

Minutes of 118th Steering Committee of Kerala State Transport Project

Date & Time : 24th May 2021 at 11.30 AM
Place : Virtual Conference- Google Meet

Present:

1. **Dr. V P Joy IAS**
Chief Secretary
2. **Sri. Rajesh Kumar Singh IAS**
Additional Chief Secretary, Finance Department
3. **Sri. T.K. Jose IAS**
Additional Chief Secretary, Water Resources Department
4. **Dr. A. Jayathilak IAS**
Principal Secretary, Revenue Department
5. **Sri. Anand Singh IAS**
Secretary, Public Works Department
6. **Smt. Darlene Carmelita D'Cruz**
Chief Engineer (Projects), KSTP
7. **Sri. Ajith Ramachandran**
Chief Engineer (Roads), PWD

Handwritten signatures and initials, including a large signature and the date '24/5'.

Item No. 01 : Confirmation of 117th Steering Committee Minutes

: Confirmed.

Item No. 02 : Action taken report on the decision of the 112th Steering Committee.

: The steering committee noted the action taken report.

Item No. 03 : Bid Evaluation Report –RKI Packages

(a) Rebuild Kerala Initiative (RKI) - Up gradation of Muvattupuzha - Theni Road (Length 16.180 km) in Ernakulum District under KfW funding.

The bid invitation was published in the dailies Kerala Kaumudy and Times of India on 10/09/2020 and in the Kerala e-tender portal on 23/12/2020 with last date of submission of bid as on 08/02/2021. Two bidders had submitted the bid. Both are Responsive

Sl. No.	Name of bidder	Quoted amount in INR (Including Taxes and Maintenance Cost)	Percentage Variation with the Estimate amount
1	M/s. Marymatha Infrastructure (P) Ltd.	Rs.88,61,44,843.41/-	9.52 % Above
2	M/s Sreedhanya Construction Company	Rs. 87,73,48,523.93/-	8.44 % Above

M/s Sreedhanya Construction Company quoted Rs. 87,73,48,523.93/-against the estimated cost of Rs. 80,91,00,000/- which is 8.44% above the estimate amount

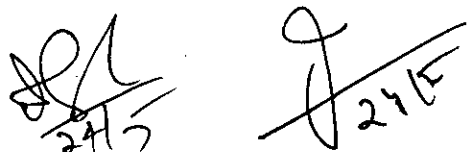
Resolution 1:

M/s Sreedhanya Construction Company is awarded the work of Rehabilitation and Up gradation of Muvattupuzha-Theni Road (Length 16.180 km) in Ernakulum District under Rebuild Kerala Initiative (RKI) at their quoted rate of Rs. 87,73,48,523.93/- including all taxes and duties, GST and maintenance for 5 years (8.44% above the estimate amount).

(b) Rebuild Kerala Initiative (RKI) in Kumarakom - Nedumbassery Road (Length 21.40 km) in Ernakulum District under KfW funding.

The bids were invited for the above work after giving wide publicity in National dailies and in the Kerala e-tender portal on 12.01.2021 with last date of bid submission as on 26.02.2020. Three bidders are substantially responsive in their technical bids. Price quoted by the lowest responsive bidder, M/s Ray Engineering Ltd – PRL(JV) is Rs.97.88 Cr, which is 1.06% above the estimated cost of Rs. 96.85Cr

Sl. No.	Name of bidder	Quoted amount in INR (Including Taxes and Maintenance Cost)	Percentage Variation with the Estimate amount
---------	----------------	---	---

 24/5

Minutes of 118th Steering Committee of Kerala State Transport Project

1	M/s. Marymatha Infrastructure (P) Ltd.	Rs.88,61,44,843.41/-	9.52 % Above
2	M/s Sreedhanya Construction Company	Rs. 87,73,48,523.93/-	8.44 % Above

Letter of Acceptance issued to lowest responsive bidder, M/s. Ray Engineering Ltd- PRL (JV) on 21.04.2021

Resolution 2:

As per 117 Steering Committee, Resolution No.5 – The action taken by the Project Director, KSTP to issue Letter of Acceptance to M/s. Ray Engineering Ltd –PRL(JV) at their quoted amount of Rs. 97,88,12,349.93 /- is ratified

(c) Rebuild Kerala Initiative (RKI)- Rehabilitation and Upgrading Mallapally-Komalam Road, TMV Road (Vennikulam-Narakathani Road), Kavungumprayar-Patakala Road, Komalam-Kalluppara Road, Kadankulam- Chengaroor Road, Moosarikarale-Pariyaaram Road, Kavupuram-Palathinkal Road&Kavupuram-Paduthodu Road in Pathanamthitta District (Length 23.129 Km) under KfW funding.

Rehabilitation and Upgrading Mallapally-Komalam Road, TMV Road (Vennikulam-Narakathani Road), Kavungumprayar-Patakala Road, Komalam-Kalluppara Road, Kadankulam- Chengaroor Road, Moosarikarale-Pariyaaram Road, Kavupuram-Palathinkal Road&Kavupuram-Paduthodu Road. The bids were invited for the above work after giving wide publicity in National dailies on 11.09.2020 and in the Kerala e-tender portal on 15.10.2020 with last date of bid submission as on 30.11.2020. Two bidders submitted the bids and both bidders are found substantially responsive

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s. PCPL-SM (JV) M/s. Palathra Constructions(P)Ltd –Mr. Sony Mathew.	Rs.1,18,64,97,114.97/-
2	M/s. SPL –RM (JV) M/s. SPL Infrastructure (P) Ltd - M/s. Raji Mathew & Co.	Rs. 1,02,89,98.658.06/-

Price quoted by the lowest responsive bidder, M/s. SPL –RM (JV) is Rs.102,89 Cr, which is 3.95 % above the estimated cost of Rs. 98.98Cr

Resolution 3:

As per 117 Steering Committee, Resolution No.5 – The action taken by the Project Director, KSTP to issue Letter of Acceptance to M/s. SPL Infrastructure (P) Ltd - M/s. Raji Mathew & Co (JV) at their quoted amount of Rs. 1,02,89,98.658.06/- is ratified.

(d) Rebuild Kerala Initiative (RKI) in Malamekkara-Kunnathukala-Chala-Puthenchanda Factory Junction -Azad Junction road (Length 7.866 km) in Pathanamthitta District under KfW funding

The bids were invited for the above work after giving wide publicity in National dailies and in the Kerala e-tender portal on 21.08.2020 with last date of bid submission as on 05.10.2020. Two bidders submitted the bids and both are responsive

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s. KNM-EKK (JV) M/s K.N. Madhusoodanan in JV With M/s EKK Infrastructure Ltd., Sreenikethan, Kalanjoor, Kerala - 689694	28,80.00,428.01/-

[Handwritten signatures and dates]
24/5

2	M/s. Raji Mathew & Co., Pamplaniyil, Bharananganam P.O, Kottayam.	31,54,60,011.46/-
---	---	-------------------

Price quoted by the lowest responsive bidder, M/s KNM-EKK (JV) is Rs.28.8 Cr, which is 4.08% above the estimated cost of Rs. 27.67 Cr

Resolution 4:

As per 117 Steering Committee, Resolution No.5 – The action taken by the Project Director, KSTP to issue Letter of Acceptance to M/s.KNM-EKK (JV) at their quoted amount of Rs.28,80,00,428.01/- is ratified.

e) Rebuild Kerala Initiative (RKI) in Mookkannur-Ezhattumugham Road and Blachippara Pallissery Road (Length 19.95 km) in Ernakulam District under KfW funding.

