



111th Steering Committee Meeting of KSTP

Date: 29th April 2020

Time: 11:30 AM

LOAN COMPONENTS

	Original Loan (Million \$)		Restructured Loan (Million \$)		Completed	
Component/Sub-component	Total cost	Loan	Total cost	Loan	Cost	Loan
Component A1: Road Network Upgrading and Safety Improvement(282 Kms Upgrading)	322	166	242	121	195.92	109.71
Component A2: Road upgrading and safety Improvement(EPC)(82.04 Kms)	91	33	125	52	0.62	0.62
Component B: Road Safety Management	22	12	22	12	16.69	9.34
Component C: Institutional Strengthening	10	5	10	5	1.50	0.84
Component D: Flood Works	-	-	46	26	0.27	0.15
Total	445	216	445	216	215.03	121.20

Balance works pertain to \$ 171 million works having loan disbursement of \$ 78 million consisting of Flood works of \$ 26 million and EPC contracts of \$ 125 million which have been awarded in November 2019.

Restructuring required due to savings of \$ 45 million in original loan due to depreciation of Rs against dollar from Rs 55 at loan and Rs 75 during disbursement. Further procurement method for A2 was changed from PPP to EPC due to lack of bidders under PPP

Project Overview(A-I Component)

CONTRACT PACKAGE	NAME OF WORK	LENGTH (KM)	AMOUNT (Crores)	Exp. (Crores)	Contractor
KSTP-II/UG-1	Kasargod – Kanhangad	27.78	133.05	122.10	M/s RDS Projects Ltd, Kochi
KSTP-II/UG-2	Pilathara – Pappinissery	20.90	118.29	101.24	M/s RDS Projects Ltd, Kochi
KSTP-III/UG-3A	Thalaserry- Kalarode	28.80	156.33	92.33	M/s Dinesh Chandra Agarwal Infracon (P) Ltd
KSTP –III/ UG -3B	Kalarode - Valavupara	23.97	209.68	178.12	M/s GHV- EKK & Co, (JV) Kochi
KSTP-II/UG-4	Chengannur – Ettumanoor	47.70	293.58	278.18	M/s Delma-Sreedhanya (JV)
KSTP-II/UG-4A	Thiruvalla Bypass along Chengannur - Ettumanoor	2.3	37.04	10.58	M/s GHV India Pvt Ltd Mumbai
KSTP-II/UG-4B	Upgradation of Thiruvalla Town	2.0	7.77	4.37	M/s EKK Infrastructure Ltd., Perumbavoor
KSTP-II/UG-5	Ettumanoor- Muvattupuzha	40.96	171.49	163.68	M/s NAPC Ltd, Chennai
KSTP-II/UG6	Ponkunam - Thodupuzha	50.00	227.13	223.25	M/s EKK & Co, Kochi
KSTP-II/UG7	Perumbilavu – Perinthalmanna road	39.40	8.11	8.11	M/s NATH Constructions
		282	1362	1181.96	

PROJECT OVERVIEW(COMPONENT A-II)

Sl.No	Package No	Stretch of the Project Road	Contractor	Status	Length (Km.)	Awarded Price in Cr	Estimated Price in Cr
1	KSTP-2/OL/8A	Punalur-Konni	-	Litigation in Hon'ble High Court	29.84	-	226.61
2	KSTP-2/OL/8B	Konni - Placherry	M/s EKK Infrastructure Ltd	Agreement executed - Work in Progress	30.16	279.00	274.24
3	KSTP-2/OL/8C	Placherry - Ponkunnam	M/s Sreedhanya & Nath Infrastructure	Agreement executed - Work in Progress	22.17	248.62	236.79
					82.17	527.62	727.40

PROJECT COMPONENT B(SAFE CORRIDOR DEMONSTRATION PROJECT(SCDP) AND CHALLENGE FUND)

