554.00	Rupees One Lakh Forty Eight Thousand Five Hundred Fifty Four Only
1.059	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.	60.000	metre	7068.00	424080.00	Rupees Four Lakh Twenty Four Thousand Zero Eighty Zero Only
1.060	100.35.5 - Testing 300mm DI/CI pipeline with potable water to the required test pressure. 300 mm dia Observed Data derived from item no.1023 of PHED DATA	1891.000	metre	51.00	96441.00	Rupees Ninety Six Thousand Four Hundred Forty One Only
1.061	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 give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.	60.000	no	2633.00	157980.00	Rupees One Lakh Fifty Seven Thousand Nine Hundred Eighty Zero Only
1.062	18.30.7 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:300 mm diameter pipe	50.000	no	530.00	26500.00	Rupees Twenty Six Thousand Five Hundred Zero Only
1.063	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.	70.000	no	286.00	20020.00	Rupees Twenty Thousand Zero Twenty Only
1.064	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	70.000	no	203.00	14210.00	Rupees Fourteen Thousand Two Hundred Ten Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	with 8mm thick M.S. plates.					
1.065	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.	60.000	no	1082.00	64920.00	Rupees Sixty Four Thousand Nine Hundred Twenty Only
1.066	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.	2920.000	metre	249.00	727080.00	Rupees Seven Lakh Twenty Seven Thousand Zero Eighty Zero Only
1.067	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	552.000	joint	401.00	221352.00	Rupees Two Lakh Twenty One Thousand Three Hundred Fifty Two Only
1.068	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.	120.000	metre	8029.00	963480.00	Rupees Nine Lakh Sixty Three Thousand Four Hundred Eighty Zero Only
1.069	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	2880.000	metre	63.00	181440.00	Rupees One Lakh Eighty One Thousand Four Hundred Forty Zero Only
1.070	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.	160.000	no	3213.00	514080.00	Rupees Five Lakh Fourteen Thousand Zero Eighty Zero Only
1.071	18.30.8 - Providing flanged	50.000	no	712.00	35600.00	Rupees Thirty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	joints to double flanged C.I./D.I pipes and specials, including testing of joints:350 mm diameter pipe					Five Thousand Six Hundred Zero Only
1.072	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., complete: For pipes fabricated with 8mm thick M.S. plates.	50.000	no	332.00	16600.00	Rupees Sixteen Thousand Six Hundred Zero Only
1.073	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.	60.000	no	235.00	14100.00	Rupees Fourteen Thousand One Hundred Zero Only
1.074	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.	80.000	no	1254.00	100320.00	Rupees One Lakh Zero Three Hundred Twenty Only
1.075	100.9.8 - 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): 90 mm nominal outside diameter pipes.	50000.000	metre	80.00	4000000.00	Rupees Forty Zero Lakh Zero Zero Zero Only
1.076	100.9.9 - 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): 110 mm nominal outside diameter pipes.	4240.000	metre	117.00	496080.00	Rupees Four Lakh Ninety Six Thousand Zero Eighty Zero Only
1.077	100.9.10 - Laying uPVC	7829.000	metre	153.00	1197837.00	Rupees Eleven

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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): 140 mm nominal outside diameter pipes.					Lakh Ninety Seven Thousand Eight Hundred Thirty Seven Only
1.078	100.9.11 - 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): 160 mm nominal outside diameter pipes.	5655.000	metre	185.00	1046175.00	Rupees Ten Lakh Forty Six Thousand One Hundred Seventy Five Only
1.079	OD187910/2022-2023 - Conveying and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. but excluding cost of pipes and fittings - External work.
65 mm dia nominal bore
	300.000	metre	85.00	25500.00	Rupees Twenty Five Thousand Five Hundred Zero Only
1.080	OD187911/2022-2023 - Welding the 65 mm GI pipe 4 runs at required portions including the cost of welding rods, hire for tools and plants conveyance of materials, all labor charges cutting and grinding the pipe and all incidental works etc complete	50.000	no	219.00	10950.00	Rupees Ten Thousand Nine Hundred Fifty Zero Only
1.081	OD187912/2022-2023 - Conveying and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. but excluding cost of pipes and fittings - External work.
