

LETTER OF ACCEPTANCE

To,

Sri/Smt M/s.Sivaprasad B

PAN : AIJPB6395C

Your e-Tender No WRD/KWA-CE(SR)/TR/1091/2022_26_1_1/1 dated 06-02-2023 for the AMRUT-AMRUT- 2.0 RETROFIT AND PROVIDING NEW WATER CONNECTION AT SAKTHIKULANGARA AND THRIKKADAVOOR AREA UNDER KOLLAM CORPORATION-AMRUT- 2.0 RETROFIT AND PROVIDING NEW WATER CONNECTION AT SAKTHIKULANGARA AND THRIKKADAVOOR AREAS UNDER KOLLAM CORPORATION -Pipeline Work has been accepted for a quoted amount of **Rs. 41636955/-**

(Rupees Four Crore Sixteen Lakh Thirty Six Thousand Nine Hundred and Fifty Five only) based on rates quoted for individual items individual items individual items individual items individual items individual items which is mentioned in

the accompanying schedule. You are directed to submit the stamp GRN ID/Stamp paper, Performance Guarantee and Additional Performance Guarantee as mentioned below and execute an agreement and start the work within a week after getting necessary instructions from the Executive Engineer(Public health Division Kollam), Assistant Executive Engineer(Water Supply Subdivision Kollam) and Assistant Engineer(Water Supply Section 2 Kollam). The time allowed for executing agreement without fine will be **14 (Fourteen)** 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. 41640/- (Forty One Thousand Six Hundred and Forty 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. 1249109/- (Rupees Twelve Lakh Forty Nine Thousand One Hundred and Nine only)** and should be submitted within **14 (Fourteen)** 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. 1624154/- (Rupees Sixteen Lakh Twenty Four Thousand One Hundred and Fifty 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. **208185 /- (Rupees Two Lakh Eight Thousand One Hundred and Eighty Five 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 3 years experience), Site Engineer - 2 nos (1 no for supervision and 1 no for Quality Control) (Civil Engineering graduate with minimum 1 year experience), Supervisor - 2 nos (Civil Engineering Diploma holder with minimum 1 year experience) and Supervisor(Mechanical) (if required) - 1 no (Mechanical Engineering Diploma holder with minimum 1 year experience).

8. The Contractor shall enter into a Contract Agreement with the Agreement Authority within 14 Fourteen 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.

Beena S(G10560)
Superintending Engineer

ACCEPTED SCHEDULE

Name of Work: AMRUT-AMRUT- 2.0 RETROFIT AND PROVIDING NEW WATER CONNECTION AT SAKTHIKULANGARA AND THRIKKADAVOOR AREA UNDER KOLLAM CORPORATION-AMRUT- 2.0 RETROFIT AND PROVIDING NEW WATER CONNECTION AT SAKTHIKULANGARA AND THRIKKADAVOOR AREAS UNDER KOLLAM CORPORATION -Pipeline Work (DSR 2018 with Cost Index 138.14)

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1	Domestic water connection					
1.001	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)	317.800	cum	1883.00	598417.40	Rupees Five Lakh Ninety Eight Thousand Four Hundred Seventeen And Forty Zero paise Only
1.002	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.	317.800	cum	200.00	63560.00	Rupees Sixty Three Thousand Five Hundred Sixty Zero Only
1.003	16.83 - Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	3178.000	sqm	100.00	317800.00	Rupees Three Lakh Seventeen Thousand Eight Hundred Zero Only
1.004	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,	970.000	no	5650.00	5480500.00	Rupees Fifty Four Lakh Eighty Zero Thousand Five Hundred Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.005	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 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	970.000	no	5400.00	5238000.00	Rupees Fifty Two Lakh Thirty Eight Thousand Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.					
1.006	100.60.2.1.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing PVC / HDPE mains from 140mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, PVC Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. 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.	360.000	no	5750.00	2070000.00	Rupees Twenty Lakh Seventy Zero Thousand Zero Zero Only
1.007	100.60.2.4.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing AC / GI mains from 150mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, GI / MS / SS Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including	150.000	no	5750.00	862500.00	Rupees Eight Lakh Sixty Two Thousand Five Hundred Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.008	OD34819/2022-2023 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing AC/ DI mains above 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers 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	70.000	no	7000.00	490000.00	Rupees Four Lakh Ninety Zero Thousand Zero Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	departmental officers.					
1.009	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	45000.000	metre	150.00	6750000.00	Rupees Sixty Seven Lakh Fifty Zero Thousand Zero Zero Only
1.010	100.60.10.6.1 - Providing 20mm (1/2 inch) PVC Air Valve in the water meter assembly for 20mm connection, using 25mm 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.	950.000	no	330.00	313500.00	Rupees Three Lakh Thirteen Thousand Five Hundred Zero Only
1.011	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.	2520.000	no	490.00	1234800.00	Rupees Twelve Lakh Thirty Four Thousand Eight Hundred Zero Only
1.012	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)	608.600	cum	7000.00	4260200.00	Rupees Forty Two Lakh Sixty Zero Thousand Two Hundred Zero Only
1.013	16.84 - Laying old cement concrete interlocking paver	3478.000	sqm	300.00	1043400.00	Rupees Ten Lakh Forty