The bids were invited for the above work after giving wide publicity in National dailies and in the Kerala e-tender portal on 08.09.2020 with last date of bid submission as on 22.10.2020 which was extended upto 02.11.2020. Four bidders submitted the bids and all are responsive

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s. Marymatha-Akshaya (JV), Marymatha Square, Arakuzha Road, Muvattupuzha - 686661	91,88,65,343.83/-
2	M/s. Tarmat Ltd, Malad East, Mumbai – 400 097	98,45,43,721/-
3	M/s SPL-AF JV, No.15, KasturiRangan Road, Alwarpet, Chennai - 600018	103,48,61,288.35/-
4	M/s Antech-RBL JV, Ombalayil, Kolenchery, Ernakulam - 682311	98,54,94,666/-

Price quoted by the lowest responsive bidder, M/s Marymatha-Akshaya (JV) is Rs.91.88 Cr, which is 0.01% above the estimated cost.

Resolution 5:

- **As per 117 Steering Committee, Resolution No.5 – The action taken by the Project Director, KSTP to issue Letter of Acceptance to M/s.KNM-EKK (JV) at their quoted amount of Rs.28,80,00,428.01/- is ratified.**

(f) Rebuild Kerala Initiative (RKI) in Veeyapuram-Edathua-Puthukkary-Mambuzhakkary-Kidangara-Kunnamgary-Valady-Mulakkamthuruthy Road (Length 21.457 km) in Alappuzha District under KfW funding.

The bids were invited for the above work after giving wide publicity in National dailies and in the Kerala e-tender portal on 03.11.2020 with last date of bid submission as on 18.12.2020. The technical bid Opening was conducted on 18.12.2020 at 15.30 hrs. Three bidders submitted the bids.

The Evaluation Committee reviewed the technical bids and found that two bidders, M/s Tarmat Ltd and M/s Sreedhanya Construction Company are responsive in their technical bids. The details are as follows:

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s. Tarmat Ltd, Malad East, Mumbai – 400 097	135,65,14,482/-

[Handwritten signatures and dates]
24/12 24/12

2	M/s Sreedhanya Construction Company, TC 9/875, Sasthamangalam P.O, TVM – 695 010	108,88,79,773.21/-
---	---	--------------------

Price quoted by the lowest responsive bidder, M/s Sreedhanya Construction Company is Rs.108.88 Cr, which is 4.79% above the estimated cost of Rs. 103.91 Cr.

Resolution 6:

- As per 117th Steering Committee, Resolution No.5 – The action taken by the Project Director, KSTP to issue Letter of Acceptance to M/s. Marymatha-Akshaya (JV) at their quoted amount of Rs.91,88,65,343.83/- is ratified

(h) Strengthening of Trauma Care in Safe Corridor Demonstration Project -KSTP II- Road Safety Capacity Building and Program Management- Strengthening Trauma Care services on Safe Corridor Demonstration Project (Kazhakuttom to Adoor)-Govt. Medical College, Thiruvananthapuram-Electrification in Trauma Care unit Ward No.7 and 8 at Medical College, Thiruvananthapuram– Part-II-Air Conditioning.

Strengthening of Trauma Care in Safe Corridor Demonstration Project -KSTP II- Road Safety Capacity Building and Program Management- Strengthening Trauma Care services on Safe Corridor Demonstration Project (Kazhakuttom to Adoor)-Govt. Medical College, Thiruvananthapuram-Electrification in Trauma Care unit Ward No.7 and 8 at Medical College, Thiruvananthapuram– Part-II-Air Conditioning. As part of Strengthening of Trauma care facility at Medical College, Thiruvananthapuram, Air conditioning of Trauma Care wards 7 & 8 of the hospital is proposed for an estimated amount of Rs 38,44,178/-. Only one quotation was received which is from a contractor having PWD ' C ' Class Electrical AC license: Sarath.SS, Panayil Veedu, TC6/573, Cheruvaikkal, Thiruvikkal P O Trivandrum 695011. The quoted amount is Rs.42,28,596.54/- without taxes which is 10% excess of the estimated PAC .It was informed that PWD C-Class license holder is only eligible to take work upto 5 lakhs only.The estimated cost of this work is Rs.38,44,179/-.

It is recommended from the Electrical Division that considering the situation of no response even after 4 tenders, the work may be awarded to C -Class contractor with additional Performance Guarantee and permission from the PWD Registration Authority (Chief Electrical Engineer). Other Trauma Care infrastructure works and Installation of Medical Equipment was affected by the delay of awarding this work. The work is now completed

No.	Name of Bidder	Quoted Amount	Remarks
1	Sarath S S Intimate Refrigeration & Air conditions Akkulam, Thiruvananthapuram	42,28,596.54	10% above

Resolution 7:

Action of award of the work KSTP II- Road Safety Capacity Building and Program Management-Electrification in Trauma Care unit Ward No.7 and 8 at Medical College, Thiruvananthapuram– Part-II-Air Conditioning to PWD ' C ' Class contractor Sri. Sarath S S ,Intimate Air Conditioners, Panayil Veedu, Cheruvaikal, Thiruvikal P O Thiruvananthapuram for an amount of 42,28,596 (without Taxes) by obtaining an additional performance security of Rs.50,000/- is ratified.

[Handwritten signatures and dates]
24/5

(i) Bid Evaluation Report-Services for conducting Road inventory and pavement structural, functional, condition & traffic Data Collection survey of 3000 KM selected Core Road Network of the State of Kerala.

The scope of services shall comprise

- Road Inventory and condition data collection of 3000km of selected roads using advanced Network Survey Vehicle
- Pavement deflection data collection of 3000km of selected roads using vehicle mounted Falling weight Deflectometer
- Traffic survey(Two lane)/(Four lane)
- Axle load survey
- Trial pit
- Core cutting

The bid invitation notice was published in the dailies Times of India and Mathrubhumi dated 09.02.2021.

The bids were published through the Kerala e-tender portal on 19.02.2021 with bid submission date as 23.03.2021 (extended from 16.03.2021). The Bid Opening was conducted on the date and time as scheduled on 23.03.2021 15.30 hrs. 7 bidders submitted bids and found responsive

Details of Price Bids are as follows

Sl. No.	Name of bidder	Quoted amount in INR (Including GST @18%)	Percentage Variation with the Estimate amount
1	M/s. Indian Road Survey and Management Private Limited	2,02,66,500/-	27.60% below
2	M/s. Satra Services and Solutions Pvt. Ltd.	2,35,76,400/-	15.77% below
3	M/s. Sri Infotech	2,34,11,200/-	16.36% below
4	M/s. G-Eng Advisory Services Pvt. Ltd	3,28,33,500/-	17.30% above
5	M/s. Lion Engineering Consultants Pvt.Ltd.	2,65,52,950/-	5.14% below
6	M/s. Ceinsys Tech Limited	1,83,31,241/-	34.51% below
7	M/s. TPF Engineering Pvt. Ltd with TPF GetinsaEuroestudios S.L.(JV)	5,17,42,764/-	84.85% above

The price quoted by the lowest bidder M/s. Ceinsys Tech Limited is Rs. 1,83,31,241/- which is 34.51% below the estimate amount of Rs. 2,79,91,500/-.

As PWD needs urgently to start the RMMS data collection services to match with the requirements in RMMS implementation, the Letter of Acceptance issued to lowest responsive bidder, M/s. Ceinsys Tech Limited on 07/05/2021

Resolution 8:

The action taken by Project Director, KSTP to issue Letter of Acceptance to the lowest responsive bidder, is ratified.

Item No: (04) (a) Consultancy Services for Construction Supervision - Climate-Resilient Reconstruction after Flooding in Kerala –Lot1 and Lot2.