Sl. No.	Components	Amount (Crores)	Exp. (Crores)	Status	Agency
1	Civil Works (Asphalting , Junction Improvements , Footpaths, Drainage etc.)	74	65	Completed	M/s GHV EKK (JV)
2	Safety Works (Traffic Signage's , Pedestrian Markings, Hand rails for footpaths , Surveillance cameras, etc.)	66	48	All pending balance works to be completed by April end 2020	
3	Trauma Care (Upgrading Medical college to Level 1 Trauma care centre and Adoor and Kottarakara to Level 2 Trauma care centre)	28.22	NIL	2 Packages for medical Equipments, 1 Interfacility ALS Ambulance and 1 package of civil works tendered	KMSCL
4	Road Safety Enforcement(Crash data analysis, Traffic enforcement plan and Purchase of enforcement equipments)	3.05	1.82	TRL has submitted the draft final report with crash data analysis , Traffic enforcement plan and specifications for enforcement equipments. KRSA has to review this draft and revert	Police, MVD with assistance from M/s TRL-JP Research (JV)
5	Community Awareness	0.32	NIL	Awareness programs are going on	NATPAC
6	Challenge Fund	50	0.08	Draft DPRs of 4 roads submitted by the Consultant under review by PMC	KSTP

PROJECT COMPONENT C (INSTITUTIONAL STRENGTHENING)

S.No	Components	Works	Amount (cr)	Exp. (Crores)	Agency
1	Centre for Excellence (CoE)	Develop Institutional Strategy & Action Plan for setting up a CoE for Kerala Road Sector	1.91	1.24	M/s Delloite & CEG JV
2	Road Maintenance Management System(RMMS)	Development of Road Maintenance & Management System in PWD	14.94	3.02	CRRRI
3	E-Governance support for Price 2.0 Implementation	Procurement of hardware's for e-office and PRICE 2.0,online rest house reservation etc.,	20.44	9.62	PWD
4	Project Management Consultancy	To advise and assist PMT in management of the Project functioning	2.84	1.46	M/s Eptista Servicios de Ingenieria, SL in association with Eptisa India Pvt. Ltd.,
5	Post Construction Technical Audit	To make fair assessment of quality & durability of constructed assists of KSTP under Phase II projects.	1.64	0.77	M/s HAKS Engineers & ITE (JV)
6	DPR Preparation of Flood Works	DPRs for 800 kms of Roads	25.0	9.47	1. M/s Feedback 2. M/s L&T 3. M/s LBI 4. M/s Egis

PROJECT COMPONENT D(FLOOD WORKS)

Sl. No.	Name of road	District	Category of Road SH/MDR	Length of road Proposed in km	Contract Cost / Estimate in Crores	Status
1	Chemmannar Gap road	Idukki	MDR	29.94	127.55 (Estimate Amount)	Re-tendered twice, last date as on 23.03.2020, clearance of WB obtained on 24.04.2020, Financial Bid opened on 27.04.2020 – Agenda Item No. 04
2	Painavu Thannikandom Asokakavala road	Idukki	SH	21.00	95.40	Agreement executed, work just started
3	Adoor Chenganur (MC Road)	Pathanamthitta-Alappuzha	SH	23.80	98.10	Agreement executed, work just started
				74.74		

FLOOD WORKS: KFW LOAN AND WORLD BANK PROGRAMME LOAN

	Districts	No. of Roads	Cumulative Kms	Cost of Submitted DPRs	Source of Funds	Status
Package 1	Kannur, Kasargode, Kozhikode	5	148	122.25	WB	One draft DPR submitted on 27.04.2020
Package 2	Malapuram, Palakkad, Wayanad	5	147	873.14	WB	5 Draft DPRs reviewed by PMC, final DPR to be submitted by M/s L&T
Package 3	Ernakulam, Idukki, Thrissur	10	231	1049.57	KfW	7 draft DPRs submitted by M/s LBI, under review by PMC
Package 4	Alappuzha, Kottayam, Pathanamthitta, Thiruvananthapuram	9	225	805.38	KfW	6 draft DPRs submitted by M/s Egis, under review by PMC
		29	751	2850.34		

ITEM NO 1: CONFIRMATION OF MINUTES OF 110TH STEERING COMMITTEE DATED 07.10.2019

THE MINUTES OF THE 110^H STEERING COMMITTEE HAVE BEEN CIRCULATED TO THE MEMBERS. MAY BE CONFIRMED.