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	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.)					Three Thousand Four Hundred Zero Only
2	Pipe laying					
2.001	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	1883.00	235375.00	Rupees Two Lakh Thirty Five Thousand Three Hundred Seventy Five Only
2.002	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.	110.000	cum	300.00	33000.00	Rupees Thirty Three Thousand Zero Zero Only
2.003	16.83 - Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	1250.000	sqm	90.00	112500.00	Rupees One Lakh Twelve Thousand Five Hundred Zero Only
2.004	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.	5970.000	cum	545.00	3253650.00	Rupees Thirty Two Lakh Fifty Three Thousand Six Hundred Fifty Zero Only
2.005	100.8.1 - Fencing one side of trenches, 1.50m height with	4700.000	metre	10.00	47000.00	Rupees Forty Seven

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	two rows of 10cm plastic caution tape in vertical casuarina pole (girth 15cm to 24cm) fixed at 2m intervals.					Thousand Zero Zero Only
2.006	2.16.1 - Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete (Measurements to be taken of the face area timbered).Depth not exceeding 1.5m	300.000	sqm	100.00	30000.00	Rupees Thirty Zero Thousand Zero Zero Only
2.007	100.9.5 - Laying uPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipeline to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipeline with water to the required test pressure (excluding cost of pipes and specials): 50 mm nominal outside diameter pipes.	1800.000	metre	43.50	78300.00	Rupees Seventy Eight Thousand Three Hundred Zero Only
2.008	100.9.6 - Laying uPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipeline to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipeline with water to the required test pressure (excluding cost of pipes and specials): 63 mm nominal outside diameter pipes.	3000.000	metre	60.00	180000.00	Rupees One Lakh Eighty Zero Thousand Zero Zero Only
2.009	100.9.7 - 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): 75 mm nominal outside diameter pipes.	2000.000	metre	60.00	120000.00	Rupees One Lakh Twenty Thousand Zero Zero Only
2.010	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	4000.000	metre	60.00	240000.00	Rupees Two Lakh Forty Zero Thousand Zero Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
2.011	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.	1500.000	metre	80.00	120000.00	Rupees One Lakh Twenty Thousand Zero Zero Only
2.012	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.	200.000	metre	100.00	20000.00	Rupees Twenty Thousand Zero Zero Only
2.013	OD10435/2022-2023 - Interconnection of newly laid 50/63/75/90 mm UPVC pipe line and the existing nearest PVC/AC pipe line including earthwork excavation in ordinary soil or exposing the pipe and cutting the existing line and inserting Tee and fixing reducer with the help of solvent cement and CID joint ,necessary protection work including bailing out water ,back filling the trenches and	50.000	no	2200.00	110000.00	Rupees One Lakh Ten Thousand Zero Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	controlling the valve ,including cost of all materials ,labour charges and conveyance etc complete as per the direction of departmental officers					
2.014	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.	10.000	no	500.00	5000.00	Rupees Five Thousand Zero Zero Only
2.015	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.	5.000	no	800.00	4000.00	Rupees Four Thousand Zero Zero Only
2.016	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, Class I.	3.000	no	1000.00	3000.00	Rupees Three Thousand Zero Zero Only
2.017	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.	3.000	no	100.00	300.00	Rupees Three Hundred Zero Only
2.018	100.60.19.3 - Replacing the chocked / damaged 20mm (3/4 inch) house connection with 15mm meter from existing mains, up to a length of 5m 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	58.000	no	6700.00	388600.00	Rupees Three Lakh Eighty Eight Thousand Six Hundred Zero Only

