

**15 -ാം കേരള നിയമസഭ**

**8 -ാം സമ്മേളനം**

**നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 1245**

**07-02-2023 - ൽ മറുപടിയ്ക്ക്**

**അങ്കമാലി-പറവൂർ റോഡ് നവീകരണം**

ചോദ്യം		ഉത്തരം	
ശ്രീ. അൻവർ സാദത്ത്		ശ്രീ. പി.എ.മുഹമ്മദ് റിയാസ് (പൊതുമരാമത്ത്-വിനോദസഞ്ചാര വകുപ്പ് മന്ത്രി)	
(എ)	<p>ആലുവ, അങ്കമാലി-പറവൂർ റോഡിൽ കാരയ്ക്കാട്ട് കൂന്ന് മുതൽ പൊയ്ക്കാട്ടുശ്ശേരി വരെയുള്ള ഭാഗം നവീകരിക്കുന്നതിനായി നൽകിയ അപേക്ഷയിൽ പി.ഡബ്ല്യു.ഡി. സെക്രട്ടറി (പി.ഡബ്ല്യു.ഡി - ജി2/150/2021-പി.ഡബ്ല്യു.ഡി.) നാളിതുവരെ എന്തെല്ലാം നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ടെന്ന് വ്യക്തമാക്കാമോ;</p>	(എ)	<p>ആലുവ അങ്കമാലി - പറവൂർ റോഡിൽ കാരയ്ക്കാട്ട് കൂന്ന് മുതൽ പൊയ്ക്കാട്ടുശ്ശേരി വരെയുള്ള ഭാഗം നവീകരിക്കുന്നതിനായി ബഹുമാനപ്പെട്ട ആലുവ എം.എൽ.എ. നൽകിയ അപേക്ഷ സർക്കാർ നിരത്ത് വിഭാഗം ചീഫ് എഞ്ചിനീയർക്ക് അയച്ചു കൊടുത്തിരുന്നു. ചീഫ് എഞ്ചിനീയർ സമർപ്പിച്ച എസ്റ്റിമേറ്റിന് 06.05.2022 -ലെ സർക്കാർ ഉത്തരവ് പ്രകാരം മൂന്നു കോടിയുടെ ഭരണാനുമതി നൽകിയിട്ടുണ്ട്. തുടർന്ന് Order No.PWD/RB/ ESTTS/ 98921/2021-5-1 dated 18.12.2022 പ്രകാരം സാങ്കേതികാനുമതി നൽകുകയും തുടർന്ന് ടെണ്ടർ ചെയ്യുകയും ചെയ്തു ടെണ്ടറിൽ ശ്രീ.പി.പി.അബൂബക്കർ എന്ന കരാറുകാരന് സെലക്ഷൻ നോട്ടീസ് നൽകിയിട്ടുള്ളതുമാണ്. താമസംവിനാ കരാറിലേർപ്പെട്ട് പ്രവൃത്തി ആരംഭിക്കുന്നതാണ്. ഇതുമായി ബന്ധപ്പെട്ടു നിരത്തുവിഭാഗം ചീഫ് എഞ്ചിനീയർ നടത്തിയ കത്തിടപാടുകളുടെ പകർപ്പുകൾ അനുബന്ധമായി ചേർക്കുന്നു.</p>
(ബി)	<p>പ്രസ്തുത വിഷയത്തിൽ നിരത്ത് വിഭാഗം ചീഫ് എഞ്ചിനീയർ (സി.ഇ.പി.ഡബ്ല്യു.ഡി./6812/2021) നാളിതുവരെ എന്തെല്ലാം നടപടികളാണ് സ്വീകരിച്ചിട്ടുള്ളതെന്ന് അറിയിക്കാമോ; ഇതുവരെ നടത്തിയ കത്തിടപാടുകളുടെ പകർപ്പുകൾ ലഭ്യമാക്കാമോ;</p>	(ബി)	<p>ആലുവ അങ്കമാലി - പറവൂർ റോഡിൽ കാരയ്ക്കാട്ട് കൂന്ന് മുതൽ പൊയ്ക്കാട്ടുശ്ശേരി വരെയുള്ള ഭാഗം നവീകരിക്കുന്നതിനായി ബഹുമാനപ്പെട്ട ആലുവ എം.എൽ.എ. നൽകിയ അപേക്ഷ സർക്കാർ നിരത്ത് വിഭാഗം ചീഫ് എഞ്ചിനീയർക്ക് അയച്ചു കൊടുത്തിരുന്നു. ചീഫ് എഞ്ചിനീയർ സമർപ്പിച്ച എസ്റ്റിമേറ്റിന് 06.05.2022 -ലെ സർക്കാർ ഉത്തരവ് പ്രകാരം മൂന്നു കോടിയുടെ ഭരണാനുമതി നൽകിയിട്ടുണ്ട്. തുടർന്ന് Order No.PWD/RB/ ESTTS/ 98921/2021-5-1 dated 18.12.2022 പ്രകാരം സാങ്കേതികാനുമതി നൽകുകയും തുടർന്ന് ടെണ്ടർ ചെയ്യുകയും ചെയ്തു ടെണ്ടറിൽ ശ്രീ.പി.പി.അബൂബക്കർ എന്ന കരാറുകാരന്</p>

