

LETTER OF ACCEPTANCE

To,
Sri/Smt M/s.M B Pradeep
PAN : AIAPP8355K

Your e-Tender No WRD/KWA-CE(CR)/TR/9904/2022_26_1_1/1 dated 06-06-2023 for the Jal Jeevan Mission (JJM)-Jal Jeevan Mission- Karukutty and Mookkannoor - Replacing 200mm AC Raw water Pumping main from Ezhattumugham RWPH to 4.5mld WTP at Vellappara with 300mm DI K9 pipe.-Jal Jeevan Mission- Karukutty and Mookkannoor - Replacing 200mm AC Raw water Pumping main from Ezhattumugham RWPH to 4.5mld WTP at Vellappara with 300mm DI K9 pipe.-Pipeline Work has been accepted for a quoted amount of Rs. 28966291/- (Rupees Two Crore Eighty Nine Lakh Sixty Six Thousand Two Hundred and Ninety One 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(Public Health Sub Division Angamaly) and Assistant Engineer(Public Health Section Angamaly). 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. 28970/- (Twenty Eight Thousand Nine Hundred and Seventy 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. 1448315/- (Rupees Fourteen Lakh Forty Eight Thousand Three Hundred and Fifteen 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.

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 **6 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)-Jal Jeevan Mission- Karukutty and Mookkannoor - Replacing 200mm AC Raw water Pumping main from Ezhattumugham RWPH to 4.5mld WTP at Vellappara with 300mm DI K9 pipe.-Jal Jeevan Mission- Karukutty and Mookkannoor - Replacing 200mm AC Raw water Pumping main from Ezhattumugham RWPH to 4.5mld WTP at Vellappara with 300mm DI K9 pipe.-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	Working Charges					
1.001	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	10.000	sqm	360.00	3600.00	Rupees Three Thousand Six Hundred Zero Only
1.002	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.	1906.250	cum	555.00	1057968.75	Rupees Ten Lakh Fifty Seven Thousand Nine Hundred Sixty Eight And Seventy Five paise Only
1.003	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.	762.500	cum	806.00	614575.00	Rupees Six Lakh Fourteen Thousand Five Hundred Seventy Five Only
1.004	100.2.7 - Excavating trenches	876.875	cum	1341.00	1175889.38	Rupees Eleven