Prequalification notification for the Consultancy Services for Construction Supervision-Climatic-Resilient Reconstruction after Flooding in Kerala was published in the dailies Times of India and Kerala Kaumudi and in the website www.kstp.org.in on 21/08/2020. 10 Consultants have submitted their Expression of Interest. Intercontinental Consultants and Technocrats Pvt. Ltd. (Lead) and M/s. KOCKS CONSULTGMBH, Consulting Engineers, Koblenz/Germany has formed Joint Venture with the same firm, Mukesh & Associates. Hence the EoI of these two firms were also rejected. Out of the 9 remaining, 2 failed to pass the preliminary evaluation (1

 24/5

Minutes of 118th Steering Committee of Kerala State Transport Project

firm participating in 2 JVs). Out of the 7 remaining, 4 did not provide the complete financial information which was further requested to them. 2 provided it within the deadline but 1 did not pass the criteria.

The following four firms that scored a minimum of 70 marks were shortlisted.

1. Altinok Consulting Engineering Inc. (leader), Turkey and Lion Engineering Consultants Private Limited (JV partner), India.
2. Lea Associates South Asia Pvt. Ltd., India, in association with L & T Engineering Ltd. (Sub-consultant), India.
3. SAI Consulting Engineers Pvt. Ltd, India.
4. Tata Consulting Engineers Ltd. (leader), India and Gopa Infra (JV member), Germany

17 roads into two Lots. Lot 1 comprises of 9 roads having a length of 206.23 Kms and Lot 2 is having 8 roads having length of 173.90 Kms. The two Lots having a maximum construction period of 24 months and maintenance period of 48 months

Lot 1

Max. Points	Altinok/Lion	LASA	SAI/Orion	Tata/Gopa
100	75.50	88.50	92.65	72.50

Lot 2

Max. Points	Altinok/Lion	LASA	SAI/Orion	Tata/Gopa
100	76.30	91.60	93.00	74.35

Financial Opening has been done on 21/04/2021 at 11.30. The financial offer from the different Consultants is tabulated below.

Name of Consultants	Lot 1		Lot 2	
	Offer	Tax	Offer	Tax
Altinok Consulting Engineering Inc.-Lion Engineering Consultants Private Limited (JV)	25,16,91,000/-	4,53,04,380/-	21,19,16,000/-	3,81,44,880/-
LEA Associates South Asia Pvt. Ltd.	27,30,56,500/-	4,91,50,170/-	24,99,80,500/-	4,49,96,490/-
SAI Consulting Engineers Private Limited- Orion Infra Consulting Pvt. Ltd.	26,17,48,020/-	4,71,14,644/-	23,16,08,088/-	4,16,89,456/-

First ranked quote of CSC-Lot 1 is 2.66% of the total estimated amount of the packages under Lot 1. First ranked quote of CSC-Lot 2 is 3.30% of the total estimated amount of the packages under Lot 2. As per the loan agreement with KfW 111.44 Crores is appropriated for the Construction Supervision Consultancy works. The total amount for both the Lots comes to 49,33,56,108+Tax (18% GST) (Total including Tax 58.21 Crores).

Now it is decided to include the road under the projects of World Bank adopting Item rate contract mode. Since the work is in Southern district and the procurement of another supervision consultancy is time consuming which may also incur more expenses, this work may be included as a variation to the contract for Lot-2.

Resolution 9:

The applicant No. 4 M/s Tata- Gopa did not achieve the minimum score of 75 points and hence their technical proposal was considered non-responsive (Technical Evaluation report attached). The financial bid of the responsive three bidders were opened accordingly.

1. The Project Consultancy Services for Construction Supervision-Climate-Resilient Reconstruction after Flooding in Kerala-Lot-1 is awarded to SAI Consulting Engineers

[Handwritten signature]
24/5

[Handwritten signature]

Private Limited-Orion Infra Consulting Pvt. Ltd. (JV) for an amount of Rs. 26,17,48,020/-+Tax.

2. The Project Consultancy Services for Construction Supervision-Climate-Resilient Reconstruction after Flooding in Kerala-Lot-2 is awarded to SAI Consulting Engineers Private Limited-Orion Infra Consulting Pvt. Ltd. (JV) for an amount of Rs. 23,16,08,088/-+Tax.
3. .Tvpn-Ponmudi Road included under the Lot 2-Construction Supervision Consultancy as a variation.

(b) Consultancy Services for Authority's Engineer for supervision of "Upgrading Punalur to Ponkunnam road(SH-8) from Km 0+000 to Km 82+173 (Package-8A, Package-8B & Package-8C) and three roads under Rebuild Kerala Initiative.

Agreement for the Consultancy Services for Authority's Engineer for supervision of "Upgrading Punalur to Ponkunnam road(SH-8) from Km 0+000 to Km 82+173 (Package-8A, Package-8B & Package-8C) and three roads under Rebuild Kerala Initiative" has been executed between Project Director, KSTP and M/s Consulting Engineers Group Ltd. for an amount of 12,28,46,400/-+GST.

Sl. No.	Category	Contract Package	Name Of Work	Length (Km)	Construction Period	Maintenance Period
1.	Category A	KSTPII/PMT/UG VIII A	Punalur to Konni	29.840	24 Months	60 Months
2.		KSTPII/PMT/UG VIII B	Konni to Placherry	30.160		
3.		KSTPII/PMT/UG VIII C	Placherry to Ponkunnam	22.173		
4.	Category B	KSTP-II/PMT/RKI-4	Adoor-Chengannur	23.23	12 Months	
5.		KSTP-II/PMT/RKI-3	Painavu-Thannikandom-Asoakkavala road	21		
6.		KSTP-II/PMT/RKI-2	Chemmannar Gap road	19.45		

According to the Terms of the Reference, following are the required Key personnel for the projects.

S. No.	Key Personnel	Man-month in Construction period	Man-month in Maintenance/Defect Liability period of 60 months
A: Key Personnel			
1	Team Leader Cum Senior Highway Engineer	24	2
2	Resident Engineer cum Pavement Specialist Road safety Expert (To be designated as Team Leader in Maintenance period after Team Leader cum- Sr. Resident Engineer's work is completed)	24	60
3	Assistant Resident Engineer (Package 8A)	24	0
4	Assistant Resident Engineer (Package 8B)	24	0

[Handwritten signatures and dates]
 24/5

Minutes of 118th Steering Committee of Kerala State Transport Project

S. No.	Key Personnel	Man-month in Construction period	Man-month in Maintenance/Defect Liability period of 60 months
5	Assistant Resident Engineer (Package 8C)	24	0
6	Assistant Resident Engineer (Road 1 under RKI)	12	0
7	Assistant Resident Engineer (Road 2 under RKI)	12	0
8	Assistant Resident Engineer (Road 3 under RKI)	12	0
10	Road safety Expert	24	12
11	Sr. Contract Specialist	8	4
12	Highway Design Specialist	4	0
13	Bridge Design Specialist	4	0
14	Senior Quantity Surveyor	24	4
15	Bridge/Structural Engineer	24	0
16	Material Engineer	24	4
17	Environmental Specialist	24	30
18	Health & Safety Engineer	24	0
19	Labour/Social Specialist	24	4
	Sub Total	340	120
B: Sub Professional Staff			
1	Quantity Surveyor	15	6
2	Survey Engineer	15	0
3	Lab Technician	15	0
	Sub Total	45	6

Conclusion

After the perusal of their proposal, the following items are approved by the Authority for variation.

