

LETTER OF ACCEPTANCE

To,
Sri/Smt M/s.A M UBAIDULLA
PAN : AAMPU6233H

Your e-Tender No WRD/KWA-CE(CR)/TR/14925/2022_26_1_1/1 dated 09-06-2023 for the Jal Jeevan Mission (JJM)-RWSS to Karukutty & Mookkannoor -Multi Village Scheme - Extension of Pipe Line and Providing Functional House Hold Tap Connections (FHTC) to Rural House Holds in various Wards of Karukutty Panchayath and Allied Works.-Part 1-Pipeline Work has been accepted for a quoted amount of **Rs. 31299842/- (Rupees Three Crore Twelve Lakh Ninety Nine Thousand Eight Hundred and Forty Two only)** based on rates quoted for **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 Aluva),Assistant Executive Engineer(JJM Aluva) and Assistant Engineer(JJM AE Aluva)**. 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. 31300/- (Thirty One Thousand Three Hundred 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. 1564992/- (Rupees Fifteen Lakh Sixty Four Thousand Nine Hundred and Ninety Two 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. 2591198/- (Rupees Twenty Five Lakh Ninety One Thousand One Hundred and Ninety Eight 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. **200000** /- (**Rupees Two 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 yrs experience) and Site Engineers- 3 nos (one Civil Engineering graduate and two civil diploma holder with minimum 2 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 **3 months** from the date of handing over the site.
11. Defect Liability period will be **6 months 1 year**
12. All the details mentioned above shall be submitted to the Agreement Authority within 14 (fourteen) days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority.
13. All the terms and conditions of the Notice Inviting tenders and tender shall be binding on the Contractor.

Sajiv Retnakaran(G13690)
Superintending Engineer

ACCEPTED SCHEDULE

Name of Work: Jal Jeevan Mission (JJM)-RWSS to Karukutty & Mookkannoor -Multi Village Scheme - Extension of Pipe Line and Providing Functional House Hold Tap Connections (FHTC) to Rural House Holds in various Wards of Karukutty Panchayath and Allied Works.-Part 1-Pipeline Work (DSR 2018 with Cost Index 135.59)

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1	FHTC Working cost					
1.001	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.	1400.000	no	5000.00	7000000.00	Rupees Seventy Zero Lakh Zero Zero Zero Only
1.002	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.,	70.000	no	5000.00	350000.00	Rupees Three Lakh Fifty Zero Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.003	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	30.000	no	5000.00	150000.00	Rupees One Lakh Fifty Zero Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.004	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	22500.000	metre	150.00	3375000.00	Rupees Thirty Three Lakh Seventy Five Thousand Zero Only
1.005	100.60.1.3.2 - Providing 20mm (3/4 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 25mm 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.	451.000	no	5100.00	2300100.00	Rupees Twenty Three Lakh Zero One Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.					
1.006	100.60.2.3.2 - Providing 20mm (3/4 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 25mm 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.	60.000	no	5100.00	306000.00	Rupees Three Lakh Six Thousand Zero Zero Only
1.007	100.60.1.6.2 - Providing 20mm (3/4 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 25mm Indian	10.000	no	5100.00	51000.00	Rupees Fifty One Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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 and weather with ISI mark resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.					
1.008	100.60.3.2.1 - Providing additional length of house connection pipe using 25mm 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	20840.000	metre	156.00	3251040.00	Rupees Thirty Two Lakh Fifty One Thousand Zero Forty Zero Only
1.009	100.60.10.1.1 - Providing 15mm (1/2 inch) GM Air Valve in the water meter assembly for 15mm connection, using 20mm Indian Standard Class 6	1500.000	no	600.00	900000.00	Rupees Nine Lakh Zero Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	uPVC pipes and specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.					
1.010	100.60.10.2.1 - Providing 20mm (3/4 inch) GM 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.	521.000	no	730.00	380330.00	Rupees Three Lakh Eighty Zero Thousand Three Hundred Thirty 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.	2021.000	no	400.00	808400.00	Rupees Eight Lakh Eight Thousand Four Hundred Zero Only
1.012	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)	67.500	cum	1890.00	127575.00	Rupees One Lakh Twenty Seven Thousand Five Hundred Seventy Five Only
1.013	15.43.2 - Dismantling manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-Charge: Bituminous road	720.000	sqm	324.00	233280.00	Rupees Two Lakh Thirty Three Thousand Two Hundred Eighty Zero Only
1.014	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)	121.500	cum	7200.00	874800.00	Rupees Eight Lakh Seventy Four Thousand Eight Hundred Zero Only
1.015	16.68 - Providing and laying 60 mm thick factory made	150.000	sqm	1040.00	156000.00	Rupees One Lakh Fifty Six