ITEM NO 02 :ACTION TAKEN REPORT ON THE DECISION OF THE 110TH STEERING COMMITTEE

Agenda Item	Decision	Action Taken
Item No 3	Strengthening of Trauma Care in Safe Corridor Demonstration Project	KSTP II – Road Safety Capacity Building and Programme Management- Strengthening of Trauma Care in Safe Corridor Demonstration Project - Renovation of Trauma Care Building of General Hospital, Adoor – Agreement executed on 05.03.2020.
Item No 4	Bid Evaluation Report – Up gradation of Chemmannar- Gap Road (Km 0+000 to 29+935) under Re-build Kerala Initiative	Bids were invited with the last date of submission on 23.03.2020. World Bank clearance obtained on 24.04.2020. Financial Bid opened on 27.04.2020 – Put as Agenda Item No. 04.
Item No 5	Extension of Services of contract of M/s. Roy Ghosh & Associates Chartered Accountants for conducting Internal Audit of KSTP – II for the Financial Years 2019-2020 and 2020-2021.	Letter of Acceptance issued.
Item No 6	Approval for Variation Statement-VII for Consultancy Service Construction Supervision and Contract Management for Up gradation of 190km road.	World Bank approval received. Supplementary Agreement has been executed
Item No 7	Extension of the contract period of Adv. K.T.George, Legal Assistant for a period of One Year from 02.12.2019 to 01.12.2020	Agreement executed
Item No 8	Extension of Contract Period of Sri.T.V.Satheesh, Community Liaison Officer in PMT for implementation of Safe Corridor Demonstration Project for three months from 05.01.2020	Agreement executed

Agenda Item	Decision	Action Taken
Item No 9	Extension of contract period of Electrical consultant Sri. V.Vasandan	Agreement executed
Item No 10	Extension of contract period of Electrical consultant Sri. V.Vasandan	Agreement executed
Item No 11	Extension of the term of contract of Sociologists of KSTP Divisions of Ponkunnam, Kannur and Muvattupuzha	Agreement executed in Division Offices
Item No 12	Approval for Maintenance Works in KSTP (PMT) Office Building.	<p>1. As there is continuous power failure in the present office building, PMT is on lookout for a new building on rent. Preliminary discussions in this regard has been held with the Chief General Manager, BSNL, TVPM to lease the third floor of BSNL Bhavan, Upplam Road, TVPM. Hence the maintenance works on the current building is currently not pursued.</p> <p>2. Advance payment of Rs.50,000/- has been made delivery of the vehicle was expected by March end 2020.</p>

