

## LETTER OF ACCEPTANCE

To,  
Sri/Smt M/s.MUHAMMED SAFVAN MK  
PAN : DMAPM6724E

Your e-Tender No WRD/KWA-CE(CR)/TR/18715/2023\_5\_1\_1/1 dated 10-08-2023 for the Jal Jeevan Mission (JJM)-Laying pipelines for supply improvement in Kattakambal panchayath -Work IV-Providing FHTCs and Supplying & Laying 160mm & 110mm Dia. PVC pipe Pazhanji church to Karadikkunnu ,Pazhanji adakka market to Pattithadam

Pazhanji school ground to Jerusalem centre ,Pazhanji school ground to Ayinoor and Colony roads -General Civil Work has been accepted for a quoted amount of **Rs. 7312915/- (Rupees Seventy Three Lakh Twelve Thousand Nine Hundred and Fifteen 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 **Assistant Executive Engineer(P H Sub Division Guruvayur) and Assistant Engineer(Public Health Section Kunnankulam)**. 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. 7320/- ( Seven Thousand Three Hundred and Twenty 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. 365646/- (Rupees Three Lakh Sixty Five Thousand Six Hundred and Forty Six 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. 0/- (Rupees 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.

**One Engineering Graduate (Civil Engineering) and one diploma holder (Civil Engineering) with sufficient practical 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.

**SURENDRAN E N(G11206)**

**Executive Engineer**

## ACCEPTED SCHEDULE

Name of Work: Jal Jeevan Mission (JJM)-Laying pipelines for supply improvement in Kattakambal panchayath -Work IV-Providing FHTCs and Supplying & Laying 160mm & 110mm Dia. PVC pipe Pazhanji church to Karadikkunnu ,Pazhanji adakka market to Pattithadam  
Pazhanji school ground to Jerusalem centre ,Pazhanji school ground to Ayinoor and Colony roads  
-General Civil 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
<b>1</b>	<b>Part I- Cost of materials</b>					
1.001	100.98.216 - Supply of PVC Pipe, 6kg/cm <sup>2</sup> , 160mm Dia.	1000.000	metre	712.00	712000.00	Rupees Seven Lakh Twelve Thousand Zero Zero Only
1.002	100.98.211 - Supply of PVC Pipe, 6kg/cm <sup>2</sup> , 63mm Dia.	100.000	metre	111.00	11100.00	Rupees Eleven Thousand One Hundred Zero Only
1.003	100.98.214 - Supply of PVC Pipe, 6kg/cm <sup>2</sup> , 110mm Dia.	400.000	metre	331.00	132400.00	Rupees One Lakh Thirty Two Thousand Four Hundred Zero Only
1.004	OD114907/2023-2024 - Supply of 160mm ,110mm & 63mm PVC specials (3% cost of pipe)	1.000	no	25702.00	25702.00	Rupees Twenty Five Thousand Seven Hundred Two Only
1.005	OD117752/2023-2024 - Supplying 150 mm GI pipe	30.000	metre	2081.00	62430.00	Rupees Sixty Two Thousand Four Hundred Thirty Zero Only
1.006	OD118019/2023-2024 - Supply of 65mm GI Pipe	100.000	metre	712.00	71200.00	Rupees Seventy One Thousand Two Hundred Zero Only
1.007	OD115830/2023-2024 - Supply of GI specials (5 % of cost of Pipe)	1.000	L.S	6685.00	6685.00	Rupees Six Thousand Six Hundred Eighty Five Only
1.008	100.98.435 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Kinetic Air Valve Type DK, Size 50mm.	2.000	no	7951.00	15902.00	Rupees Fifteen Thousand Nine Hundred Two Only
1.009	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.	4.000	no	13852.00	55408.00	Rupees Fifty Five Thousand Four Hundred Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1.010	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.	1.000	no	9255.00	9255.00	Rupees Nine Thousand Two Hundred Fifty Five Only
1.011	OD117890/2023-2024 - Supply of Ductile iron specials suitable for push on jointing	3.520	quintal	19500.00	68640.00	Rupees Sixty Eight Thousand Six Hundred Forty Zero Only
1.012	100.98.118 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 250mm Dia.	250.000	metre	3765.00	941250.00	Rupees Nine Lakh Forty One Thousand Two Hundred Fifty Zero Only
<b>2</b>	<b>Part II- Working charge</b>					
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.	836.000	cum	555.00	463980.00	Rupees Four Lakh Sixty Three Thousand Nine Hundred Eighty Zero Only
2.002	100.1.5 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50 m, in Ordinary Rock.	268.000	cum	806.00	216008.00	Rupees Two Lakh Sixteen Thousand Zero Eight Only
2.003	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	1500.000	metre	30.00	45000.00	Rupees Forty Five Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
2.004	OD117921/2023-2024 - Dismantling manually / by mechanical means and disposal of material within 50 metres lead as per direction of Engineer -in-Charge Bituminous road	1180.000	sqm	87.00	102660.00	Rupees One Lakh Two Thousand Six Hundred Sixty Zero Only
2.005	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.	100.000	metre	28.00	2800.00	Rupees Two Thousand Eight Hundred Zero Only
2.006	100.8.2 - Fencing 1.50m high with two rows of casuarina poles (girth 15cm to 24cm) tied with coir yarn on vertical casuarina pole (girth 15cm to 24cm) fixed at 1.5m intervals.	150.000	metre	96.00	14400.00	Rupees Fourteen Thousand Four Hundred Zero Only
2.007	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.	1000.000	metre	202.00	202000.00	Rupees Two Lakh Two Thousand Zero Zero Only
2.008	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.	400.000	metre	128.00	51200.00	Rupees Fifty One Thousand Two Hundred Zero Only
2.009	100.9.6 - Laying uPVC pipes	100.000	metre	87.00	8700.00	Rupees Eight