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	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 but excluding cost of water meter and meter box and excluding charges for cutting the concrete / tarred / bituminous roads and as per the directions of the department officers.					
2.019	100.98.135 - Supply of HDPE Pipe PE 100 (IS 4984/1995), 8kg, 110mm Outer Dia.	200.000	metre	300.00	60000.00	Rupees Sixty Zero Thousand Zero Zero Only
2.020	100.98.214 - Supply of PVC Pipe, 6kg/cm2, 110mm Dia.	1500.000	metre	300.00	450000.00	Rupees Four Lakh Fifty Zero Thousand Zero Zero Only
2.021	100.98.445 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Double Orifice Type DS2, Size 40mm.	3.000	no	4000.00	12000.00	Rupees Twelve Thousand Zero Zero Only
2.022	100.98.457 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 80mm.	10.000	no	5000.00	50000.00	Rupees Fifty Zero Thousand Zero Zero Only
2.023	100.98.458 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 100mm.	5.000	no	7500.00	37500.00	Rupees Thirty Seven Thousand Five Hundred Zero Only
2.024	100.98.460 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 150mm.	3.000	no	12500.00	37500.00	Rupees Thirty Seven Thousand Five Hundred Zero Only
2.025	100.98.210 - Supply of PVC Pipe, 6kg/cm2, 50mm Dia.	1800.000	metre	65.00	117000.00	Rupees One Lakh Seventeen Thousand Zero Zero Only
2.026	100.98.211 - Supply of PVC Pipe, 6kg/cm2, 63mm Dia.	3000.000	metre	110.00	330000.00	Rupees Three Lakh Thirty Zero Thousand Zero Zero Only
2.027	100.98.212 - Supply of PVC Pipe, 6kg/cm2, 75mm Dia.	2000.000	metre	150.00	300000.00	Rupees Three Lakh Zero Zero Zero Only
2.028	100.98.213 - Supply of PVC	4000.000	metre	215.00	860000.00	Rupees Eight