STATUS OF ONGOING WORKS

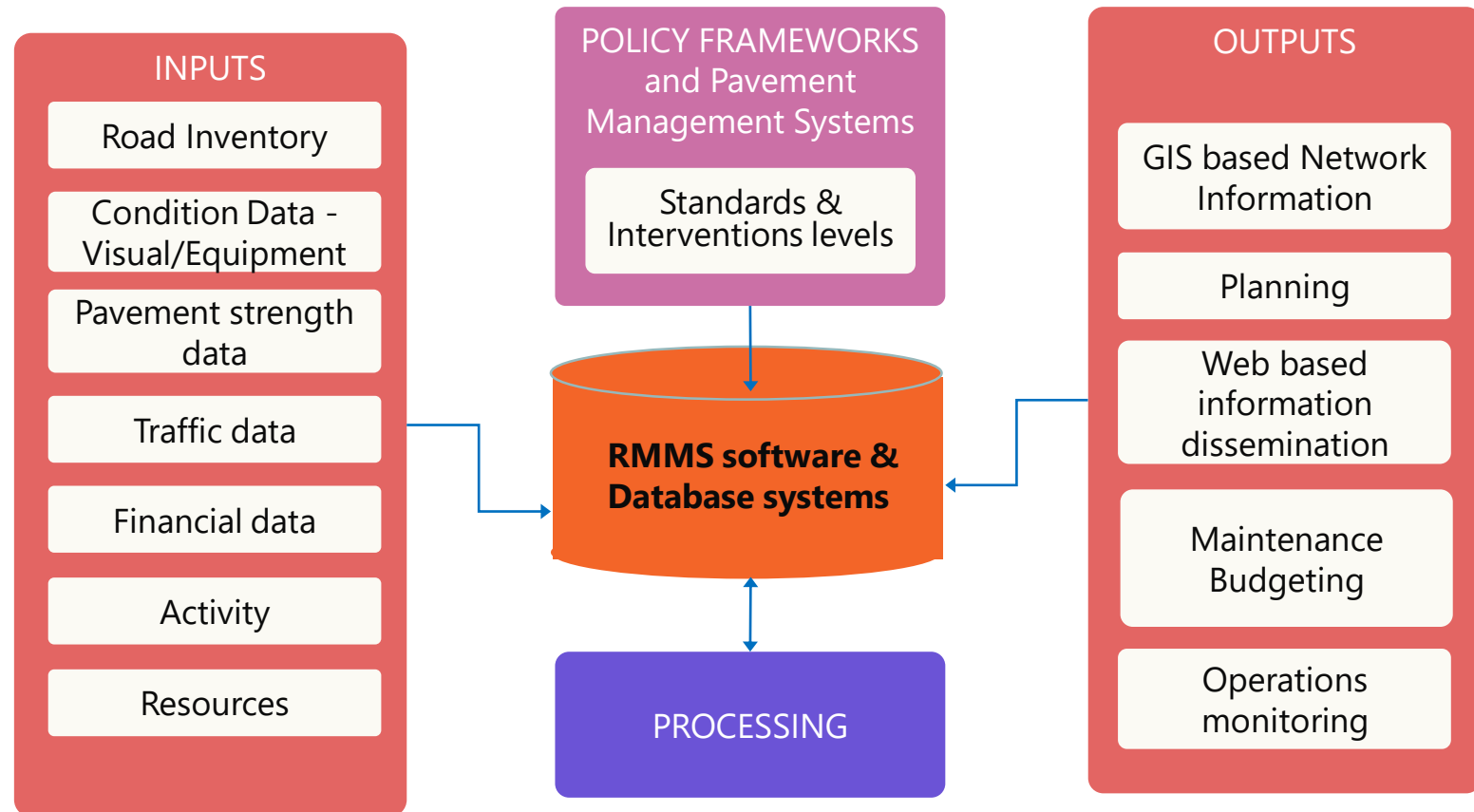
Sl. No	Name of work	Km	Contract Amount (in crores)	Physical Progress %	Financial Progress %	Status
1	UG 3A – Thalassery – Kalarode road	28.80	156.34	70.00	68.00	EOT granted was up to 31.03.2020 for road works & Eranholi bridge. Further extension requested upto 31.10.2020
2	UG 3B – Kalarode – Valavupara road	23.97	209.68	88.00	86.00	Road works completed, extension requested for completion of Iritty and Koottupuzha bridges upto 31.07.2020
3	UG 4A – Thiruvalla Bypass	2.30	37	50.00	35.00	TOC upto 30.04.2020, to be extended
4	UG 4B – Thiruvalla Town	2.00	7.77	90.00	75.00	Road works completed, drain and footpath pending
5	SCDP - Kazhakoottam - Adoor	80	146.67	95.00	88.00	EOT granted with LD, to be completed by April end 2020
	Total	137.07	557.46			

ITEM NO 03 Supply, Installation, Testing and Commissioning of a Web based software system for Road Maintenance Management for the Kerala Public Works Department

- The bids for the Supply, Installation, Testing and Commissioning of a Web based Software for Road Maintenance Management System for the Kerala Public Works Department were published in the dailies The Hindu and Malayala Manorama on 20.10.2019.
- The period of assignment is 8 years and 6 months (6 months implementation, 5 years warranty period and 3 years extended period of service). The bids were opened on 23.12.2019.
- The bids were invited on a single stage system. Three bidders responded to the tender. The details are as follows:-

Sl. No.	Name of Bidder	Nationality	Remarks
1	M/s. SATRA Infrastructure Management Services Pvt.Ltd	Indian	JV
2	M/s TRL Professional & Software Services (India) LLP in JV with Experion Technologies (India) Pvt Ltd	Indian	JV
3	M/s Lonrix Limited / Sri Infotech Joint Venture	Indian	JV

RMMS- GENERAL ARCHITECTURE



NEW RMMS- CRRI'S MANDATE

- **PWD-KSTP entered in to agreement with CSIR-CRRI on 19-6-2019 for the pilot phase implementation of RMMS system for duration of 18 months**
- **One time data collection of the road inventory and condition data for a selected length of 4300 KM of the State PWD Road network using the state of the art advanced network survey vehicle of CRRI**
 - ✓ **GPS data (Longitude, latitude and Altitude)**
 - ✓ **Carriageway Details (Carriageway Type & Width and Shoulder Type & Width) and**
 - ✓ **Road Geometry Data (Gradient%, Cross Slope%, Rise + Fall (m/km), Rise + Fall (No./km) and Horizontal Curvature (degree/km)**
 - ✓ **Pavement Condition Details collected shall include-International Roughness Index, Rut Depth, Texture Depth (MPD) and Pavement Surface Defects (Cracks, Raveling, Pothole and Total of Other Distresses)**
- **One time pavement deflection data collection using the vehicle mount falling weight deflectometer (FWD) of the CRRI for the selected 4300 KM of PWD roads**
 - ✓ **pavement deflection data is to be collected at 2 points per km**
- **Provide assistance to PWD in the procurement of required licenses to use the data collection software in which the data collected using NSV can be explored and analysed**
- **CRRI has completed the road survey of selected 4300 KM of roads using their own Network Survey Vehicle , FWD data collection is to be started**
- **The procurement process of RMMS software and HDM-4 software is to be completed now so that the collected data can be analysed**