80 mm dia nominal bore
	500.000	metre	85.00	42500.00	Rupees Forty Two Thousand Five Hundred Zero Only
1.082	OD187913/2022-2023 - Welding the 80 mm GI pipe 4 runs at required portions including the cost of welding	60.000	no	272.00	16320.00	Rupees Sixteen Thousand Three Hundred Twenty Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	rods, hire for tools and plants conveyance of materials, all labor charges cutting and grinding the pipe and all incidental works etc complete					
1.083	OD187914/2022-2023 - Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. but excluding cost of pipes and fittings - External work. r n
100 mm dia n o m i n a l b o r e r n
Observed	100.000	metre	109.00	10900.00	Rupees Ten Thousand Nine Hundred Zero Only
1.084	OD187915/2022-2023 - "Conveying and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. but excluding cost of pipes and fittings - External work.
125 mm dia n o m i n a l b o r e
Observed Data derived from item no.18.12 of DAR	120.000	metre	135.00	16200.00	Rupees Sixteen Thousand Two Hundred Zero Only
1.085	OD187916/2022-2023 - Conveying and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. but excluding cost of pipes and fittings - External work. r n
150 mm dia n o m i n a l o r e r n
Observed Data derived from item no.18.12 of DAR	60.000	metre	161.00	9660.00	Rupees Nine Thousand Six Hundred Sixty Zero Only
1.086	OD187917/2022-2023 - Welding the 80 mm GI pipe /MS pipe 4 runs at required portions inclding the cost of welding rods, hire for tools and plants conveyance of materials, all labour charges cutting and grinding the pipe and all incidental works etc complete	60.000	no	272.00	16320.00	Rupees Sixteen Thousand Three Hundred Twenty Only
1.087	OD187918/2022-2023 - Interconnection of existing branch lines 32mm to 110mm PVC/32 to 100mm dia GI/CI/DI, shifting street taps , water connections to the new lines including cost ASTM pipe , necessary trenching for exposing the existing line and labour charges etc complete	80.000	no	905.00	72400.00	Rupees Seventy Two Thousand Four Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.088	OD187919/2022-2023 - Interconnecting the newly laid 1250 to 500mm DI pipe each other at required portions / interconnecting the 125 mm to 250 mm dia various existing distribution line with newly laid line using tee including necessary trenching for exposing existing line and all incidental works etc but excluding the cost of pipes and specials as per the direction of departmental officers	50.000	no	1870.00	93500.00	Rupees Ninety Three Thousand Five Hundred Zero Only
1.089	OD187920/2022-2023 - Shifting existing water connections /interconnections of the existing branch lines ,street taps, to the new lines including cost saddle/nipple, bend and ASTM pipe required length as per the direction of departmental officer	750.000	no	756.00	567000.00	Rupees Five Lakh Sixty Seven Thousand Zero Zero Only
1.090	15.2.1 - Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	125.000	cum	1874.00	234250.00	Rupees Two Lakh Thirty Four Thousand Two Hundred Fifty Zero Only
1.091	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)	135.894	cum	7322.00	995015.87	Rupees Nine Lakh Ninety Five Thousand Zero Fifteen And Eighty Seven paise Only
1.092	4.3.1 - Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns	528.500	sqm	307.00	162249.50	Rupees One Lakh Sixty Two Thousand Two Hundred Forty Nine And Fifty Zero paise Only
1.093	OD187921/2022-2023 - Conveying and fixing 25 mm to 50 mm single/double orifice air valve as per the direction of departmental officers.	80.000	no	164.00	13120.00	Rupees Thirteen Thousand One Hundred Twenty Only
1.094	18.17.4 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality	35.000	each	937.00	32795.00	Rupees Thirty Two Thousand Seven Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	(screwed end) :50 mm nominal bore					Ninety Five Only
1.095	18.17.5 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :65 mm nominal bore	25.000	each	1605.00	40125.00	Rupees Forty Zero Thousand One Hundred Twenty Five Only
1.096	18.17.6 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :80 mm nominal bore	30.000	each	2391.00	71730.00	Rupees Seventy One Thousand Seven Hundred Thirty Zero Only