Variation amount -1					
Sl. No.	Designation	No. of Personnel	Man months	Rate per month in INR	Total Cost in INR
1	Quantity Surveyor (Package 8A and RKI-4)	1	24	112000	2688000
2	Quantity Surveyor (RKI-2 & RKI-3)	2	12	112000	2688000
3	Lab Technician (Package 8A and RKI-4)	1	24	56000	1344000
4	Lab Technician (RKI-2 & RKI-3)	2	12	56000	134000
5	Surveyor (Package 8A and RKI-4)	1	24	56000	1344000
6	Surveyor (RKI-2 & RKI-3)	2	12	56000	1344000
7	Rent for additional office	1	12	28000	336000
			Total Amount		1,10,88,000

Resolution 10:

Deferred

[Handwritten signatures and dates]
 24/5

Item No: (05) Extension of Time

a. Extension of Project Completion Schedule for the work "Upgrading of Painavu – Thannikandom–Ashokakavala (km.0+000 to 21+000) on EPC under RK1".

Contractor M/s EKK Infrastructure Limited for a contract amount of Rs.95,40,00,000. Agreement was signed on 24/01/2020 and the appointed date was declared on 30/04/2020. The scheduled date for completion of the project is 12 months from the appointed date, i.e. on 29/04/2021.

Project Milestone	Description (Days from Appointed Date)	Planned	
		Financial Progress (%)	Scheduled Date
Milestone I	145	20%	22/09/2020
Milestone II	220	55%	06/12/2020
Milestone III	295	75%	19/02/2021
Scheduled Completion	365	100%	29/04/2021

As tabulated above, the scheduled date for 1st milestone of the project was on 22/09/2020. The Contractor M/s EKK Infrastructure Ltd. has submitted a request for time extension vide Letter No. EKK/PNV-TNKNM/2020/664 dated 13/11/2020. mentioning about the causes for delay in commencement of work that are attributable to the Authority of the following events:

- Delay due to Lockdown/ Restrictions due to Outbreak of Pandemic COVID-19
- Delay due to Heavy and continuous rain beyond monsoon season
- Delay due to Demarcation of Right of way (ROW) and shifting of utilities/ encumbrances

Contractor's claim

Delay Event	Particulars	Reference Dates		Total days of delay
		From	To	
1	Outbreak of Covid-19	30/04/2020	22/09/2020	145
2	Heavy rain during monsoon	01/06/2020	22/09/2020	113
3	Demarcation of ROW/Shifting of utilities	30/04/2020	22/09/2020	145
Net delay days				145

The final conclusion of the Authority's Engineer is as follows

Pursuant to clause 6 Extension of time of Schedule-J "Upon extension of any or all of the aforesaid Project Milestones or the Scheduled Completion Date, as the case may be, under and in accordance with the provisions of this Agreement, the Project Completion Schedule shall be deemed to have been amended accordingly."

As per the above clause, the following are the revised Milestones are tabulated below

Project Milestone	As per Contract		As per Recommended EOT-1	
	Description(Days from Appointed Date)	Scheduled Date	Description(Days from Appointed Date)	Revised Schedule Date
Milestone I	145	22.09.2020	(145+120) = 265	20.01.2021
Milestone II	220	06.12.2020	(220+120) = 340	05.04.2021
Milestone III	295	19.02.2021	(295+120) = 415	19.06.2021

[Handwritten signatures and dates]
 24/5

Scheduled Completion	365	29.04.2021	(365+120) = 485	27.08.2021
----------------------	-----	------------	-----------------	------------

Resolution 11:

The Project Completion Schedule is extended as tabulated below for 120 days on account of Force Majeure event as per clause 21.6.3 of the Contract Agreement, *subject to no price escalation on this account.*

Project Milestone	As per Contract		As per Recommended EOT-1	
	Description (Days from Appointed Date)	Scheduled Date	Description (Days from Appointed Date)	Revised Schedule Date
Milestone I	145	22.09.2020	(145+120) = 265	20.01.2021
Milestone II	220	06.12.2020	(220+120) = 340	05.04.2021
Milestone III	295	19.02.2021	(295+120) = 415	19.06.2021
Scheduled Completion	365	29.04.2021	(365+120) = 485	27.08.2021

b) Extension of Project Completion Schedule for the work of Upgrading Punalur to Ponkunnam road (SH 8) Package 8B: Km 29+840 (Konni) to Km 60+000 (Placherry).

The work of "Upgrading Punalur to Ponkunnam road (SH 8) Package 8B: Km 29+840 (Konni) to Km 60+000(Placherry)" was awarded to the contractor M/s EKK Infrastructure Limited for a contract amount of Rs.279,00,00,000. The contract Agreement was signed on 22.08.2019 and the appointed date was declared on 01.11.2019. The scheduled date for completion of the project is 24 months from the appointed date, i.e. on 31.10.2021

Project Milestone	Description (Days from Appointed Date)	Planned	
		Financial Progress (%)	Scheduled Date
Milestone I	290	20%	17.08.2020
Milestone II	440	55%	14.01.2021
Milestone III	585	75%	08.06.2021
Scheduled Completion	730	100%	31.10.2021

Request for time Extension citing following the reasons:

- Delay due to Shifting of Utilities.
- Delay due to Procurement of the Site and Unencumbered ROW
- Delay due to Stoppage of Earthwork Due to Sabarimala Pilgrimage Season
- Delay due to Lockdown Outbreak of Pandemic COVID-19

The Authority's Engineer has reviewed the claim of the contractor in detail and opined that the contractor is entitled for extension of time because of lockdown and other allied events happened due to the outbreak of Pandemic COVID-19. Accordingly, Authority's Engineer has recommended extension of time for 104 days on account of Force Majeure event as per clause 21.6.3. The Authority's Engineer has also reported that as per clause 6 –Extension of time of Schedule J, "Upon extension of any or all of the aforesaid project milestone or the scheduled completion date, as the case may be, under and in accordance with the provisions of this Agreement, the project completion schedule shall be deemed to have been amended accordingly".

As per the above clause, the revised milestones are tabulated below:

[Handwritten signatures and initials]
24/15

Minutes of 118th Steering Committee of Kerala State Transport Project

Project Milestone	As per Contract		As per Recommended EOT-1	
	Description (Days from Appointed Date)	Scheduled Date	Description (Days from Appointed Date)	Revised Schedule Date
Milestone I	290	17.08.2020	(290+104) = 394	29.11.2020
Milestone II	440	14.01.2021	(440+104) = 544	28.04.2021
Milestone III	585	08.06.2021	(585+104) = 689	20.09.2021
Scheduled Completion	730	31.10.2021	(730+104) = 834	12.02.2022

Resolution 12:

All the project milestones is extended as tabulated below for 104 days as per clause 6 of Schedule J. *subject to no price escalation in this contract*

Project Milestone	As per Contract		As per Recommended EOT-1	
	Description (Days from Appointed Date)	Scheduled Date	Description (Days from Appointed Date)	Revised Schedule Date
Milestone I	290	17.08.2020	(290+104) = 394	29.11.2020
Milestone II	440	14.01.2021	(440+104) = 544	28.04.2021
Milestone III	585	08.06.2021	(585+104) = 689	20.09.2021
Scheduled Completion	730	31.10.2021	(730+104) = 834	12.02.2022

(c) Extension of Project Completion Schedule for the work of BC overlay of Adoor to Chengannur road (Part of SH-I) Km 93+400 (Adoor) to Km 117+200 (Chengannur).

The work of "BC overlay of Adoor to Chengannur road (Part of SH-I) Km 93+400 (Adoor) to Km 117+200 (Chengannur)" was awarded to the contractor M/s EKK Infrastructure Limited for a contract amount of Rs.98,10,00,000/-. The contract Agreement was signed on 24.01.2020 and the appointed date was declared on 30.03.2020. The scheduled date for completion of the project is 24 months from the appointed date, i.e. on 30.03.2021.