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	Pipe, 6kg/cm ² , 90mm Dia.					Lakh Sixty Zero Thousand Zero Zero Only
2.029	OD28406/2022-2023 - Cost of PVC specials (Bends, Tee, coupler, Tailpiece, end caps etc)3% cost of pipe.	1.000	L.S	14518.75	14518.75	Rupees Fourteen Thousand Five Hundred Eighteen And Seventy Five paise Only
2.030	OD202533/2022-2023 - Cost of HDPE specials (Bends, Tee, coupler, Tailpiece, end caps etc)2% cost of pipe.	1280.000	L.S	1.00	1280.00	Rupees One Thousand Two Hundred Eighty Zero Only
2.031	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	7100.00	1420000.00	Rupees Fourteen Lakh Twenty Thousand Zero Zero Only
2.032	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.)	1250.000	sqm	300.00	375000.00	Rupees Three Lakh Seventy Five Thousand Zero Zero Only
3	Construction of valve chamber					
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	30.202	cum	200.00	6040.40	Rupees Six Thousand Zero Forty Zero And Forty Zero paise Only
3.002	4.1.5 - 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	2.278	cum	7000.00	15946.00	Rupees Fifteen Thousand Nine Hundred Forty Six Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	aggregate 20 mm nominal size)					
3.003	5.1.3 - 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:1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	15.884	cum	8000.00	127072.00	Rupees One Lakh Twenty Seven Thousand Zero Seventy Two Only
3.004	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.	160.750	sqm	660.00	106095.00	Rupees One Lakh Six Thousand Zero Ninety Five Only
3.005	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	1300.000	kilogram	92.00	119600.00	Rupees One Lakh Nineteen Thousand Six Hundred Zero Only
3.006	13.1.2 - 12 mm cement plaster of mix:1:6 (1 cement : 6 fine sand).	76.270	sqm	290.00	22118.30	Rupees Twenty Two Thousand One Hundred Eighteen And Thirty Zero paise Only
3.007	OD202526/2022-2023 - Supplying and fixing C.I man hole cover with frame for manholes:560 mm diameter (heavy duty) the weight to be not less than 208 kg.	13.000	no	14000.00	182000.00	Rupees One Lakh Eighty Two Thousand Zero Zero Only
4	Road restoration -BMBC road					
4.001	12.1.B.1 - Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.
 Ordinary Soil - Depth upto 3m - Mechanical Means
	42.480	cum	70.00	2973.60	Rupees Two Thousand Nine Hundred Seventy Three And Sixty Zero paise Only
4.002	OD191703/2022-2023 - Supply, stacking, spreading and consolidating of Red earth in the trench of pipe line	159.300	cum	270.00	43011.00	Rupees Forty Three Thousand Zero Eleven Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	for cushion including carriage, loading, unloading & stacking up to any lead.					
4.003	4.2.A.2 - 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-IV - For lower sub-base - Mix in Place Method	79.650	cum	3000.00	238950.00	Rupees Two Lakh Thirty Eight Thousand Nine Hundred Fifty 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 roller to achieve the desired density.	79.650	cum	3000.00	238950.00	Rupees Two Lakh Thirty Eight Thousand Nine Hundred Fifty Zero Only
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.	531.000	sqm	68.00	36108.00	Rupees Thirty Six Thousand One Hundred Eight Only
4.006	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.	845.000	sqm	10.00	8450.00	Rupees Eight Thousand Four Hundred Fifty Zero Only
4.007	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	42.250	cum	8100.00	342225.00	Rupees Three Lakh Forty Two Thousand Two Hundred Twenty Five Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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)					
4.008	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)	25.350	cum	12900.00	327015.00	Rupees Three Lakh Twenty Seven Thousand Zero Fifteen Only
4.009	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.	150.000	sqm	480.00	72000.00	Rupees Seventy Two Thousand Zero Zero Only
5	Road restoration -Carpet road					
5.001	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	800.000	sqm	5.00	4000.00	Rupees Four Thousand Zero Zero Only
5.002	4.1.A.1 - Construction of granular sub-base by 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	150.000	cum	3000.00	450000.00	Rupees Four Lakh Fifty Zero Thousand Zero Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-I - Plant Mix Method					
5.003	4.12 - Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	150.000	cum	3000.00	450000.00	Rupees Four Lakh Fifty Zero Thousand Zero Zero Only
5.004	5.1.a - Providing and applying primer coat with bitumen emulsion (SS) on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means.	1000.000	sqm	68.00	68000.00	Rupees Sixty Eight Thousand Zero Zero Only
5.005	5.2.a - Providing and applying tack coat with bitumen emulsion(RS) using emulsion pressure distributor at the rate of 0.20 - 0.30 kg per sqm on the prepared bituminous surface cleaned with mechanical broom.	1800.000	sqm	10.00	18000.00	Rupees Eighteen Thousand Zero Zero Only
5.006	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 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)	42.000	cum	8100.00	340200.00	Rupees Three Lakh Forty Zero Thousand Two Hundred Zero Only
5.007	5.6.2.a.1 - Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output of 75 tonnes per hour	50.000	cum	13000.00	650000.00	Rupees Six Lakh Fifty Zero Thousand Zero Zero Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	using crushed aggregates of specified grading, premixed with a bituminous binder(NRMB) @ 5.4 percent of mix and filler with Anti stripping additive material 1.0 kg per 1 tonne of bitumen, 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 Grading - II (13.2 mm Nominal Size)					

The above work awarded to the contractor Sivaprasad B,AIJPB6395C, at his quoted rate for individual items at a total accepted PAC 41636955(Four Crore Sixteen Lakh Thirty Six Thousand Nine Hundred and Fifty Five Only) as per the condition of the contract.