1.097	18.17.1 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	40.000	each	536.00	21440.00	Rupees Twenty One Thousand Four Hundred Forty Zero Only
1.098	18.17.3 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 mm nominal bore	30.000	each	732.00	21960.00	Rupees Twenty One Thousand Nine Hundred Sixty Zero Only
1.099	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.	90.000	no	572.00	51480.00	Rupees Fifty One Thousand Four Hundred Eighty Zero Only
1.100	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.	80.000	no	877.00	70160.00	Rupees Seventy Zero Thousand One Hundred Sixty Zero Only
1.101	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.	40.000	no	971.00	38840.00	Rupees Thirty Eight Thousand Eight Hundred Forty Zero Only
1.102	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.	45.000	no	1175.00	52875.00	Rupees Fifty Two Thousand Eight Hundred Seventy Five Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.103	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.	10.000	no	1584.00	15840.00	Rupees Fifteen Thousand Eight Hundred Forty Zero Only
1.104	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.	6.000	no	2295.00	13770.00	Rupees Thirteen Thousand Seven Hundred Seventy Zero Only
1.105	100.31.2.7 - 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): 300mm diameter, Class II.	5.000	no	2708.00	13540.00	Rupees Thirteen Thousand Five Hundred Forty Zero Only
1.106	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.	4.000	no	3640.00	14560.00	Rupees Fourteen Thousand Five Hundred Sixty Zero Only
1.107	OD187923/2022-2023 - Providing and Fixing zero velocity valve with by pass arrangement and ape IS specification all necessary specials etc complete 350 mm Line	1.000	no	157673.00	157673.00	Rupees One Lakh Fifty Seven Thousand Six Hundred Seventy Three Only
1.108	OD187925/2022-2023 - Providing and Fixing zero velocity valve with by pass arrangement and ape IS specification all necessary specials etc complete 150 mm Line	1.000	no	94604.00	94604.00	Rupees Ninety Four Thousand Six Hundred Four Only
1.109	OD187926/2022-2023 - Providing and Fixing zero velocity valve with by pass arrangement and ape IS specification all necessary specials etc complete 200 mm Line with IS specifications	1.000	no	105115.00	105115.00	Rupees One Lakh Five Thousand One Hundred Fifteen Only
2	Appendix-2-Supply of materials					

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.001	100.98.236 - Supply of PVC Pipe, 10kg/cm2, 90mm Dia.	50000.000	metre	402.00	20100000.00	Rupees Two Crore One Lakh Zero Zero Zero Only
2.002	100.98.237 - Supply of PVC Pipe, 10kg/cm2, 110mm Dia.	4240.000	metre	606.00	2569440.00	Rupees Twenty Five Lakh Sixty Nine Thousand Four Hundred Forty Zero Only
2.003	100.98.238 - Supply PVC Pipe, 10kg/cm2, 140mm Dia.	7829.000	metre	976.00	7641104.00	Rupees Seventy Six Lakh Forty One Thousand One Hundred Four Only
2.004	100.98.239 - Supply of PVC Pipe, 10kg/cm2, 160mm Dia.	5655.000	metre	1286.00	7272330.00	Rupees Seventy Two Lakh Seventy Two Thousand Three Hundred Thirty Zero Only
2.005	OD187927/2022-2023 - Supplying 65 mm GI pipe(m)	300.000	metre	712.00	213600.00	Rupees Two Lakh Thirteen Thousand Six Hundred Zero Only
2.006	OD187928/2022-2023 - (1552)Supplying 80 mm GI pipe(m)	500.000	metre	911.00	455500.00	Rupees Four Lakh Fifty Five Thousand Five Hundred Zero Only
2.007	OD187929/2022-2023 - Supplying 100 mm GI pipe(m)	100.000	metre	1516.00	151600.00	Rupees One Lakh Fifty One Thousand Six Hundred Zero Only
2.008	OD187930/2022-2023 - Supplying 125 mm GI pipe(m)	120.000	metre	1750.00	210000.00	Rupees Two Lakh Ten Thousand Zero Zero Only
2.009	OD187931/2022-2023 - Supplying 150 mm GI pipe(m)	60.000	metre	2141.00	128460.00	Rupees One Lakh Twenty Eight Thousand Four Hundred Sixty Zero Only
2.010	OD187932/2022-2023 - Cost of PVC specials (Bends, Tee, coupler, Tailpiece, end caps etc, CIR/CID joint joints ,reducer ,adopter ,PVC valves)3% cost of pipe	33301560.050	L.S	0.03	999046.80	Rupees Nine Lakh Ninety Nine Thousand Zero Forty Six And Eighty Zero paise Only