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Medium Rock where Blasting is Prohibited.					Lakh Seventy Five Thousand Eight Hundred Eighty Nine And Thirty Eight paise Only
1.005	100.1.13 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Hard Rock where Blasting is Prohibited.	76.250	cum	1556.00	118645.00	Rupees One Lakh Eighteen Thousand Six Hundred Forty Five Only
1.006	100.1.12 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth exceeding 4.5m but not exceeding 6.0m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Hard Rock Requiring Blasting.	190.625	cum	1714.00	326731.25	Rupees Three Lakh Twenty Six Thousand Seven Hundred Thirty One And Twenty Five paise Only
1.007	OD253123/2022-2023 - Carriage of surplus excavated hard rock and debris of BT/CC surface to stack yard and stacking with in a radius of 5 km as directed by departmental officers, hire	210.000	cum	177.00	37170.00	Rupees Thirty Seven Thousand One Hundred Seventy Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	charges for Tools and plants and labour charges					
1.008	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.	1800.000	metre	31.00	55800.00	Rupees Fifty Five Thousand Eight Hundred Zero Only
1.009	100.14.5 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 300mm diameter Ductile Iron Class K-9 Pipes.	3300.000	metre	220.00	726000.00	Rupees Seven Lakh Twenty Six Thousand Zero Zero Only
1.010	18.70.5 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:300 mm dia pipe	620.000	joint	500.00	310000.00	Rupees Three Lakh Ten Thousand Zero Zero Only
1.011	OD206964/2022-2023 - Labour for cutting D.I. pipe with steel saw.300 mm diameter D.I. pipe	70.000	Each Cut	710.00	49700.00	Rupees Forty Nine Thousand Seven Hundred Zero Only
1.012	100.37.9.1 - In situ fabrication of M.S. pipes of size 300mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.	120.000	metre	7800.00	936000.00	Rupees Nine Lakh Thirty Six Thousand Zero Zero Only
1.013	100.37.9.2 - Fabricating M.S. flanges of diameter 300mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.	50.000	no	3250.00	162500.00	Rupees One Lakh Sixty Two Thousand Five Hundred Zero Only
1.014	100.37.9.3 - Cutting 300mm (I.D.) M.S. pipes for making bends and other specials by gas cutting including cost of gas, all labour and hire charges of tools etc., complete: For pipes fabricated	60.000	no	350.00	21000.00	Rupees Twenty One Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	with 8mm thick M.S. plates.					
1.015	100.37.9.4 - Welding 300mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	60.000	no	1300.00	78000.00	Rupees Seventy Eight Thousand Zero Zero Only
1.016	100.37.9.5 - Grinding cut and weld edges of 300mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.	120.000	no	250.00	30000.00	Rupees Thirty Zero Thousand Zero Zero Only
1.017	18.30.7 - Providing flanged joints to double flanged C.I./D.I pipes and specials, including testing of joints:300 mm diameter pipe	35.000	no	650.00	22750.00	Rupees Twenty Two Thousand Seven Hundred Fifty Zero Only
1.018	100.35.5 - Testing 300mm DI/CI pipeline with potable water to the required test pressure. 300 mm dia Observed Data derived from item no.1023 of PHED DATA	3420.000	metre	60.00	205200.00	Rupees Two Lakh Five Thousand Two Hundred Zero Only
1.019	18.31.6.2 - Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertion etc. (the tail pieces if required will be paid separately): 300 mm diameterClass II	4.000	no	35000.00	140000.00	Rupees One Lakh Forty Zero Thousand Zero Zero Only
1.020	18.31.5.2 - Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertion etc. (the tail pieces if required will be paid separately): 250 mm diameterClass II	1.000	no	30000.00	30000.00	Rupees Thirty Zero Thousand Zero Zero Only
1.021	18.59.2 - Providing and fixing C.I double acting air valve of approved quality with bolts, nuts, rubber insertion etc. complete (The tail pieces, tapers etc. if required will be paid separately):80 mm dia	7.000	no	8000.00	56000.00	Rupees Fifty Six Thousand Zero Zero Only
1.022	100.31.2.1 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid	7.000	no	700.00	4900.00	Rupees Four Thousand Nine Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	separately): 80mm diameter, Class II.					
1.023	100.41.39 - Supply, stacking, spreading and consolidating of Quarry Muck in the trench of pipe line, including carriage, loading, unloading & stacking up to any lead.	90.000	cum	600.00	54000.00	Rupees Fifty Four Thousand Zero Zero Only
1.024	100.41.40 - Supply, stacking, spreading and consolidating of Red earth in the trench of pipe line for cushion including carriage, loading, unloading & stacking up to any lead.	120.000	cum	325.00	39000.00	Rupees Thirty Nine Thousand Zero Zero Only
1.025	16.78.2 - 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-II (size range 53 mm to 0.075 mm) having CBR Value-25	60.000	cum	2800.00	168000.00	Rupees One Lakh Sixty Eight Thousand Zero Zero Only
1.026	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)	21.480	cum	8000.00	171840.00	Rupees One Lakh Seventy One Thousand Eight Hundred Forty Zero Only
1.027	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)	32.000	cum	8500.00	272000.00	Rupees Two Lakh Seventy Two Thousand Zero Zero Only
1.028	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting,	1280.000	kilogram	100.00	128000.00	Rupees One Lakh Twenty Eight Thousand

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more					Zero Zero Only
1.029	4.3.2 - Centering and shuttering including strutting, propping etc. and removal of form work for: Retaining walls, return walls, (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	262.400	sqm	800.00	209920.00	Rupees Two Lakh Nine Thousand Nine Hundred Twenty Only
1.030	OD187457/2022-2023 - Providing and fixing Dowel bars of 16mm dia. tor steel ,1m in length for Anchor blocks including cost of steel bar, cement grout, charges for drilling holes 45 to 60cm depth in rock, all labour charges, hire of tools etc. complete.	200.000	each	350.00	70000.00	Rupees Seventy Zero Thousand Zero Zero Only
1.031	10.25.2 - Item Shifted to Sub head 14 as item 14.73 Item Shifted to head 14 as item 14.74 Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	250.000	kg	200.00	50000.00	Rupees Fifty Zero Thousand Zero Zero Only
2	Valve Chamber					
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.	29.700	cum	611.00	18146.70	Rupees Eighteen Thousand One Hundred Forty Six And Seventy Zero paise Only
2.002	4.1.5 - Providing and laying in position cement concrete of	1.800	cum	7500.00	13500.00	Rupees Thirteen Thousand Five