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Thousand Zero Zero Only
1.016	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.	1000.000	sqm	110.00	110000.00	Rupees One Lakh Ten Thousand Zero Zero Only
1.017	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.)	1000.000	sqm	362.00	362000.00	Rupees Three Lakh Sixty Two Thousand Zero Zero Only
2	Extension of Pipeline					
2.001	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.	5250.000	cum	485.00	2546250.00	Rupees Twenty Five Lakh Forty Six Thousand Two Hundred Fifty Zero Only
2.002	100.1.5 - Excavating trenches of required width for pipes, cables, etc., including	1125.000	cum	715.00	804375.00	Rupees Eight Lakh Four Thousand Three

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Hundred Seventy Five Only
2.003	100.2.2 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10m ² on plan), including dressing of sides and ramming of bottoms, lift up to 1.5m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m, in Medium Rock where Blasting is Prohibited.	1125.000	cum	1180.00	1327500.00	Rupees Thirteen Lakh Twenty Seven Thousand Five Hundred Zero Only
2.004	100.59.1 - Cutting the bituminous / concrete roads with cutting machine for a minimum depth of 200mm along the sides of proposed alignment of the pipe to be laid without causing any damage to other utilities, including the charges for hire and conveyance of tools and plant, cost of consumables and charges for lighting, watching, ribbon fencing, caution boards, traffic diversion, and as per the direction of departmental officers etc. complete, before carrying out the demolition of bituminous / concrete road by mechanical means and carrying out the excavation.	800.000	metre	30.44	24352.00	Rupees Twenty Four Thousand Three Hundred Fifty Two Only
2.005	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)	90.000	cum	2000.00	180000.00	Rupees One Lakh Eighty Zero Thousand Zero Zero Only
2.006	15.43.2 - Dismantling manually / by mechanical means including stacking of	3000.000	sqm	300.00	900000.00	Rupees Nine Lakh Zero Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-Charge:Bituminous road					
2.007	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)	90.000	cum	7200.00	648000.00	Rupees Six Lakh Forty Eight Thousand Zero Zero Only
2.008	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.	10.000	sqm	1050.00	10500.00	Rupees Ten Thousand Five Hundred Zero Only
2.009	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.	100.000	sqm	110.00	11000.00	Rupees Eleven Thousand Zero Zero Only
2.010	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.)	100.000	sqm	362.00	36200.00	Rupees Thirty Six Thousand Two Hundred Zero Only
2.011	100.7.1 - Bailing out water with 5HP engine and pump set including conveyance to the site, erecting, dismantling and taking back of engine and	11.190	Kwh	40.00	447.60	Rupees Four Hundred Forty Seven And Sixty Zero paise Only

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	pump, cost of fuel lubricating oil and other stores pay of staff etc., complete.					
2.012	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.	500.000	metre	28.00	14000.00	Rupees Fourteen Thousand Zero Zero Only
2.013	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.	10000.000	metre	75.00	750000.00	Rupees Seven Lakh Fifty Zero Thousand Zero Zero Only
2.014	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.	5000.000	metre	75.00	375000.00	Rupees Three Lakh Seventy Five Thousand Zero Zero Only
2.015	18.12.6 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 50 mm dia nominal bore	120.000	metre	615.00	73800.00	Rupees Seventy Three Thousand Eight Hundred Zero Only
2.016	18.12.7 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 65 mm dia nominal bore	120.000	metre	822.00	98640.00	Rupees Ninety Eight Thousand Six Hundred Forty Zero Only
2.017	50.18.9.20.4 - Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Bend	25.000	no	79.00	1975.00	Rupees One Thousand Nine Hundred Seventy Five Only
2.018	50.18.9.20.5 - Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes including jointing with PVC solvent cement -	8.000	no	86.00	688.00	Rupees Six Hundred Eighty Eight Only

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	63x63x63 mm dia Tee					
2.019	50.18.9.20.8 - Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia End cap	15.000	no	60.00	900.00	Rupees Nine Hundred Zero Only
2.020	50.18.9.21.4 - Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Bend	10.000	no	82.00	820.00	Rupees Eight Hundred Twenty Only
2.021	50.18.9.21.5 - Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75x75x75 mm dia Tee	8.000	no	96.00	768.00	Rupees Seven Hundred Sixty Eight Only
2.022	50.18.9.21.8 - Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement -75 mm dia End cap	8.000	no	70.00	560.00	Rupees Five Hundred Sixty Zero Only
2.023	50.18.9.21.10 - Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement -75x63 mm dia Reducer	4.000	no	185.00	740.00	Rupees Seven Hundred Forty Zero Only
2.024	OD157111/2022-2023 - Providing and fixing PVC moulded fittings /accessories for rigid PVC pipes including jointing with PVC solvent cement -65mm dia MTA.	4.000	no	100.00	400.00	Rupees Four Hundred Zero Only
2.025	OD157112/2022-2023 - Providing and fixing PVC moulded fittings /accessories for rigid PVC pipes including jointing with PVC solvent cement -50mm dia MTA.	4.000	no	85.00	340.00	Rupees Three Hundred Forty Zero Only
2.026	OD157113/2022-2023 - Providing and fixing PVC moulded fittings /accessories for rigid PVC pipes including jointing with PVC solvent cement -65mm dia GI Bend.	4.000	no	625.00	2500.00	Rupees Two Thousand Five Hundred Zero Only
2.027	OD157114/2022-2023 - Providing and fixing PVC moulded fittings /accessories for rigid PVC pipes including jointing with PVC solvent cement -50mm dia GI Bend.	4.000	no	600.00	2400.00	Rupees Two Thousand Four Hundred Zero Only
2.028	OD157115/2022-2023 - Interconnecting the newly laid	20.000	no	1650.00	33000.00	Rupees Thirty Three Thousand

