

LETTER OF ACCEPTANCE

To,
Sri/Smt M/s.Ravi P K
PAN : AENPR9812E

Your e-Tender No WRD/KWA-CE(NR)/TR/3303/2022_26_3_2/1 dated 29-04-2023 for the AMRUT-AMRUT 2.0 - SWAP - 2 - PIPE LINE EXTENSION , PROVIDING WATER CONNECTIONS IN VARIOUS ZONES OF KANNUR CORPORATION - KANNUR MUNICIPAL AREA (OLD)-Pipeline Work has been accepted for a quoted amount of **Rs. 20857677/- (Rupees Two Crore Eight Lakh Fifty Seven Thousand Six Hundred and Seventy Seven only)** based on rates quoted for individual items individual items individual items individual items which is mentioned in the accompanying schedule. You are directed to submit the stamp GRN ID/Stamp paper, Performance Guarantee and Additional Performance Guarantee as mentioned below and execute an agreement and start the work within a week after getting necessary instructions from the **Executive Engineer(WS Division Kannur),Assistant Executive Engineer(WS Sub Division Kannur) and Assistant Engineer(Water Supply Section No 2 Kannur)**. 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. 20860/- (Twenty Thousand Eight Hundred and Sixty 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. 1042884/- (Rupees Ten Lakh Forty Two Thousand Eight Hundred and Eighty Four 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. 330809/- (Rupees Three Lakh Thirty Thousand Eight Hundred and Nine 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 3 years experience) and Site Engineers- 2 nos (one Civil Engineering graduate and one civil diploma holder with minimum 1 year experience).
8. The Contractor shall enter into a Contract Agreement with the Agreement Authority within 14 Fourteen working days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority. The date of despatch of Letter of Acceptance through Contractors Portal shall be the date of Acceptance of Tender.
9. In the eventuality of failure to produce the original documents, or submit the performance security, or enter into agreement with the Agreement Authority within the specified time limit, the Bidder shall be debarred in future from participating in all Government Bids for three years and will be recommended for blacklisting by the competent authority. In such cases, the Government may rearrange the work otherwise or get it done departmentally at the risk and the cost of the Bidder and the loss so sustained by the Government can be realized from the Bidder under the Revenue recovery Act or otherwise the Government may decide.
10. The work should be completed in all respects within **9 months** from the date of handing over the site.
11. Defect Liability period will be **2 years**
12. All the details mentioned above shall be submitted to the Agreement Authority within 14 (fourteen) days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority.
13. All the terms and conditions of the Notice Inviting tenders and tender shall be binding on the Contractor.

Prakasan A V(G12530)
Superintending Engineer

ACCEPTED SCHEDULE

Name of Work: AMRUT-AMRUT 2.0 -SWAP - 2 - PIPE LINE EXTENSION , PROVIDING WATER CONNECTIONS IN VARIOUS ZONES OF KANNUR CORPORATION - KANNUR MUNICIPAL AREA (OLD)-Pipeline Work (DSR 2018 with Cost Index 133.9)