2.011	OD187933/2022-2023 - Cost of GI specials (Bends, Tee, coupler, Tailpiece, end caps etc)5% cost of pipe.	1025037.800	L.S	0.05	51251.89	Rupees Fifty One Thousand Two Hundred Fifty One And Eighty Nine paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.012	100.98.115 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 100mm Dia.	40000.000	metre	1580.00	63200000.00	Rupees Six Crore Thirty Two Lakh Zero Zero Zero Only
2.013	OD187934/2022-2023 - Supply of DI K9 pipe conforming to IS 8329/2000, 125 mm Dia	1693.000	metre	1926.00	3260718.00	Rupees Thirty Two Lakh Sixty Zero Thousand Seven Hundred Eighteen Only
2.014	100.98.116 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 150mm Dia.	2679.000	metre	2243.00	6008997.00	Rupees Sixty Zero Lakh Eight Thousand Nine Hundred Ninety Seven Only
2.015	100.98.117 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 200mm Dia.	10663.000	metre	3010.00	32095630.00	Rupees Three Crore Twenty Lakh Ninety Five Thousand Six Hundred Thirty Zero Only
2.016	100.98.118 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 250mm Dia.	9775.000	metre	4138.00	40448950.00	Rupees Four Crore Four Lakh Forty Eight Thousand Nine Hundred Fifty Zero Only
2.017	100.98.119 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 300mm Dia.	1831.000	metre	5095.00	9328945.00	Rupees Ninety Three Lakh Twenty Eight Thousand Nine Hundred Forty Five Only
2.018	100.98.120 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 350mm Dia.	2760.000	metre	6202.00	17117520.00	Rupees One Crore Seventy One Lakh Seventeen Thousand Five Hundred Twenty Only
2.019	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	100.000	quintal	18438.00	1843800.00	Rupees Eighteen Lakh Forty Three Thousand Eight Hundred Zero Only
2.020	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	25.000	quintal	19376.00	484400.00	Rupees Four Lakh Eighty Four Thousand Four Hundred Zero Only
2.021	100.98.440 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.	35.000	no	5101.00	178535.00	Rupees One Lakh Seventy Eight Thousand Five Hundred Thirty Five Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.022	100.98.445 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Double Orifice Type DS2, Size 40mm.	20.000	no	6289.00	125780.00	Rupees One Lakh Twenty Five Thousand Seven Hundred Eighty Zero Only
2.023	100.98.446 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Double Orifice Type DS2, Size 50mm.	25.000	no	7192.00	179800.00	Rupees One Lakh Seventy Nine Thousand Eight Hundred Zero Only
2.024	100.98.505 - Supply of CI Plain End Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 80mm.	30.000	no	2933.00	87990.00	Rupees Eighty Seven Thousand Nine Hundred Ninety Zero Only
2.025	100.98.506 - Supply of CI Plain End Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 100mm.	20.000	no	4163.00	83260.00	Rupees Eighty Three Thousand Two Hundred Sixty Zero Only
2.026	100.98.507 - Supply of CI Plain End Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 125mm.	5.000	no	4941.00	24705.00	Rupees Twenty Four Thousand Seven Hundred Five Only
2.027	100.98.508 - Supply of CI Plain End Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 150mm.	5.000	no	6094.00	30470.00	Rupees Thirty Zero Thousand Four Hundred Seventy Zero Only
2.028	100.98.457 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 80mm.	60.000	no	5994.00	359640.00	Rupees Three Lakh Fifty Nine Thousand Six Hundred Forty Zero Only
2.029	100.98.482 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 100mm.	40.000	no	8376.00	335040.00	Rupees Three Lakh Thirty Five Thousand Zero Forty Zero Only
2.030	100.98.483 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 125mm.	35.000	no	10364.00	362740.00	Rupees Three Lakh Sixty Two Thousand Seven Hundred Forty Zero Only
2.031	100.98.484 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 150mm.	40.000	no	12536.00	501440.00	Rupees Five Lakh One Thousand Four Hundred Forty Zero Only
2.032	100.98.485 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 200mm.	10.000	no	22171.00	221710.00	Rupees Two Lakh Twenty One Thousand Seven Hundred Ten Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.033	100.98.486 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 250mm.	6.000	no	31767.00	190602.00	Rupees One Lakh Ninety Zero Thousand Six Hundred Two Only