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	line with the existing pipe 140 mm including cost of supply of all specials,earth work excavation in all classes of soil etc..complete as per the direction of departmental officers.					Zero Zero Only
2.029	OD157116/2022-2023 - :Interconnecting the newly laid line with the existing pipe of size upto 90mm including cost of supply of all specials, earth work excavation in all classes of soils etc.. Complete as per the direction of department officers.	25.000	no	1600.00	40000.00	Rupees Forty Zero Thousand Zero Zero Only
2.030	18.17.4 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore	1.000	each	1565.00	1565.00	Rupees One Thousand Five Hundred Sixty Five Only
2.031	18.17.5 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :65 mm nominal bore	1.000	each	1865.00	1865.00	Rupees One Thousand Eight Hundred Sixty Five Only
2.032	100.32.1 - Conveying and fixing C. I. Single Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 25mm Single Acting Air Valve.	1.000	no	1500.00	1500.00	Rupees One Thousand Five Hundred Zero Only
2.033	16.78.1 - Construction of granular sub- base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With Material conforming to Grade - I (size range 75 mm to 0.075 mm) having CBR Value- 30	37.500	cum	3105.00	116437.50	Rupees One Lakh Sixteen Thousand Four Hundred Thirty Seven And Fifty Zero paise Only
3	Cost of Materials					
3.001	100.98.32 - Supply of GI	4.000	no	200.00	800.00	Rupees Eight

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Threaded Coupling, 50mm.					Hundred Zero Only
3.002	100.98.33 - Supply of GI Threaded Coupling, 65mm.	4.000	no	300.00	1200.00	Rupees One Thousand Two Hundred Zero Only
3.003	100.98.221 - Supply of PVC Pipe, 8kg/cm ² , 63mm Dia.	10000.000	metre	109.40	1094000.00	Rupees Ten Lakh Ninety Four Thousand Zero Zero Only
3.004	100.98.222 - Supply of PVC Pipe, 8kg/cm ² , 75mm Dia.	5000.000	metre	150.00	750000.00	Rupees Seven Lakh Fifty Zero Thousand Zero Zero Only
3.005	100.98.440 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.	1.000	no	1500.00	1500.00	Rupees One Thousand Five Hundred Zero Only
4	BM-BC Road Restoration					
4.001	3.6 - Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	100.000	cum	48.79	4879.00	Rupees Four Thousand Eight Hundred Seventy Nine Only
4.002	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 compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-I - Plant Mix Method	50.000	cum	3404.81	170240.50	Rupees One Lakh Seventy Zero Thousand Two Hundred Forty Zero And Fifty Zero paise Only
4.003	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	50.000	cum	3375.91	168795.50	Rupees One Lakh Sixty Eight Thousand Seven Hundred Ninety Five And Fifty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	compacting with vibratory roller to achieve the desired density.					
4.004	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.	250.000	sqm	73.49	18372.50	Rupees Eighteen Thousand Three Hundred Seventy Two And Fifty Zero paise Only
4.005	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.	250.000	sqm	11.95	2987.50	Rupees Two Thousand Nine Hundred Eighty Seven And Fifty Zero paise Only
4.006	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)	12.500	cum	8758.31	109478.88	Rupees One Lakh Nine Thousand Four Hundred Seventy Eight And Eighty Eight paise Only
4.007	5.6.1.a - Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with a bituminous binder(NRMB) @ 5.2 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects For Grading - I (19 mm nominal size)	7.500	cum	13072.00	98040.00	Rupees Ninety Eight Thousand Zero Forty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
4.008	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.	250.000	sqm	550.00	137500.00	Rupees One Lakh Thirty Seven Thousand Five Hundred Zero Only

The above work awarded to the contractor A M UBAIDULLA,AAMPU6233H, at his quoted rate for individual items at a total accepted PAC 31299842(Three Crore Twelve Lakh Ninety Nine Thousand Eight Hundred and Forty Two Only) as per the condition of the contract.