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
1	Appendix A: Laying Distribution System and Providing FHTCs -Working Charges					
1.001	100.1.1 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in all kinds of soil.	1447.860	cum	600.30	869150.36	Rupees Eight Lakh Sixty Nine Thousand One Hundred Fifty Zero And Thirty Six paise Only
1.002	100.1.5 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50 m, in Ordinary Rock.	712.275	cum	873.96	622499.86	Rupees Six Lakh Twenty Two Thousand Four Hundred Ninety Nine And Eighty Six paise Only
1.003	100.2.7 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering,	241.310	cum	1453.36	350710.30	Rupees Three Lakh Fifty Zero Thousand Seven Hundred Ten And Thirty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Medium Rock where Blasting is Prohibited.					
1.004	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	2163.00	194670.00	Rupees One Lakh Ninety Four Thousand Six Hundred Seventy Zero Only
1.005	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.	1900.000	metre	30.50	57950.00	Rupees Fifty Seven Thousand Nine Hundred Fifty Zero Only
1.006	100.9.8 - Laying uPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipeline to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipeline with water to the required test pressure (excluding cost of pipes and specials): 90 mm nominal outside diameter pipes.	400.000	metre	90.37	36148.00	Rupees Thirty Six Thousand One Hundred Forty Eight Only
1.007	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.	370.000	metre	133.11	49250.70	Rupees Forty Nine Thousand Two Hundred Fifty Zero And Seventy Zero paise Only
1.008	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	3000.000	metre	210.46	631380.00	Rupees Six Lakh Thirty One Thousand Three Hundred Eighty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	specials): 160 mm nominal outside diameter pipes.					
1.009	18.12.8 - Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work 80 mm dia nominal bore	60.000	metre	1018.80	61128.00	Rupees Sixty One Thousand One Hundred Twenty Eight Only
1.010	100.12.9 - 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: 100mm diameter nominal bore.	60.000	metre	254.78	15286.80	Rupees Fifteen Thousand Two Hundred Eighty Six And Eighty Zero paise Only
1.011	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.	150.000	metre	96.25	14437.50	Rupees Fourteen Thousand Four Hundred Thirty Seven And Fifty Zero paise Only
1.012	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.	3.000	no	152.18	456.54	Rupees Four Hundred Fifty Six And Fifty Four paise Only
1.013	100.31.1.1 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 80mm diameter, Class I.	3.000	no	637.04	1911.12	Rupees One Thousand Nine Hundred Eleven And Twelve paise Only
1.014	100.31.1.2 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 100mm diameter, Class I.	2.000	no	960.40	1920.80	Rupees One Thousand Nine Hundred Twenty And Eighty Zero paise Only
1.015	100.31.1.4 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 150mm diameter,	6.000	no	1300.77	7804.62	Rupees Seven Thousand Eight Hundred Four And Sixty Two paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Class I.					
1.016	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.	1850.000	metre	32.98	61013.00	Rupees Sixty One Thousand Zero Thirteen Only
1.017	4.1.2 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)	90.000	cum	9194.70	827523.00	Rupees Eight Lakh Twenty Seven Thousand Five Hundred Twenty Three Only
1.018	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.	150.000	cum	597.57	89635.50	Rupees Eighty Nine Thousand Six Hundred Thirty Five And Fifty Zero paise Only
1.019	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	45.000	cum	3210.54	144474.30	Rupees One Lakh Forty Four Thousand Four Hundred Seventy Four And Thirty Zero paise Only
1.020	100.60.1.1.2 - Providing	30.000	no	6424.88	192746.40	Rupees One

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Lakh Ninety Two Thousand Seven Hundred Forty Six And Forty Zero paise Only
1.021	100.60.2.1.2 - Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing PVC / HDPE mains from 140mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, PVC Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection	220.000	no	6644.29	1461743.80	Rupees Fourteen Lakh Sixty One Thousand Seven Hundred Forty Three And Eighty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
1.022	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	11000.000	metre	187.90	2066900.00	Rupees Twenty Lakh Sixty Six Thousand Nine Hundred Zero Only
1.023	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.	10.000	no	410.90	4109.00	Rupees Four Thousand One Hundred Nine Only
1.024	OD34378/2022-2023 - Supplying and Fixing Surface Box for valve including protection pipe and concrete work	14.000	no	3241.11	45375.54	Rupees Forty Five Thousand Three Hundred Seventy Five And Fifty Four paise Only
1.025	100.60.12.3.1 - Providing	250.000	no	633.54	158385.00	Rupees One