2.034	100.98.487 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 300mm.	5.000	no	31767.00	158835.00	Rupees One Lakh Fifty Eight Thousand Eight Hundred Thirty Five Only
2.035	100.98.488 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 350mm.	4.000	no	39858.00	159432.00	Rupees One Lakh Fifty Nine Thousand Four Hundred Thirty Two Only
3	Appendix-C-Construction of R.C.C. Valve chambers					
3.001	2.6.1 - Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	345.000	cum	196.00	67620.00	Rupees Sixty Seven Thousand Six Hundred Twenty Only
3.002	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.	1105.320	sqm	657.00	726195.24	Rupees Seven Lakh Twenty Six Thousand One Hundred Ninety Five And Twenty Four paise Only
3.003	5.2.2 - Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	127.989	cum	10037.00	1284625.59	Rupees Twelve Lakh Eighty Four Thousand Six Hundred Twenty Five And Fifty Nine paise Only
3.004	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	7679.340	kilogram	90.00	691140.60	Rupees Six Lakh Ninety One Thousand One Hundred One Zero And Sixty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	grade Fe-500D or more					
3.005	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)	24.960	cum	6608.00	164935.68	Rupees One Lakh Sixty Four Thousand Nine Hundred Thirty Five And Sixty Eight paise Only
4	Appendix-D : Providing 3950 FHTCs at various wards in Vechoochira, Naranamoozhi & Pazhavangadi.(Vechoochira-1600nos, Naranamoozhi-350nos, Pazhavangadi-2000nos)					
4.001	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.	1580.000	no	5384.00	8506720.00	Rupees Eighty Five Lakh Six Thousand Seven Hundred Twenty Only
4.002	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	197.000	no	5564.00	1096108.00	Rupees Ten Lakh Ninety Six Thousand One Hundred Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
4.003	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 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	396.000	no	5486.00	2172456.00	Rupees Twenty One Lakh Seventy Two Thousand Four Hundred Fifty Six Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
4.004	100.60.1.7.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing CI mains up to 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 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.	1580.000	no	6420.00	10143600.00	Rupees One Crore One Lakh Forty Three Thousand Six Hundred Zero Only
4.005	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 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,	197.000	no	6686.00	1317142.00	Rupees Thirteen Lakh Seventeen Thousand One Hundred Forty Two Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
4.006	100.60.10.4.1 - Providing 20mm (1/2 inch) PVC Air Valve in the water meter assembly for 15 mm connection, using 20mm Indian Standard Class 6 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.	2050.000	no	341.00	699050.00	Rupees Six Lakh Ninety Nine Thousand Zero Fifty Zero Only
4.007	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.	3950.000	no	532.00	2101400.00	Rupees Twenty One Lakh One Thousand Four Hundred Zero Only
4.008	OD188575/2022-2023 - Providing vertical stand post using 63 mm PVC pipe for FHTC's including cutting, filling, available earth/sand and fixing position etc including necessary earth work excavation for fixing	3950.000	no	128.00	505600.00	Rupees Five Lakh Five Thousand Six Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	stand post etc as per direction					
4.009	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	25000.000	metre	162.00	4050000.00	Rupees Forty Zero Lakh Fifty Zero Thousand Zero Zero Only
4.010	OD256971/2022-2023 - Providing additional length of house connection pipe using 20mm Indian Standard Class 6 uPVC pipe and specials and testing the joints etc., , 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	15000.000	metre	47.00	705000.00	Rupees Seven Lakh Five Thousand Zero Zero Only
4.011	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	1000.000	metre	28.00	28000.00	Rupees Twenty Eight Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	carrying out the excavation.					