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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)					Hundred Zero Only
2.003	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)	12.780	cum	9500.00	121410.00	Rupees One Lakh Twenty One Thousand Four Hundred Ten Only
2.004	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	1150.200	kilogram	100.00	115020.00	Rupees One Lakh Fifteen Thousand Zero Twenty Only
2.005	4.3.2 - Centering and shuttering including strutting, propping etc. and removal of form work for:Retaining walls, return walls, (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	85.200	sqm	790.00	67308.00	Rupees Sixty Seven Thousand Three Hundred Eight Only
3	Cost of materials					
3.001	100.98.119 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 300mm Dia.	3300.000	metre	5000.00	16500000.00	Rupees One Crore Sixty Five Lakh Zero Zero Zero Only
3.002	100.98.457 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.6, Size 80mm.	7.000	no	7200.00	50400.00	Rupees Fifty Zero Thousand Four Hundred Zero Only
3.003	18.68.1 - Providing and laying D.I specials of class K - 12 suitable for push - on jointing as per IS : 9523 :Upt 600 mm dia	12.420	quintal	20000.00	248400.00	Rupees Two Lakh Forty Eight Thousand Four Hundred Zero Only
3.004	18.69.1 - Providing and laying D.I Specials of Class K - 12 suitable for mechanical jointing as per IS : 9523 :Upto 600 mm dia	1.152	quintal	21000.00	24192.00	Rupees Twenty Four Thousand One Hundred Ninety Two Only
4	Maintenance and shifting of 3MLD Pressure Filter from Ezhattumugham RWPH to Ezhattumugham WTP.					

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
4.001	OD136099/2022-2023 - Removing filter media Fine Sand, Coarse Sand, Different sizes of Pebbles and Gravels from the Pressure Filter, Sorting and Packing Pebbles and Gravels in 50kg bags.	1.000	job	10000.00	10000.00	Rupees Ten Thousand Zero Zero Only
4.002	OD136269/2022-2023 - Dismantling 150mm Frontal Pipes, Valves, PP Strainers, loading Pressure filter and bags of media into Lorry using Crane and labour, transportation charges from R W P H to W T P Ezhattumugham, unloading Pressure Filter and Media from Lorry to the basement using Crane and labour etc. complete.	1.000	job	50000.00	50000.00	Rupees Fifty Zero Thousand Zero Zero Only
4.003	OD136375/2022-2023 - Supplying and replacing damaged Strainers inside the filter .	120.000	no	200.00	24000.00	Rupees Twenty Four Thousand Zero Zero Only
4.004	OD136474/2022-2023 - Supply of Fine Sand with effective size 0.5mm to 1mm.	1.500	cum	10000.00	15000.00	Rupees Fifteen Thousand Zero Zero Only
4.005	OD136476/2022-2023 - Supply of Coarse Sand with effective size 1mm to 2mm.	1.500	cum	10000.00	15000.00	Rupees Fifteen Thousand Zero Zero Only
4.006	100.55.1 - Supplying of 2 to 6 mm and 6 to 12 mm size fine pebble (pebbles shall be hard, clean, free from clay, dust and other impurities), stacking in standard heaps for measurement including cost, conveyance up to 5 km and labour charges for stacking, spreading, testing and as per the directions of the department officers etc. complete as per CPHEEO specifications.	1.000	cum	10000.00	10000.00	Rupees Ten Thousand Zero Zero Only
4.007	100.55.2 - Supplying of 12 to 20mm size pebble (pebbles shall be hard, clean, free from clay, dust and other impurities), stacking in standard heaps for measurement including cost, conveyance up to 5km and labour charges for stacking, spreading, testing and as per the directions of the department officers etc complete and as per CPHEEO specification.	0.200	cum	10000.00	2000.00	Rupees Two Thousand Zero Zero Only