The Contractor M/s EKK Infrastructure Ltd. has submitted a Request for time Extension vide Letter No. EKK/ADR-CGNR/2020/661 dated 31.10.2020. mentioning about the causes for delay in commencement of work that are attributable to the force majeure event and Authority of the following events:

- Delay due to Lockdown/ Restrictions due to Outbreak of Pandemic COVID-19
- Delay due to Heavy and continuous rain beyond monsoon season
- Delay due to Demarcation of Right of way (ROW) and shifting of utilities/ encumbrances.

Contractor's claim

The contractor has listed period of delays, on account of each of the above described events, with a request for a time extension for a period of 145 days.

[Handwritten signatures and initials]

The final conclusion of the Authority's Engineer is as follows

Pursuant to clause 6 –Extension of time of Schedule J, *“Upon extension of any or all of the aforesaid project milestone or the scheduled completion date, as the case may be, under and in accordance with the provisions of this Agreement, the project completion schedule shall be deemed to have been amended accordingly”.*

As per the above clause, the following are the revised milestone are tabulated below:-

Project Milestone	As per Contract		As per Recommended EOT-1		Remarks
	Description (Days from Appointed Date)	Scheduled Date	Description (Days from Appointed Date)	Revised Schedule Date	
Milestone I	145	22.08.2020	(145+120) =265	20.12.2020	
Milestone II	220.	05.11.2020	(220+120) =340	05.03.2021	
Milestone III	295	19.01.2021	(295+120) =415	19.05.2021	
Scheduled Completion	365	30.03.2021	(365+120) =485	28.07.2021	

Resolution 13:

The Project Completion Schedule is extended as tabulated below for 120 days on account of Force Majeure event as per clause 21.6.3 *subject to no price escalation on this account.*

Project Milestone	As per Contract		As per Recommended EOT-1		Remarks
	Description (Days from Appointed Date)	Scheduled Date	Description (Days from Appointed Date)	Revised Schedule Date	
Milestone I	145	22.08.2020	(145+120) =265	20.12.2020	
Milestone II	220.	05.11.2020	(220+120) =340	05.03.2021	
Milestone III	295	19.01.2021	(295+120) =415	19.05.2021	
Scheduled Completion	365	30.03.2021	(365+120) =485	28.07.2021	

- (d) **Request for the Extension of time for the work “KSTP-II - Challenge Fund Work - Road Safety measures to Pavangadu - Korapuzha road - Ch 233+500 to Ch 239+000 in NH 66 - Kozhikode District”**

The Challenge Fund under Component B of KSTP Phase II- Road Safety measures to Pavangadu - Korapuzha road - Ch 233+500 to Ch 239+000 in NH 66 - Kozhikode District was awarded to the contractor M/s NATH Infrastructure for a contract amount of Rs 8,36,63,500/-

[Handwritten signatures and initials]

Minutes of 118th Steering Committee of Kerala State Transport Project and Agreement executed vide Agreement No: 304/KSTP/PMT/PWD/2019 dated 08/03/2019. The time of completion was 12 months with original completion date as 26/05/2020.

But the Contractor could not complete the work and requested to extend the completion date up to 31/12/2020.

And as per the 114th Steering Committee of KSTP, item No-04, Resolution No-2, it was decided to grant extension of time for the balance work up to 31/12/2020, considering the heavy rain, water logging, and Covid -19 Pandemic, as per the condition that if the work was not completed by 31/12/2020, decision of the proportionate LD shall be taken later.

The Authority recommends to consider the request of the Executive Engineer, NH Division, Kozhikkode to approve EOT upto 31/03/2021 with imposing LD.

Resolution 14:

Extension of time is granted upto 31/03/2021 with imposing proportionate LD for completing the KSTP-II - Challenge Fund Work- Road Safety measures to Pavangadu - Korapuzha road - Ch 233+500 to Ch 239+000 in NH 66 - Kozhikkode District

(e) Extension of Consultancy Services for Project Management (PMC) for Kerala State Transport Project -II Agreement No 291/KSTP/PMT/PWD/2019 dated- 14-02-2019. Extension of PMC Contract – from April 30-2021 onwards for a duration of Six months further upto 31 October 2021.

PMC Contract signed in February 2019 and services commenced from March 3rd, 2019 for a duration of 15 months scheduled to be completed by 4th June 2020 was extended till 30th April 2021 vide supplementary agreement dated 05th August 2020. The extension was necessitated due to extension of World Bank Loan up to 30th April 2021 and was approved in the 113th Steering Committee Meeting held on 24th Jul 2020

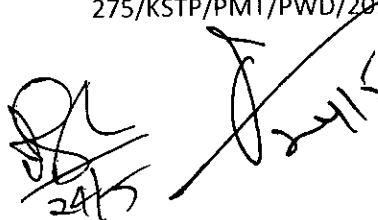
KSTP is eligible for loan claims upto 30/04/2021. A grace period of 6 months upto Oct 2021 is accorded by World Bank for KSTP for all procedural paper works for Closure of Loan. This includes final disbursement status, Borrowers Performance report, closure reports of all Packages under **Component A, A1, B C and D and many concluding reports**. Proposed by KSTP that an extension of Six months is necessary to be given to M/s Eptisa **Servicios De Ingenieria** to assist KSTP for the smooth closure of KSTP loan and managing the balance works.

Resolution 15:

~~The contract of PMC, M/s Eptisa Servicios De Ingenieria in association with M/s Eptisa India Pvt Ltd is extended till 31st October 2021.~~

Item No: (06) (a) Package IIIB – Imposing LD charges beyond the approved EOT period i.e. upto 31/12/2020 for completion of Iritty Bridge and its approaches

The Upgradation work of Kalarode-Valavupara road (IIIB) was awarded to the contractor M/s GHV-EKK (JV), Ernakulam for a contract amount of Rs 209,68,48,832/- and Agreement executed vide Agreement No: 275/KSTP/PMT/PWD/2016 dated 29-04-2016. The

Handwritten signatures and initials, including a large signature and the date '24/5'.

The 115th Steering Committee had approved Extension of time for construction of Iritty Bridge and its approaches up to 31/12/2020 subject to the condition that, if the works are not completed by 31/12/2020, decision of the proportionate LD shall be taken later.

But the contractor failed to complete the work of Iritty Bridge and its approaches within the approved time,

Contractor's Claim

Contractor has claimed that delay has been occurred in completing the Iritty Bridge & its approaches due to reasons beyond their control and the reasons for the delay stated are

- Unseasonal Rain
- Obstruction due to trees
- Finalization of Road profile and Shifting of Poles at PayancheriMukku
- Difficulties in dismantling of N Truss.

CSC Recommendations

- Unseasonal Rain: CSC do not recommend this event, unseasonal rain as an event of delay attributable to the Employer. Hence the Contractor is not entitled to an extension of the Time for Completion due to this event.
- Obstruction due to trees: The Contractor is not eligible for an extension of time of completion due this event, obstruction of trees as a delay attributable to the Employer.
- Finalization of Road profile and Shifting of Poles at PayancheriMukku: The delay in completing the said approach road is attributable to the Contractor. Therefore the Contractor is not entitled for an extension of time for completion of work due to this event
- Difficulties in dismantling of N Truss: CSC determine that the delay in achieving the completion of Iritty Bridge & Approaches is not due to the defaults of the Employer and the Contractor has failed to complete the works within the stipulated time of completion. Hence the Employer shall take suitable decision for imposing Delay damages for the remaining duration required by the contractor for total completion of Iritty Bridge & Approaches.