4.012	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)	20.000	cum	7322.00	146440.00	Rupees One Lakh Forty Six Thousand Four Hundred Forty Zero Only
5	Road restoration for concrete roads					
5.001	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)	400.000	cum	6607.00	2642800.00	Rupees Twenty Six Lakh Forty Two Thousand Eight Hundred Zero Only
5.002	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)	200.000	cum	7322.00	1464400.00	Rupees Fourteen Lakh Sixty Four Thousand Four Hundred Zero Only
6	Road restoration - Paving concrete inter lock					
6.001	16.68 - Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required 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.	200.000	sqm	926.00	185200.00	Rupees One Lakh Eighty Five Thousand Two Hundred Zero Only
6.002	16.84 - 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.)	500.000	sqm	349.00	174500.00	Rupees One Lakh Seventy Four Thousand Five Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
7	PWD BM & BC road restoration					
7.001	3.15 - Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead upto 1000 metres by Mechanical Means	2600.000	sqm	5.50	14300.00	Rupees Fourteen Thousand Three Hundred Zero Only
7.002	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	585.000	cum	2888.00	1689480.00	Rupees Sixteen Lakh Eighty Nine Thousand Four Hundred Eighty Zero Only
7.003	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.	585.000	cum	2968.00	1736280.00	Rupees Seventeen Lakh Thirty Six Thousand Two Hundred Eighty Zero Only
7.004	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.	6500.000	sqm	55.00	357500.00	Rupees Three Lakh Fifty Seven Thousand Five Hundred Zero Only
7.005	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.	10400.000	sqm	11.00	114400.00	Rupees One Lakh Fourteen Thousand Four Hundred Zero Only
7.006	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	195.000	cum	7564.00	1474980.00	Rupees Fourteen Lakh Seventy Four Thousand Nine Hundred Eighty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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)					
7.007	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)	195.000	cum	11558.00	2253810.00	Rupees Twenty Two Lakh Fifty Three Thousand Eight Hundred Ten Only
7.008	8.11.2 - Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control Up to 10 cm in width	650.000	sqm	185.00	120250.00	Rupees One Lakh Twenty Thousand Two Hundred Fifty Zero Only
7.009	8.13 - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads on Bituminous Surface @ 250 gms per sqm area, the thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform, and free from streaks and holes.	100.000	sqm	461.00	46100.00	Rupees Forty Six Thousand One Hundred Zero Only
8	ROAD RESTORATION WORKS- PWD - CHIPPING CARPET SURFACE ROADS					
8.001	4.1.A.2 - Construction of granular sub-base by	585.000	cum	3057.00	1788345.00	Rupees Seventeen Lakh

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	providing graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with a motor grader on the prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-II - Plant Mix Method					Eighty Eight Thousand Three Hundred Forty Five Only
8.002	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.	585.000	cum	2968.00	1736280.00	Rupees Seventeen Lakh Thirty Six Thousand Two Hundred Eighty Zero Only
8.003	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.	3900.000	sqm	56.00	218400.00	Rupees Two Lakh Eighteen Thousand Four Hundred Zero Only
8.004	3.15 - Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead upto 1000 metres by Mechanical Means	2600.000	sqm	5.50	14300.00	Rupees Fourteen Thousand Three Hundred Zero Only
8.005	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.	6500.000	sqm	10.50	68250.00	Rupees Sixty Eight Thousand Two Hundred Fifty Zero Only
8.006	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	6500.000	sqm	181.00	1176500.00	Rupees Eleven Lakh Seventy Six Thousand Five Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
8.007	5.10.2.a - Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 75 tonnes/ hours using crushed stone chipping 6.7 mm size and bitumen (VG-30) 6.8 kg per 10 sqm	6500.000	sqm	52.50	341250.00	Rupees Three Lakh Forty One Thousand Two Hundred Fifty Zero Only
9	Restoration of panchayat road					
9.001	4.1.A.2 - Granular Sub-base with Well Graded Material (Table 400.1) (A) By Mix in Place Method Construction of granular sub-base by 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. (ii) For Grading II Material	720.000	cum	2749.00	1979280.00	Rupees Nineteen Lakh Seventy Nine Thousand Two Hundred Eighty Zero Only
9.002	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 & 400.12 and Technical Specification Clause 406. By Mechanical Means with 1 km lead	720.000	cum	3038.00	2187360.00	Rupees Twenty One Lakh Eighty Seven Thousand Three Hundred Sixty Zero Only
9.003	5.1.1a - Prime Coat :- Low	4800.000	sqm	70.00	336000.00	Rupees Three

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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					Lakh Thirty Six Thousand Zero Zero Only
9.004	5.2.2a - 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 dry and hungry bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503.	8000.000	sqm	15.00	120000.00	Rupees One Lakh Twenty Thousand Zero Zero Only
9.005	5.11.1.A.2a - Mix Seal Surfacing - Manual Means - Type A - Bitumen S-65 Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen 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 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509 By Manual Means :- Type A (II) Bitumen (S-65)	4800.000	sqm	233.00	1118400.00	Rupees Eleven Lakh Eighteen Thousand Four Hundred Zero Only

The above work awarded to the contractor Strefa Projects Pvt. Ltd, AAXCS2372R, at his quoted rate for individual items at a total accepted PAC 357737244(Thirty Five Crore Seventy Seven Lakh Thirty Seven Thousand Two Hundred and Forty Four Only) as per the condition of the contract.