			<p>സെലക്ഷൻ നോട്ടീസ് നൽകിയിട്ടുള്ളതുമാണ്. താമസംവിനാ കരാറിലേർപ്പെട്ട് പ്രവൃത്തി ആരംഭിക്കുന്നതാണ്. ഇതുമായി ബന്ധപ്പെട്ടു നിരത്തുവിഭാഗം ചീഫ് എഞ്ചിനീയർ നടത്തിയ കത്തിടപാടുകളുടെ പകർപ്പുകൾ അനുബന്ധമായി ചേർക്കുന്നു.</p>
(സി)	<p>ഈ പദ്ധതിയ്ക്ക് ആവശ്യമായ ഫണ്ട് അനുവദിച്ചു എത്രയും വേഗം പ്രവൃത്തി പൂർത്തിയാക്കുന്നതിനാവശ്യമായ നടപടികൾ സ്വീകരിക്കുമോയെന്ന് വ്യക്തമാക്കുമോ?</p>	(സി)	<p>ആലുവ അങ്കമാലി - പറവൂർ റോഡിൽ കാരയ്ക്കാട്ട് കൂന്ന് മുതൽ പൊയ്ക്കാട്ടുശ്ശേരി വരെയുള്ള ഭാഗം നവീകരിക്കുന്നതിനായി ബഹുമാനപ്പെട്ട ആലുവ എം.എൽ.എ. നൽകിയ അപേക്ഷ സർക്കാർ നിരത്ത് വിഭാഗം ചീഫ് എഞ്ചിനീയർക്ക് അയച്ചു കൊടുത്തിരുന്നു. ചീഫ് എഞ്ചിനീയർ സമർപ്പിച്ച എസ്റ്റിമേറ്റിന് 06.05.2022 -ലെ സർക്കാർ ഉത്തരവ് പ്രകാരം മൂന്നു കോടിയുടെ ഭരണാനുമതി നൽകിയിട്ടുണ്ട്. തുടർന്ന് Order No.PWD/RB/ ESTTS/ 98921/2021-5-1 dated 18.12.2022 പ്രകാരം സാങ്കേതികാനുമതി നൽകുകയും തുടർന്ന് ടെണ്ടർ ചെയ്യുകയും ചെയ്തു ടെണ്ടറിൽ ശ്രീ.പി.പി.അബൂബക്കർ എന്ന കരാറുകാരന് സെലക്ഷൻ നോട്ടീസ് നൽകിയിട്ടുള്ളതുമാണ്. താമസംവിനാ കരാറിലേർപ്പെട്ട് പ്രവൃത്തി ആരംഭിക്കുന്നതാണ്. ഇതുമായി ബന്ധപ്പെട്ടു നിരത്തുവിഭാഗം ചീഫ് എഞ്ചിനീയർ നടത്തിയ കത്തിടപാടുകളുടെ പകർപ്പുകൾ അനുബന്ധമായി ചേർക്കുന്നു.</p>

സെക്ഷൻ ഓഫീസർ

No. CE/RD/PLG/EKM/RB/EST/98921/2021\_5\_1(EDIT ID:3)

O/o the Chief Engineer  
Public Works Department,  
Roads,  
Thiruvananthapuram  
Dated: 17/01/2022

From

The Chief Engineer,

To

The Principal Secretary  
Public Works Department,  
Govt. Secretariat,  
Thiruvananthapuram.