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Thousand Seven Hundred Zero Only
2.010	100.12.11 - Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., but excluding cost of pipes and fittings for External work: 150mm diameter nominal bore.	30.000	metre	291.00	8730.00	Rupees Eight Thousand Seven Hundred Thirty Zero Only
2.011	100.12.7 - Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., but excluding cost of pipes and fittings for External work: 65mm diameter nominal bore.	100.000	metre	208.00	20800.00	Rupees Twenty Thousand Eight Hundred Zero Only
2.012	18.24 - Laying in position S & S or flanged C.I. special such as tees, bends, collars, tapers and caps etc. (excluding cost of specials).	3.520	quintal	578.00	2034.56	Rupees Two Thousand Zero Thirty Four And Fifty Six paise Only
2.013	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.	4.000	no	1283.00	5132.00	Rupees Five Thousand One Hundred Thirty Two Only
2.014	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.	1.000	no	957.00	957.00	Rupees Nine Hundred Fifty Seven Only
2.015	100.32.3 - Conveying and fixing C. I. Double Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 50mm	2.000	no	219.00	438.00	Rupees Four Hundred Thirty Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Double Acting Air Valve.					
2.016	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	6.750	cum	296.00	1998.00	Rupees One Thousand Nine Hundred Ninety Eight Only
2.017	2.26.1 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil	1.575	cum	106.00	166.95	Rupees One Hundred Sixty Six And Ninety Five paise Only
2.018	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 aggregate 20 mm nominal size)	0.450	cum	7367.00	3315.15	Rupees Three Thousand Three Hundred Fifteen And Fifteen paise Only
2.019	5.1.2 - Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)	0.686	cum	9085.00	6232.31	Rupees Six Thousand Two Hundred Thirty Two And Thirty One paise Only
2.020	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)	3.140	cum	8588.00	26966.32	Rupees Twenty Six Thousand Nine Hundred Sixty Six And Thirty Two paise Only
2.021	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	6.256	sqm	335.00	2095.76	Rupees Two Thousand Zero Ninety Five And Seventy Six paise Only
2.022	5.9.2 - Centering and	24.640	sqm	717.00	17666.88	Rupees



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, butresses, plinth and string courses etc.					Seventeen Thousand Six Hundred Sixty Six And Eighty Eight paise Only
2.023	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	306.080	kilogram	98.00	29995.84	Rupees Twenty Nine Thousand Nine Hundred Ninety Five And Eighty Four paise Only
2.024	13.1.1 - 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	10.080	sqm	314.00	3165.12	Rupees Three Thousand One Hundred Sixty Five And Twelve paise Only
2.025	OD118768/2023-2024 - Providing protection tube for sluice valve	2.000	no	4922.00	9844.00	Rupees Nine Thousand Eight Hundred Forty Four Only
2.026	OD116177/2023-2024 - Unforeseen items if any	5.000	L.S	5807.00	29035.00	Rupees Twenty Nine Thousand Zero Thirty Five Only
<b>3</b>	<b>Part III-PWD Road Restoration Charges for BMBC</b>					
3.001	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	120.000	cum	48.00	5760.00	Rupees Five Thousand Seven Hundred Sixty Zero Only
3.002	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	60.000	cum	3009.00	180540.00	Rupees One Lakh Eighty Zero Thousand Five Hundred Forty Zero Only
3.003	4.12 - Providing, laying, spreading and compacting graded stone aggregate to Wet	60.000	cum	2981.00	178860.00	Rupees One Lakh Seventy Eight Thousand