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4.008	100.55.3 - Supplying of 20 to 40 mm pebble (pebbles shall be hard, clean, free from clay, dust and other impurities), stacking in standard heaps for measurement including cost, conveyance up to 5 km and labour charges for stacking, spreading, testing and as per directions of the department officers etc. complete and as per CPHEEO specification.	0.200	cum	10000.00	2000.00	Rupees Two Thousand Zero Zero Only
4.009	OD136409/2022-2023 - Washing and repacking of Pebbles of different sizes, packing of newly supplied Fine Sand and Coarse Sand layer wise inside the Pressure Filter.	1.000	job	20000.00	20000.00	Rupees Twenty Thousand Zero Zero Only
4.010	OD136657/2022-2023 - Supplying and replacing damaged MS Bolt and Nut with washers.	120.000	no	30.00	3600.00	Rupees Three Thousand Six Hundred Zero Only
4.011	OD137258/2022-2023 - Refitting the packing of Pressure Filter (Two Manholes - IR Sheet)	1.000	job	5000.00	5000.00	Rupees Five Thousand Zero Zero Only
4.012	OD137312/2022-2023 - Supplying and fitting of new SS Butterfly Valve 150mm.	5.000	each	20000.00	100000.00	Rupees One Lakh Zero Zero Zero Only
4.013	OD137350/2022-2023 - Supplying and fitting Air release valve of the Pressure Filter.	1.000	each	2000.00	2000.00	Rupees Two Thousand Zero Zero Only
4.014	OD137867/2022-2023 - Supplying and fitting Pressure Gauge.	2.000	each	1000.00	2000.00	Rupees Two Thousand Zero Zero Only
4.015	OD137927/2022-2023 - Supplying and fitting of inlet and outlet pipes and replacing the damaged Frontal pipe with 150mm GI pipe including cost of pipe and specials , welding charge, labour charges etc. complete.	1.000	job	65000.00	65000.00	Rupees Sixty Five Thousand Zero Zero Only
4.016	100.98.228 - Supply of PVC Pipe, 8kg/cm2, 180mm Dia.	15.000	metre	1500.00	22500.00	Rupees Twenty Two Thousand Five Hundred Zero Only
4.017	OD138025/2022-2023 - Supplying and fitting of Back wash pipe with 180mm dia PVC 8kg/cm2 pipe excluding cost of pipe, but including cost of specials, labour charges, necessary earthwork excavation etc. complete.	1.000	job	5000.00	5000.00	Rupees Five Thousand Zero Zero Only

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4.018	100.98.487 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 300mm.	1.000	no	50000.00	50000.00	Rupees Fifty Zero Thousand Zero Zero Only
4.019	100.31.2.7 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 300mm diameter, Class II.	1.000	no	3500.00	3500.00	Rupees Three Thousand Five Hundred Zero Only
4.020	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)	2.500	cum	8250.00	20625.00	Rupees Twenty Thousand Six Hundred Twenty Five Only
4.021	100.98.1008 - Engaging Coolie.	5.000	no	1000.00	5000.00	Rupees Five Thousand Zero Zero Only
4.022	13.52.1 - Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	25.000	sqm	300.00	7500.00	Rupees Seven Thousand Five Hundred Zero Only
4.023	13.71 - Lettering with black Japan pint of approved brand and manufacture	300.000	per Letter per cm height	10.00	3000.00	Rupees Three Thousand Zero Zero Only
5	PWD Road Restoration					
5.001	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	1000.000	cum	50.00	50000.00	Rupees Fifty Zero Thousand Zero Zero Only
5.002	4.2.A.1 - Construction of granular sub-base by providing graded material, spreading in uniform layers with a motor grader on a prepared surface, mixing by mix in-place method with	500.000	cum	2835.00	1417500.00	Rupees Fourteen Lakh Seventeen Thousand Five Hundred Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-III -For lower sub-base - Mix in Place Method					
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.	500.000	cum	2920.00	1460000.00	Rupees Fourteen Lakh Sixty Zero Thousand 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.	2500.000	sqm	61.00	152500.00	Rupees One Lakh Fifty Two Thousand Five Hundred Zero Only
5.005	5.2.b - Providing and applying tack coat with bitumen emulsion (RS) using emulsion pressure distributor at the rate of 0.25 - 0.30 kg per sqm on the prepared Granular Surface cleaned with mechanical broom.	2500.000	sqm	14.00	35000.00	Rupees Thirty Five Thousand Zero Zero Only
5.006	5.7.1 - Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) aggregates using viscosity grade bitumen (VG - 30) to the required line, grade, and level to serve as wearing course on a previously prepared base, including mixing in a suitable HMP of appropriate capacity not less than 75 tonnes/hour., laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to the required level and grade.	3750.000	sqm	182.00	682500.00	Rupees Six Lakh Eighty Two Thousand Five Hundred Zero Only
5.007	5.8.a - Providing and laying surface dressing as wearing course in single coat using	2500.000	sqm	97.00	242500.00	Rupees Two Lakh Forty Two Thousand Five

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	crushed stone aggregates of specified size on a layer of bituminous binder (VG 30) laid on the prepared surface and rolling with 8-10 tonne smooth wheeled steel roller. Grading I - 19 mm nominal chipping size					Hundred Zero Only

The above work awarded to the contractor M B Pradeep,AIAPP8355K, at his quoted rate for individual items at a total accepted PAC 28966291(Two Crore Eighty Nine Lakh Sixty Six Thousand Two Hundred and Ninety One Only) as per the condition of the contract.