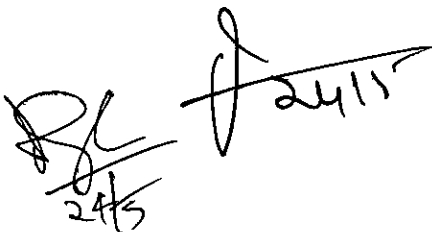
The final conclusion of the Employer (KSTP) is as follows.

The Contractor was given adequate time for completion of Iritty Bridges & its approaches considering the fact that, Covid-19 restrictions has affected the construction activities at site. Now, the Contractor has come up with unreasonable delays for completion of Iritty bridges and its approaches. The CSC has also opined that, the delay in achieving the completion of Iritty Bridge & Approaches is not due to the defaults of the Employer and the Contractor has failed to complete the works within the stipulated time of completion. The Contractor could able to complete the Iritty Bridge & its approaches only on 07/04/2021. The Engineer vide their letter No. EI/1A/TLO/3949 dated 20/04/2021 has issued Taking Over Certificate for part of works, 'Iritty Bridge & its approaches' w.e.f. 07/04/2021.

In view of the analysis for delay made by CSC, the Employer is in the opinion that, the Contractor may be imposed proportionate delay damages for the period beyond 31/12/2020 till date of taking over of the work i.e. for the period from 01/01/2021 to 07/04/2021 in accordance with the Contract provisions.

Resolution 16:

Proportionate delay damages is imposed beyond the period of 31/12/2020 till the date of taking over of the work 'Iritty Bridge & its approaches' in accordance with the Contract provisions.

Handwritten signatures and initials in black ink, including a large signature and the initials '24/5'.

(b) Extension of time for Up-gradation of the Road from Thalassery (Km 1+200) to Kalarode (Km 30+000) - Package -3A.

The Contract Package 3A for the Up-gradation of the Road from Thalassery (Km 1+200) to Kalarode (Km 30+000) of SH 30 was awarded to the contractor M/s Dinesh Chandra R Agarwal Infracon (P) Ltd., Ahmedabad for a Contract Amount of Rs.156,33,51,422/- and Agreement executed vide Agt. No. 272/KSTP/PMT/PWD/216 dated 23-01-2016. The work commenced on 27-06-2016.

As per Contract conditions the following Milestones for time of completion: Milestone-1: 26-09-2017 and Milestone-2: 26-06-2018.

Completion of the works was not achieved within the stipulated time of completion and extension of time granted by the Employer.

The 117th Steering Committee held on 08-01-2021 resolved to award the Extension of time as furnished below:

Extension of time be granted for commissioning of Eranholi Bridge up to 31-01-2021 without Liquidated Damages and impose proportionate Liquidated damages on the cost of balance works of Highway component.

Extension be granted based on the condition that the Contractor is neither allowed for claiming any additional cost on account of this extension of time nor any increase in cost on account of the Price adjustment provisions as per clause 13.8 of General Conditions of Contract.

CSC has also reported that the Road works has been substantially completed by 31-01-2021 and there are still some issues for receiving the land required for the completion of Eranholi Bridge.

In view of the fact that the Contractor has completed the Road works by 31-01-2021, the request of the Contractor may be favourably considered to waive the Liquidated damages imposed. Also the time of completion may be extended for Eranholi Bridge up to 31-08-2021.

Resolution 17:

1. The time of completion for Eranholi Bridge is granted up to 31.08.2021.

~~2. The decision on Liquidated Damages (LD) imposed to be waived off to the contractor M/s Dinesh Chandra R Agarwal Infracon (P) Ltd., Ahmedabad for the completion for Eranholi Bridge in connection with the work "Up-gradation of the Road from Thalassery (Km1+200) to Kalarode (Km 30+000) of SH 30" will be taken after the whole project is completed.~~

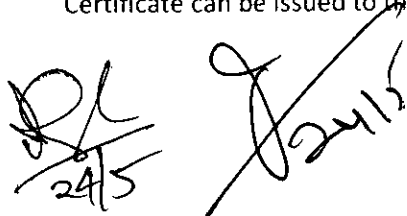
(c) Extension of time for completion of the work-KSTP-II- Construction of Thiruvalla Bypass along Chengannur- Ettumanur Road from Design chainage km 7+390 to km 9+400 – Balance works.

The balance works of construction of Thiruvalla Bypass along Chengannur- Ettumanur Road from Design chainage km 7+390 to km 9+400 was awarded to the contractor M/s GHV India Pvt. Ltd. for a contract amount of Rs. 37,03,87,635/-. The contract agreement was signed on 29th December 2019 and Notice to proceed was issued on 07th January 2019.

As per contract conditions the intended completion date for the whole of the works shall be 9 months including monsoon season from the commencement date, i.e. on 06th October 2019.

The 116th Steering Committee held on 30.10.2020 has granted extension of time for completion up to 31st December 2020 and impose delay damages as per the contract conditions for works which are delayed due to reasons attributable to the contractor. It is also decided that no more extension will be granted beyond 31st December 2020. Beyond 31st December 2020, LD will be imposed on the whole work

Currently, the work is completed and Hon'ble minister for Public Works has inaugurated and opened the road for traffic on 14.02.2021. The Construction Supervision consultant has also intimated that Completion Certificate can be issued to the contractor with date of completion as 14.02.2021.

Handwritten signatures and initials at the bottom left of the page. One signature appears to be 'D/L' with '24/5' written below it. Another signature is more stylized and appears to be 'J' with '24/5' written below it.

Resolution 18:

Proportionate delay damages is imposed for the works carried out beyond 31/12/2020 till the taking over of work on 14/02/2021 in accordance with contract provisions.

Item No: (07) (a). Bid Evaluation Report-Road Safety Improvement works for VYPIN to MUNAMBAM 25.18 km under World Bank assisted Challenge fund.

The bids were invited for the above work after giving wide publicity. The bid invitation was published on the Kerala e-tender portal on 25.08.2020 with the date of bid submission date as 23.09.2020. The tender was cancelled due to technical error.

Hence the work was tendered again and was published in the Kerala e-tender portal on 22.10.2020 with the last date of submission of bid as 16.11.2020. Only one bidder responded to the bid invitation.

The technical bid Opening was conducted on 16.11.2020 at 15.30 hrs. Based on the analysis of the Technical Proposals, the bidder considered as "Non-Responsive".

Hence the work was retendered and was published in the dailies Mathrubhumi and New Indian Express on 21.12.2020 and in the Kerala e-tender portal on 22.12.2020 with last date of submission of bid as 05.01.2021. Only one bidder has submitted the technical bid. The technical bid Opening was conducted on 05.01.2021 at 15.30 hrs. Based on the analysis of the Technical Proposals, the bidder was considered as "Non-Responsive".

The work was retendered again and was published in the dailies The Hindu and Mathrubhumi on 20.01.2021 and in the Kerala e-tender portal on 21.01.2021 with last date of submission of bid as 05.02.2021. Two bidders responded to the bid invitation

The details are as follows:

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s. Palathra Constructions, S. Puram P.O, Kurichy, Kottayam, Kerala -686 532	Rs. 36,37,89,574.09/-
2	M/s. Poonam Grah Nirman Pvt Ltd, Mani Madom Puthenmadam, A.N Puram West, Alappuzha, Kerala- 688 011	Rs. 37,82,46,438.634/-

Price quoted by the lowest responsive bidder, M/s Palathra Constructions is Rs. 36.38 Crore which is 19.28% above the estimated cost of Rs. 30.49 Crore.