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Eight Hundred Sixty Zero Only
3.004	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.	300.000	sqm	56.00	16800.00	Rupees Sixteen Thousand Eight Hundred Zero Only
3.005	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.	600.000	sqm	11.00	6600.00	Rupees Six Thousand Six Hundred Zero Only
3.006	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)	22.500	cum	7650.00	172125.00	Rupees One Lakh Seventy Two Thousand One Hundred Twenty Five Only
3.007	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	22.500	cum	11707.00	263407.50	Rupees Two Lakh Sixty Three Thousand Four Hundred Seven And Fifty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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)					
<b>4</b>	<b>Part IV-PWD Road Restoration Charges for Berm Cutting</b>					
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	80.000	cum	45.00	3600.00	Rupees Three Thousand Six Hundred Zero 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	40.000	cum	3009.00	120360.00	Rupees One Lakh Twenty Thousand Three Hundred Sixty Zero 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 compacting with vibratory roller to achieve the desired density.	40.000	cum	2981.00	119240.00	Rupees One Lakh Nineteen Thousand Two Hundred Forty Zero Only
<b>5</b>	<b>Part V- LSGD Road Restoration Charges for 20mm Open graded Chipping Carpet</b>					
5.001	3.5.3 - Excavation in Soil using Hydraulic Excavator and Tippers with disposal upto 1000 m &lt;br&gt; Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading	400.000	cum	34.00	13600.00	Rupees Thirteen Thousand Six Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3					
5.002	4.1.A.1 - Granular Sub-base with Well Graded Material (Table 400.1) & (A) By Mix in Place Method & Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. & (i) For Grading I Material	200.000	cum	2732.00	546400.00	Rupees Five Lakh Forty Six Thousand Four Hundred Zero Only
5.003	4.9 - Wet Mix Macadam & Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. & By Mechanical Means with 1 km lead	200.000	cum	3050.00	610000.00	Rupees Six Lakh Ten Thousand Zero Zero Only
5.004	5.1.1a - Prime Coat :- Low porosity & Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical	1000.000	sqm	70.00	70000.00	Rupees Seventy Zero Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	means as per Technical Specification Clause 502					
5.005	5.2.3 a - Tack Coat & Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	1000.000	sqm	15.00	15000.00	Rupees Fifteen Thousand Zero Zero Only
5.006	5.9.1.2a - 20mm thick Open-Graded Premix Carpet using Bituminous (penetration grade/modified bitumen) Binder - Bitumen S-65 & Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508. & Case - I By Manual Means & (II) Bitumen (S-65)	1000.000	sqm	179.00	179000.00	Rupees One Lakh Seventy Nine Thousand Zero Zero Only
5.007	5.12.A.3.2a - Seal Coat - Manual Means - Type C - Bitumen S-65 & Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 & A. By Manual Means :- Case - III : Type C & (II) Bitumen (S-65)	1000.000	sqm	80.00	80000.00	Rupees Eighty Zero Thousand Zero Zero Only
<b>6</b>	<b>Part VI-Providing FHTC 150nos</b>					
6.001	100.60.1.1.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2	150.000	no	5902.00	885300.00	Rupees Eight Lakh Eighty Five Thousand

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Three Hundred Zero Only
6.002	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.	250.000	metre	30.00	7500.00	Rupees Seven Thousand Five Hundred Zero Only
6.003	OD118505/2023-2024 - Dismantling manually / by mechanical means and	75.000	sqm	87.00	6525.00	Rupees Six Thousand Five Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	disposal of material within 50 metres lead as per direction of Engineer -in-Charge Bituminous road					Twenty Five Only
6.004	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	750.000	metre	176.00	132000.00	Rupees One Lakh Thirty Two Thousand Zero Zero Only
6.005	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.	150.000	no	582.00	87300.00	Rupees Eighty Seven Thousand Three Hundred Zero Only
6.006	100.60.10.4.1 - Providing 20mm (1/2 inch) PVC Air Valve in the water meter assembly for 15mm 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.	150.000	no	375.00	56250.00	Rupees Fifty Six Thousand Two Hundred Fifty Zero Only
6.007	OD118507/2023-2024 - Providing Vertical Stand post using 63mm 6kg PVC pipe for FHTC&#39; including necessary earthwork and fixing in position in CC etc complete as per the direction of departmental officers.	150.000	no	393.00	58950.00	Rupees Fifty Eight Thousand Nine Hundred Fifty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
6.008	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 aggregate 20 mm nominal size)	15.000	cum	7367.00	110505.00	Rupees One Lakh Ten Thousand Five Hundred Five Only

The above work awarded to the contractor MUHAMMED SAFVAN MK,DMAPM6724E, at his quoted rate for individual items at a total accepted PAC 7312915( Seventy Three Lakh Twelve Thousand Nine Hundred and Fifteen Only) as per the condition of the contract.