Sir,

Sub:- Submission of Estimate for Administrative Sanction and Special Sanction –  
Reg:-

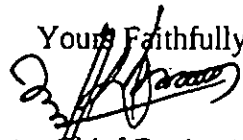
Ref:- (1) PWD/RB/EST/98921//2021\_5\_1(EDIT ID:3)  
(2) Govt.Lr.No.PWD-G2/147/2021-pwd dtd. 11.08.2021

I am submitting herewith the estimate based on DSOR 2018, received from the Superintending Engineer, Roads, Aluva, for Administrative Sanction and Special Sanction. In the budget 2021-22, Volume II Part 2 Page No.154, Sl No.2617 the work of Improvements to Chowara Mangalapuzha road was included in the 20% provision having a estimate amount Rs.300 Lakhs with budget provision 60 lakhs. But in this road KIIFB work is sanctioned. Nopw the MLA Aluva constituency has requested the Hon'ble Minister to substitute with the work "Improvements to Angamaly Paravur Road from Ch 3/500 to 5/400.

Details of the work are furnished below. The nature and necessity of the work is explained in the accompanying report. I request that necessary action may be taken to accord Administrative Sanction for this work.

SL NO	Name of Work	Estimate Amount (Lakhs)	Head of Account	Constituency
1	Improvements to Angamaly Paravur Road from Ch3/500 to 5/400	300	5054-04-337-99	Aluva

Yours Faithfully

  
Chief Engineer
S  
D/S

EST NO:PWD/RB/EST/98921/2021\_5\_1 (EDIT ID: 3)  
 (Dsr year:2018, Cost Index (Place:Ernakulam, Value:135.59), GST:12%

**GENERAL ABSTRACT**

GENERAL-BW-2020-2021 Improvement work-Ankamali Pravur road ch.3/500 to 5/400 with

BM&BC

-General Civil Work-I

SI No	Head Description	Amount	
1	I.Appendix A:Road Works	26547552.37	
	<b>Total Estimation PAC</b>	26547552.37	
SI No	Description	Percentage/LS	Amount
<b>L</b>	<b>Lumsum Heading</b>		
L.001	Charges for Utility shifting - KSEB		
		@LS	166741.35
L.002	Charges for Utility shifting - KWA		
		@LS	25000.00
L.003	Charges for Utility shifting - BSNL		
		@LS	25000.00
L.004	LS Amount for puramboke survey		
		@LS	50000.00
	<b>Total Lumsum Amount</b>		266741.35
<b>C</b>	<b>Extra Charges</b>		
C.001	Provision for GST		
	26547552.37	12.00%	3185706.28
	<b>Grand Total</b>		0.00
	<b>Round off</b>		0.00
	<b>Rounded Total(Rs)</b>		30000000.00
	Rupees Three Crore		

EST NO:PWD/RB/EST/98921/2021\_5\_1 (EDIT ID: 3)  
(Dsr year:2018, Cost Index (Place:Emakulam, Value:135.59), GST:12%

## ESTIMATE REPORT

GENERAL-BW-2020-2021 Improvement work-Ankamali Pravur road ch.3/500 to 5/400 with  
BM&BC  
-General Civil Work-I

Submitted for AS

Ankamali Pravur road is an important MDR in Aluva LAC which connects the two cities Ankamali and Paravur via Mekkad, Karakkattukunnu, Paoikattussery. This road has a total length of 5.400 km under Roads Section Aluva. The existing road condition of road from ch 3/500 to 5/400 is very pathetic. This estimate is proposed to upgrade the road with BM and BC with construction of drain is mainly proposed in this estimate from Ch. 3/500 to 5/400 and also with necessary other items.

Provisions for BM and BC with traffic safety arrangements, reconstruction and construction of drains with covering slab, irish drain, interlocking tile works etc are included in this estimate.

Estimate is prepared with DSR 2018 and cost index 35.59% including GST @ 12% and the total amount comes to 300.00 lakhs.