As per the DO letter No. PLG-A(R)/31/2018-FIN dated 23.02.2021 of the State Government, it was already committed that the components A, B, C and D shall be done with 81% World Bank share and remaining share of 19% using State Funds. Hence as committed, the Challenge Fund works under Component B is being taken up using State Funds.

The work was tendered thrice. The rate quoted by the responsive bidder in the third tender was 19.28%

Resolution 19:

The contract for "Vypin- Munambam 25.18 km Road under World Bank assisted Challenge fund using State share" is awarded to M/s. Palathra Constructions at their quoted price of Rs.36,37,89,574.09/-.

(b) Bid Evaluation Report-Road Safety Improvement works for Kottiyam- Kundara 11.70 km Road under World Bank assisted Challenge fund.

The bids were invited for the above work after giving wide publicity. The bid invitation was published on the Kerala e-tender portal on 25.08.2020 with the date of bid submission date as 23.09.2020. The tender was cancelled due to technical error. Hence the work was tendered again and was published in the Kerala e-tender

Minutes of 118th Steering Committee of Kerala State Transport Project

portal on 23.10.2020 with the last date of submission of bid as 16.11.2020. Two bidders responded to the bid invitation

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s. Palathra Constructions, S. Puram P.O, Kurichy, Kottayam, Kerala -686532	Rs.18,62,34,160.950/-
2	M/s. Thoppil Contractors India Pvt Ltd, PP/VI/252, Thoppil Building, Adayamon P.o, Kilimanoor, Thattamala, Kerala 695614	Rs.18,67,11,930.707/-

Price quoted by the recommended bidder, M/s. Palathra Constructions is Rs.18.62 Cr, which is 14.25% more than the estimated cost of Rs. 16.30 Cr.

As per the DO letter no. PLG-A(R)/31/2018-FIN dated 23.02.2021, it was already committed that the components A, B, C and D shall be done with 81% World Bank share and the remaining share of 19% using State Funds. Hence as committed, the challenge fund works under component B is being taken up using State Funds.

Resolution 20:

The contract for "Kottiyam - Kundara 11.70km Road under World Bank assisted Challenge fund using State Share" is awarded to M/s. Palathra Constructions at their quoted price of Rs.18,62,34,160.950/-.

(c) Bid Evaluation Report – Road Safety Improvement works for Thiruvananthapuram Medical College – Kannamoola – Pettah Road 3.80 Km under World Bank assisted Challenge of KSTP II.

The bids were invited for the above work after giving wide publicity. The subject work was tendered for the first time on 24/08/2020. But due to technical error the tender was cancelled. The work was again tendered on 22/10/2020. The technical Bid opening was conducted on 16/11/2020 at 15.30 hrs. Based on the analysis of technical proposals, the bidder was considered as Non responsive. Hence this work was retendered and the bid invitation was published in the dailies. The New Indian Express and Mathrubhumi on 20/02/2021 and in the Kerala e-tender portal on 20/02/2021 with the date of bid submission date as 09/03/2021. Only one bidder responded to the bid invitation.

Sl.No	Name of bidder	Bid Amount (in Rupees)
1	M/s Thoppil Contractors India Private Ltd. Thoppil Building, Tholikuzhi, Adayamon. P.O, Kilimanoor Thiruvananthapuram – 695 614	Rs. 5,10,71,692.56/-

The price quoted by the bidder is Rs.5,10,71,692.56/- (including 12% GST) against the estimated cost of Rs.4,50,00,000/- which is 13.5% above the estimate amount. As the bidding process is valid and the bid was satisfactorily advertised with the qualification criteria not unduly restrictive and being third retender the bid could be accepted.

As per the DO letter no. PLG-A(R)/31/2018-FIN dated 23.02.2021, it was already committed that the components A, B, C and D shall be done with 81% World Bank share and the remaining share of 19% using State Funds. Hence as committed, the challenge fund works under component B is being taken up using State Funds.

Resolution 21:

The Contract for "Road Safety Improvement works for Thiruvananthapuram Medical College – Kannamoola – Pettah Road 3.80Km under World Bank assisted Challenge fund" is awarded to M/s Thoppil Contractors India Private Ltd. Thoppil Building, Tholikuzhi, Adayamon. P.O, Kilimanoor, Thiruvananthapuram – 695 614 for the contract price of Rs.5,10,71,692.56/- against the estimated cost of Rs.4,50,00,000/- which is 13.5% above the estimate amount.

Handwritten signatures and dates:
 [Signature] 24/11
 [Signature] 29/11

Item No: (08) OPBRC Package III-Output and Performance Based Road Contract for the maintenance of roads under package-03 in Kollam-Ayoor, Kayamkulam-Mavelikkara-Thiruvalla, K P Road from Kayamkulam to Adoor, Thrikkunnipuzha-Thattarambalam, Pandalam-Kaipattoor in Kollam, Alappuzha, Pathanamthitta Districts of Kerala.

Output and Performance Based Road Management Contracts (OPBRC) has been introduced in Kerala with the assistance of World Bank under PFR (Program for Result) as sustainable road maintenance management practice

Vide G.O.(Ms)No.28/2020/PWD Dated, Thiruvananthapuram, 27/02/2020 Government have accorded sanction for the implementation of the Output and Performance Based Road Management Contracts (OPBRC) for Core Road Network of Kerala costing Rs 223.15 crores over a period of 7 years

The details of the roads are as follows:

1. Kollam-Ayoor(30.75km)
2. Kayamkulam-Mavelikkara-Thiruvalla(8.925km)
3. K.P Road from Kayamkulam to Adoor(25km)
4. Thrikkunnipuzha-to Thattarambalam(12.879km)
5. Pandalam- Kaipattoor(8.7km)

The bid was published through the Kerala e- tender portal on 18.09.2020 with bid submission due date as 16.10.2020. Bid received from only one bidder M/s Theruvath Builders. The 117th Steering Committee directed to retender the subject work as it was single bid first tender and amount quoted was also beyond reasonable. The notification of retender was published in the dailies ' The Hindu' and 'Mathrubhumi' on 21.01.2021. The retender was published through the Kerala e-tender portal on 27.01.2021 with bid submission due date as 22.03.2021(extended from 22.02.2021). The Bid Opening was conducted on the date and time as scheduled on 22.03.2021 15.30hrs. Again there was response only from one bidder – M/s Theruvath Builders.

The OPBRC contract constitute of 5 work components, as below,

1. Ordinary maintenance (OM) – Lump sum works during 7 years
2. Initial rectification (IR) - Lump sum works during initial 9 months
3. Periodic maintenance (PM) - Lump sum works during 1st 6 years
4. Minor improvement (MI) – Item rate works during initial 2 years
5. Emergency works (EW) – Provisional sum for emergency works during 7 years

The component wise quoted figures are as per below,

Schedule	OPBRC Component	Esti cost in DPR (INR)	Original QtdAmt (INR)	Higher quoted (INR)	Higher %ge
1	OM	10,89,42,890	19,60,68,000	8,71,25,110	79.97
2	IR	3,67,97,417	3,66,69,143	-1,28,274	-0.35
3	PM	25,34,59,925	25,49,02,133	14,42,208	0.57
4	MI	14,73,19,450	14,84,07,489	10,88,039	0.74
5	EW	5,46,51,968	5,46,51,968	0	0
	TOTAL	60,11,71,650.00	69,06,98,733	8,95,27,083	14.89

The combined price for the Initial Rectification, Periodic Maintenance and Minor Improvement Works is Rs 43,99,78,765 which is less than 44 Cr as per ITB 34.6 in BDS of RFP:

Resolution 22:

The proposal of M/s Theruvath Builders for a total amount of Rs. 69,06,98,733 (including emergency work of amount Rs. 5,46,51,968) including all local taxes, is accepted.