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Lakh Fifty Eight Thousand Three Hundred Eighty Five Only
1.026	100.60.8.1 - Replacing the choked / damaged 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing mains, up to a length of 5m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / Brass specials viz. brass ferrule, Elbow, MTA, FTA, couplers etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, safely removing & re-fixing existing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges but excluding cost of water meter and meter box and excluding charges for cutting the concrete / tarred / bituminous roads and as per the directions of the department officers	600.000	no	4143.00	2485800.00	Rupees Twenty Four Lakh Eighty Five Thousand Eight Hundred Zero Only
1.027	OD34379/2022-2023 - Cost of Geo tagging of Each FHTC's including all cost of materials, labour and transportation etc complete	250.000	no	21.94	5485.00	Rupees Five Thousand Four Hundred Eighty Five Only
2	Appendix B: Laying Distribution System and Providing FHTCs -Cost of Materials					
2.001	100.98.232 - Supply of PVC Pipe, 10kg/cm ² , 40mm Dia.	150.000	metre	76.67	11500.50	Rupees Eleven Thousand Five Hundred Zero And Fifty Zero paise Only
2.002	100.98.211 - Supply of PVC Pipe, 6kg/cm ² , 63mm Dia.	250.000	metre	122.64	30660.00	Rupees Thirty Zero Thousand Six Hundred Sixty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.003	OD1370/2023-2024 - Supply of PVC Pipe, 8kg/cm ² , 90mm Dia. including specials	400.000	metre	314.21	125684.00	Rupees One Lakh Twenty Five Thousand Six Hundred Eighty Four Only
2.004	OD1369/2023-2024 - Supply of PVC Pipe, 8kg/cm ² , 110mm Dia. including specials	370.000	metre	497.39	184034.30	Rupees One Lakh Eighty Four Thousand Zero Thirty Four And Thirty Zero paise Only
2.005	OD1368/2023-2024 - Supply of PVC Pipe, 8kg/cm ² , 160mm Dia. including specials	3000.000	metre	1056.48	3169440.00	Rupees Thirty One Lakh Sixty Nine Thousand Four Hundred Forty Zero Only
2.006	OD1367/2023-2024 - Supply of 100 mm GI pipe (medium) including specials	60.000	metre	1501.09	90065.40	Rupees Ninety Zero Thousand Zero Sixty Five And Forty Zero paise Only
2.007	OD1366/2023-2024 - Supply of 150 mm GI pipe (medium) including specials	150.000	metre	2339.36	350904.00	Rupees Three Lakh Fifty Zero Thousand Nine Hundred Four Only
2.008	100.98.440 - Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.	3.000	no	6183.53	18550.59	Rupees Eighteen Thousand Five Hundred Fifty Zero And Fifty Nine paise Only
2.009	100.98.493 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.0, Size 80mm.	3.000	no	6969.69	20909.07	Rupees Twenty Thousand Nine Hundred Nine And Seven paise Only
2.010	100.98.494 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.0, Size 100mm.	2.000	no	9412.26	18824.52	Rupees Eighteen Thousand Eight Hundred Twenty Four And Fifty Two paise Only
2.011	100.98.496 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.0, Size 150mm.	6.000	no	14084.62	84507.72	Rupees Eighty Four Thousand Five Hundred Seven And Seventy Two paise Only
3	Appendix C - Road Reformation Charges - Corporation					
3.001	4.1.A.1 - Granular Sub-base with Well Graded Material (Table 400.1) (A) By Mix in Place Method Construction	221.550	cum	3219.68	713320.10	Rupees Seven Lakh Thirteen Thousand Three Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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					Twenty And Ten paise Only
3.002	4.9 - Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. By Mechanical Means with 1 km lead	221.550	cum	3593.63	796168.73	Rupees Seven Lakh Ninety Six Thousand One Hundred Sixty Eight And Seventy Three paise Only
3.003	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 means as per Technical Specification Clause 502	1940.000	sqm	81.15	157431.00	Rupees One Lakh Fifty Seven Thousand Four Hundred Thirty One Only
3.004	5.2.3a - 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.	1940.000	sqm	16.46	31932.40	Rupees Thirty One Thousand Nine Hundred Thirty Two And Forty Zero paise Only
3.005	5.9.1.2a - 20mm thick Open-Graded Premix Carpet using Bituminous (penetration	1940.000	sqm	17.03	33038.20	Rupees Thirty Three Thousand Zero Thirty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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)					Eight And Twenty Zero paise Only
3.006	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)	1940.000	sqm	87.00	168780.00	Rupees One Lakh Sixty Eight Thousand Seven Hundred Eighty Zero Only
4	Appendix D - Road Reformation Charges - BM & BC					
4.001	3.1 - Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto 1000 metres.	594.000	cum	422.88	251190.72	Rupees Two Lakh Fifty One Thousand One Hundred Ninety Zero And Seventy Two paise Only
4.002	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 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	178.200	cum	3413.24	608239.37	Rupees Six Lakh Eight Thousand Two Hundred Thirty Nine And Thirty Seven paise Only
4.003	4.12 - Providing, laying, spreading and compacting	178.200	cum	3513.73	626146.69	Rupees Six Lakh Twenty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					Six Thousand One Hundred Forty Six And Sixty Nine paise Only
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.	2970.000	sqm	80.08	237837.60	Rupees Two Lakh Thirty Seven Thousand Eight Hundred Thirty Seven And Sixty Zero paise Only
4.005	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.	2970.000	sqm	15.38	45678.60	Rupees Forty Five Thousand Six Hundred Seventy Eight And Sixty 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)	148.500	cum	9076.76	1347898.86	Rupees Thirteen Lakh Forty Seven Thousand Eight Hundred Ninety Eight And Eighty Six paise Only
4.007	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.	2970.000	sqm	12.69	37689.30	Rupees Thirty Seven Thousand Six Hundred Eighty Nine And Thirty Zero paise Only
4.008	5.6.2.a - Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output	89.100	cum	13909.65	1239349.82	Rupees Twelve Lakh Thirty Nine Thousand Three Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of 75 tonnes per hour using crushed aggregates of specified grading, premixed with a bituminous binder(NRMB) @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects For Grading - II (13.2 mm Nominal Size)					Forty Nine And Eighty Two paise Only

The above work awarded to the contractor Ravi P K,AENPR9812E, at his quoted rate for individual items at a total accepted PAC 20857677(Two Crore Eight Lakh Fifty Seven Thousand Six Hundred and Seventy Seven Only) as per the condition of the contract.