EST NO:PWD/RB/EST/98921/2021\_5\_1 (EDIT ID: 3)  
 (Dsr year:2018, Cost Index (Place:Ernakulam, Value:135.59), GST:12%

### ABSTRACT ESTIMATE

GENERAL-BW-2020-2021 Improvement work-Ankamali Pravur road ch.3/500 to 5/400 with

BM&BC

-General Civil Work-1

SI No	Specification	Quantity	Rate	Amount
1	<b>1.Appendix A:Road Works</b>			
1.001	2.2			
	Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area			
	Net Total	0.196Hectare	@47798.38/Hectare	9368.48
1.002	3.3			
	Excavation for road way in soil with Dozer including cutting and pushing the earth to site of embankment upto a distance of 100 metres (average lead 50 metres). including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.			
	Net Total	330.000cum	@161.80/cum	53394.00
1.003	55.4			
	Supplying and stacking 36mm size hard broken stone in standard heaps for measurement.			
	Net Total	32.887cum	@2303.09/cum	75741.72
1.004	55.8.a			
	Filling up pot holes (cut and formed to regular shapes and all loose and defective materials removed) after supplying a prime coat of hot bitumen using 36mm departmental broken stone and compacting with power roller to get a compact surface.			
	Net Total	32.887cum	@4507.38/cum	148234.21
1.005	2.4.2.A			
	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres Cement Concrete Grade M-15 & M-20 - By Mechanical Means			
	Net Total	249.938cum	@686.62/cum	171612.43
1.006	3.13.1.B			
	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work. Ordinary soil - Mechanical Means - (Depth upto 3 m)			

EST NO:PWD/RB/EST/98921/2021\_5\_1 (EDIT ID: 3)  
(Dsor year:2018.Cost Index (Place:Ernakulam,Value:135.59).GST:12%

SI No	Specification	Quantity	Rate	Amount
	Net Total	657.000cum	@57.25/cum	37613.25
1.007	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			
	Net Total	1138.500cum	@48.56/cum	55285.56
1.008	3.15			
	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead upto 1000 metres by Mechanical Means			
	Net Total	9000.000sqm	@5.60/sqm	50400.00
1.009	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			
	Net Total	387.000cum	@3271.65/cum	1266128.55
1.010	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.			
	Net Total	1833.375cum	@3241.37/cum	5942646.72
1.011	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.			
	Net Total	10260.000sqm	@59.02/sqm	605545.20
1.012	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.			
	Net Total	21332.500sqm	@10.40/sqm	221858.00
1.013	55.22			
	Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete.			
	Net Total	600.000sqm	@1184.01/sqm	710406.00

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(Dsr year:2018, Cost Index (Place:Ernakulam, Value:135.59), GST:12%

SI No	Specification	Quantity	Rate	Amount
1.014	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)			
	Net Total	553.625cum	@7530.93/cum	4169311.12
1.015	5.6.2.a			
	Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with a bituminous binder( NRMB) @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects For Grading - II (13.2 mm Nominal Size)			
	Net Total	219.188cum	@11523.28/cum	2525764.70
1.016	55.24			
	Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average out put of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder (NRMB) @ 5.4 percent of mix and filler, transporting the hotmix 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 (using 7% shredded plastic) Grading - II (13.2 mm nominal size)			
	Net Total	111.188cum	@11251.82/cum	1251067.36
1.017	12.4			
	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.			
	Net Total	217.100cum	@6451.17/cum	1400549.01
1.018	12.8.A.1			
	Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. PCC Grade M15			
	Net Total	496.250cum	@7436.84/cum	3690531.85
1.019	12.8.1.C			
	Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications RCC Grade M20 - Using Concrete Mixer - (Without formwork)			
	Net Total	90.800cum	@7781.54/cum	706563.83
1.020	12.8.1.C.1			
	Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and			



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(Dsor year:2018, Cost Index (Place:Ernakulam, Value:135.59), GST:12%