[Handwritten signatures and dates]
 24/5

Item No: (09) Finalization of the Alignment, Concept Design & identification of Source of finance for the development of Skywalk in the Central Business District (CBD) area of Thiruvananthapuram, Kerala

The Government of Kerala has come up with a policy decision to study the feasibility of constructing a Skywalk Network connecting the Trivandrum Central Railway Station and KSRTC Central Bus Station at Thampanoor to the Secretariat Complex and Sree Padmanabha Swamy temple at Kizhakkekotta (East Fort) & Chalai market. The Skywalk Networks aims at easing the various problems associated with the pedestrian movement in the Central Business District (CBD) area of Thiruvananthapuram City.

M/s Arkitechno - Design Forum International J.V. consultant for the Project studied the project area in detail and has recommended the following option as the best alignment option.

The **Total Length of the Proposed Alignment is 3.2 Km.** The proposed skywalk would serve as a major hub for pedestrian movement in and around the CBD area and help ease the pedestrian-related accidents rising due to the exponential increase in vehicular traffic on these prominent roads in the City. The General Alignment Plan of the proposed option is as follows:

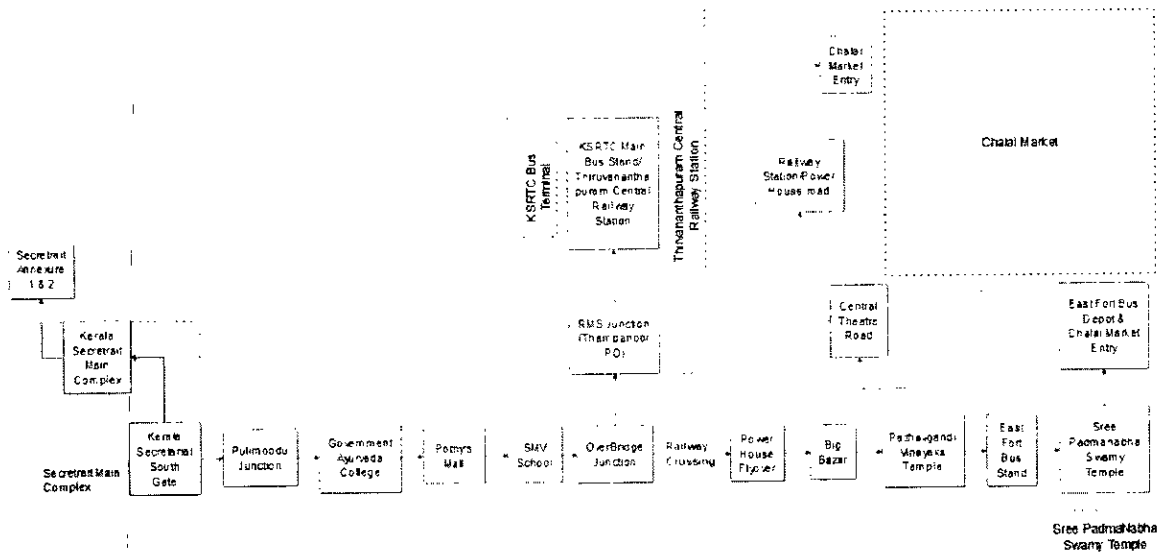


Figure 1 General Alignment Plan of the Recommended Alignment (Block Plan)

The project cost is Rs.200 Crores, which covers Land Acquisitions, Rehabilitation & Resettlement, Shifting of Utilities, Environmental mitigation, Civil work, Construction of Sky Walk, Escalators & Elevators, Light, Electrical Installations & Sign Boards and Consultancy Services.

Table 1 Abstract Cost Component of the Project

Component of Cost	Amount (₹ Lakhs.)
Land Acquisition	3,563.00
Rehabilitation & Resettlement	700.00
Shifting of Utilities (Already included in Smart City Project)	
Environmental mitigation	818.00
Civil work, Construction of Sky Walk (All-Inclusive)	13,558.65
Consultancy Services	1,150.00
Contingencies	210.35
Total Project Cost	20,000.00

Handwritten signatures and dates: 29/5 and 24/5.

Minutes of 118th Steering Committee of Kerala State Transport Project

Table 2 Revenue Streams

Revenue Abstract		Annual Revenue(₹. Lakhs)	Capex(₹. Lakhs)
Social Revenue Sources			
1	Economic losses due to waiting at Junction	165.00	
2	Economic Losses due to accident	33.00	
3	Revenue losses to the Vehicles idling at signals	439.73	
4	Revenue losses of Passenger held in Idling Vehicles at the signals	1,086.30	
	Sub-Total	1,724.04	
Commercial Revenue Sources			
1	Revenue from Advertisement	355.08	26.90
2	Revenue from Hawkers/Shop Keepers	90.00	
3	Revenue from the sale of Solar Power to KSEB Grid	12.59	115.00
4	Revenue from providing Direct entry to shops	29.88	
	Sub-Total	487.56	
Total Estimated Annual Revenue		2,211.59	

The Consultants had presented the project in the previous Steering Committee Meeting held on 8th January 2021, wherein the Committee had directed to reduce the Total Cost of the project from the Proposed Cost of Rs 345 Cr by optimal evaluation of various component such as:

- Excluding various luxury components such as air conditioning & travellers.
- By optimizing the nos. of components such as entry-exit blocks, mechanical components (escalators & lifts), road crossings, and plaza buildings.
- Minimising land acquisition (LA) and other components.

The consultant had presented the revised project proposal to Project Director, KSTP & Chief Engineer KSTP and awaiting Alignment and Concept Design Approval from the Steering Committee.

Resolution 23:


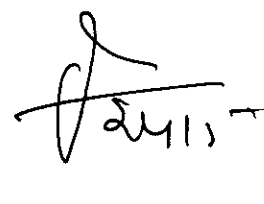
- The committee decided to form a sub-committee comprising of the ACS, Finance, ACS Water Resources and ACS, Revenue to review the alignment options and the cost implication.

Item No: (10) Extension and Enhancement of remuneration of Employees in KSTP.

1. Approval of Extension of Term and Enhancement of Remuneration of Finance Manager.
2. Extension of the term of contract appointment of Accountant in Finance Wing, KSTP.
3. Enhancement of monthly remuneration of Accountants in Finance Wing, KSTP.
4. Extension of Consultant Electrical Engineer in KSTP (PMT).
5. Extension of the term of contract of Sociologist of KSTP Division, Kottarakkara.

Resolution 24:

1. Approval of consultancy services of Smt. D.S. Rema is extended up to 30.04.2022 with a consultancy fee of Rs. 77,500 + GST per month.
2. The services of Smt. Seema Nair, Accountant is extended upto 30.04.2022.
3. The monthly remuneration of Smt. Lovely Vijayan and Smt. Seema Nair, Accountants, KSTP is enhanced from Rs. 27,500/- to Rs. 35,600/- in line with the new pay revision with effect from April 2021.

Minutes of 118th Steering Committee of Kerala State Transport Project

4. Extension of the service of Smt. C.S. Neena Mole as Consultant Electrical Engineer in KSTP(PMT) is granted for a period of one year from 27.04.2021 to 26.04.2022 for a monthly remuneration of Rs.37,500/-.
5. The term of Sri. Sam Franklin. L as sociologist on contract in KSTP Division, Kottarakkara is extended for a period of one year with effect from 02.03.2021 on the same terms and conditions.

Meeting concluded at 12.30 PM on 24.05.2021 with thanks to the Chair.

Handwritten initials and date:
24/5

Handwritten signature of Dr. V P Joy IAS

Dr.V P Joy IAS

Chief Secretary