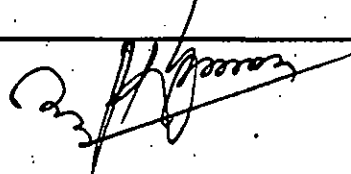
SI No	Specification	Quantity	Rate	Amount
	Technical Specifications RCC Grade M20 - Using Concrete Mixer			
	Net Total	148.900cum	@8092.80/cum	1205017.92
1.021	12.40			
	Supply, Fitting and Placing un- coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications			
	Net Total	14.553MT	@88174.81/MT	1283208.01
1.022	8.35			
	Providing and fixing reflective road studs (Raised Pavement Marker) of ' category A' made out of ASA/HIPS/ABS moulded body with shanks and conforming to ASTM D 4280, strong enough to support a load of more than 13.635 T when tested in accordance with ASTM D 4280, reflective panel conforming to ASTM D 788, and reflectivity conforming to clause 804.4, including installation, drilling, fixing with adhesive etc, with 2 years warranty for the road stud as well as for in field performance as per clause 804.7.3 Road Markers/Road Stud with Lense Reflector :-			
	Net Total	1470.000no	@199.59/no	293397.30
1.023	8.4.2			
	Providing and fixing of retro- reflectorised cautionary, mandatory and inforatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB confirming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 60 cm equilateral triangle			
	Net Total	20.000each	@3765.90/each	75318.00
1.024	8.13			
	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectofising glass beads on Bituminous Surface @ 250.gms per sqm area, the thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform, and free from streaks and holes.			
	Net Total	641.300sqm	@503.83/sqm	323106.18
1.025	55.10.1			
	Providing and erecting retro-reflectorised Object Hazard Marker 300mm x 900mm Providing and erecting retro-reflectorised Object Hazard Marker sign with 07 years warranty, manufactured as per IRC 67 USING Type IV ASTM D 4956-09 micro prismatic retro reflective sheeting fixed over aluminium sheetig, 2 mm thick / aluminium composit material sheeting 4 mm thick with suitable back support frame and supported on a mild steel angle iron post 75mmx75mmx6mm, firmly fixed 30cm above ground level by means of properly designed foundation with M 15 grade cement concrete 30cmx30x45cm, 45cm below ground level including painting all non-reflective faces with epoxy paint 2 coats over epoxy primer as per approved drawing and clause 801. 300 mm x 900 mm			
	Net Total	30.000each	@2849.47/each	85484.10

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SI No	Specification	Quantity	Rate	Amount
1.026	8.5			
	Providing and fixing of direction and place identification retro-reflectorised sign with 7 years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting fixed over aluminium sheeting, 2 mm.thick/ aluminium composit material sheeting 4 mm thick with area not exceeding 0.9 sqm, with suitable back supporting frame of MS angle 40x40x6 and supported on GI pipe pole 50mm NB conforming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc.			
	Net Total	6.400sqm	@8980.44/sqm	57474.82
1.027	8.4.12			
	Providing and fixing of retro- reflectorised cautionary, mandatory and inforatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting fixed over aluminum sheeting, 2 mm thick/aluminum composite material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB conforming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 50cmx 60 cm rectangular (Single chevron etc.)			
	Net Total	10.000each	@4387.04/each	43870.40
1.028	8.15			
	Supplying and installation of delineator (Roadway indicators) posts 80- 100cm high above ground level, pained black, and white in 15 cm wide strips, fitted with min. 80 x 100 mm rectangular or 75 mm dia circular retro reflectorized panels at the top with minimum visibility of 300m with provisions to prevent edge lifting and vandalisam, and conforming to clause 806 , IRC-79 and the drawings including fixing to ground. (The deleniator shall be of approved type as per specification)			
	Net Total	50.000each	@573.27/each	28663.50
1.029	OD41408/2021-2022			
	Engaging wood cutters for cutting and removing the branches and trees dangerously hanging over the roadway			
	Net Total	5.000Day	@1012.27/Day	5061.35
1.030	OD41410/2021-2022			
	Coolies engaged for assisting the wood cutter and controlling traffic			
	Net Total	10.000Day	@915.48/Day	9154.80
1.031	OD41422/2021-2022			
	Coolies engaged for clearing accumulated silt & dirt, removing collected debris, removing and replacing RCC cover slabs etc. complete			
	Net Total	50.000Day	@915.48/Day	45774.00

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 (Dsr year:2018, Cost Index (Place:Ernakulam, Value:135.59), GST:12%

SI No	Specification	Quantity	Rate	Amount
	Heading Total(Rs)			26547552.37
	Total Estimation PAC			26547552.37
SI No	Description	Percentage/LS	Amount	
<b>2 Lumsum Heading</b>				
2.001	Charges for Utility shifting - KSEB	null	null%	166741.35
2.002	Charges for Utility shifting - KWA	0.00	0.00%	25000.00
2.003	Charges for Utility shifting - BSNL	0.00	0.00%	25000.00
2.004	LS Amount for puramboké survey	0.00	0.00%	50000.00
	Total Lumsum Amount			266741.35
<b>3 Extra Charges</b>				
2.001	Provision for GST	26547552.37	12.00%	3185706.28
	Grand Total			0.00
	Round off			0.00
	Rounded Total(Rs)			30000000.00
	Rupees Three Crore			

  
 CHIEF ENGINEER  
 PWD ROADS  
 THIRUVANANTHAPURAM  
 PIN: 695 033

**TECHNICAL SANCTION FOR WORKS****OFFICE OF THE CHIEF ENGINEER ROADS , Public Works Department****ORDER No. PWD/RB/EST\_TS/98921/2021\_5\_1 Dated: 18-12-2022**Digitally signed by AJITH RAMACHAN  
Date:2022.12.18 07:05:56 +05:30

<b>Circle:</b>	Roads Central Circle	
<b>Division:</b>	Roads Division Ernakulam	
<b>Sub Division:</b>	Roads Sub Division Aluva	
<b>Work Name:</b>	GENERAL- Improvements to Angamali Paravur Road -from ch.3/500 to 5/400. -General Civil Work-1	
<b>Duration of Work:</b>	7 Month[s]	
<b>Amount for which Technical Sanction Issued:</b>	30000000.00	
<b>Reference to Administrative Sanction</b>		
<b>1</b>	<b>Number</b>	512/2022/PWD
	<b>Date</b>	06-05-2022
	<b>Amount</b>	30000000.00
	<b>Source of Fund</b>	5054-04-337-99-00-16-00-P-V Capital Outlay On Roads And Bridges,district And Other Roads,road Works,major District Roads -developements And Improvements,

Technical Sanction issued for the above work is entered in the Technical Sanction Register vide register number **14795/2022-2023**

sd/-  
(PEN:129028)  
Chief Engineer



## GOVERNMENT OF KERALA

### Abstract

Public Works Department - Administrative Sanction and Special Sanction for the work "Improvements to Angamaly Paravur Road from Ch.3/500 to 5/400 by substituting the work "Improvements to Chowara Mangalappuzha Road"-Accorded-Orders issued.

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### PUBLIC WORKS (G) DEPARTMENT

G.O.(Rt)No.512/2022/PWD Dated, Thiruvananthapuram, 06-05-2022

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Read 1 Letter No.CE/RD/PLG/EKM/RB/EST/98921/2021 - 5 - 1  
(EDIT ID:3) dated 17.01.2022 from the Chief Engineer  
Roads, PWD, Thiruvananthapuram.

### ORDER

The Chief Engineer (Roads) in his letter read above has requested to issue Administrative Sanction for the work "Improvements to Angamaly Paravur Road from Ch:3/500 to 5/400" for an estimate amount of Rs.300 lakhs under the H/A 5054-04-337-99-MDR in Aluva Constituency by substituting the work "Improvement to Chowara Mangalappuzha Road."

2.Government have examined the matter in detail and are pleased to accord Administrative Sanction & Special Sanction for the work "Improvements to Angamaly Paravur Road from Ch:3/500 to 5/400 for an estimate amount of Rs.300 lakhs (Rupees Three Hundred Lakhs only) under the H/A 5054-04-337-99-MDR in Aluva Constituency by substituting the work "Improvements to Chowara Mangalappuzha Road".

(By order of the Governor)

AJITH K JOSEPH  
ADDITIONAL SECRETARY

To:

The Chief Engineer(roads), Thiruvananthapuram.

The Superintending Engineer, Central Circle, Aluva.

The Executive Engineer, Roads Division, Angamaly.

The Accountant General(Audit/A&E), Kerala, Thiruvananthapuram.

The Finance Department (videU.ONo. 2028986/I&PW-B1/57/2022-FIN dated 19.04.2022).

Stock File/OC/Web&New Media.

Forwarded /By order

Signed by Hemaletha R

Date: 07-05-2022 10:51:16

Section Officer