- The Evaluation done as per Standard bid document of World Bank for IT Services giving weightage of 48% to technical bid and 52% to financial bid.
- Technical Evaluation of Bid by CRRI in consultation with E-Gov cell of PWD after inviting all bidders for presentation.

Bidder (a)	Evaluated Bid Price (C) (b) ¹	Technical Bid Score (T) (c) ²	$\frac{C_{low}}{C} \times X$ (d) ³	$\frac{T}{T_{high}} \times (1 - X)$ (e) ⁴	Evaluated Bid Score (B) (f)=(d)+(e)
SATRA Infrastructure Management Services Pvt.Ltd	4,03,88,350.00	79.76	0.52	0.42	0.94
TRL Professional & Software Services (India) LLP in JV with Experion Technologies (India) Pvt Ltd	4,37,04,162.26	91.24	0.48	0.48	0.96
Lonrix Limited / Sri Infotech Joint Venture	4,87,54,160.06	87.95	0.43	0.46	0.89
Award Recommendation	Award to highest Evaluated Bid Score (B) Bidder's Name TRL Professional & Software Services (India) LLP in JV with Experion Technologies (India) Pvt Ltd				

ITEM NO 04 Technical Bid Evaluation Report –(After 2nd retender) Up gradation of Chemmannar- Gap Road (Km 0+000 to 29+935) under Re-build Kerala Initiative

- As the price quoted by the single bidder was too high, the 110th Steering Committee decided to go for re-tender.
- Hence the work was re-tendered on 12.02.2020 with the last date of submission of bid as 13.03.2020. The last date of submission was later extended up to 23-03-2020.
- Three bidders as per table below responded to the bid invitation and all three are responsive bids.

Sl. No.	Name of Bidder	Nationality	Remarks
1	M/s. Cherian Varkey Construction	Indian	Single entity
2	M/s EKK – KNM (JV)	Indian	JV
3	M/s DRAIPL – GREENWORTH (JV)	Indian	JV

The clearance from the World Bank for the opening of financial bids of the above work was received on 24.04.2020. The bidders whose Technical Part have been evaluated as substantially responsive were notified regarding the responsiveness and invited them for the opening of the financial part. The Financial part of the bids were opened on 27.04.2020. The details are as follows:

Sl. No.	Name of bidder	Quoted price (Rs.)
1	M/s DRAIPL – GREENWORTH (JV)	146,67,25,000/-
2	M/s EKK-KNM (JV)	155,80,00,000/-
3	M/s. Cherian Varkey Construction Co. Pvt. Ltd.	1,59,40,00,000/-

Price quoted by the lowest evaluated responsive bidder, M/s DRAIPL – Greenworth (JV) is Rs.146.67 Cr, which is 14.99% more than the estimated cost of Rs. 127.55 Cr may be accepted, considering the fact that this is a 2nd re-tender, and the work being an EPC contract ,to be executed in a **hilly terrain** with five years maintenance period, retendering again may not yield a better offer.

ITEM NO 05 Strengthening of Trauma Care in Safe Corridor Demonstration Project - Construction of Trauma Care ICU at Taluk Head Quarters Hospital, Kottarakkara

As part of Strengthening of Trauma care facility at General Hospital, Kottarakkara renovation of Trauma care building of the hospital is proposed for an estimated amount of Rs.13,92,798/-. The work was tendered on 08.08.2019 and since there was no response, the work was re-tendered on 27.09.2019. The bids were opened on 11.10.2019. Since the bidders have quoted exorbitantly high rates, the work was again retendered on 21/12/2019 and were opened on 01.01.2020. The evaluation details are as follows:

SI No	Name of Bidder	Quoted amount	Estimate PAC	% above/below
1	Bid No: 818116 KS Chandralal, Karthika Ezhukone PO, Kollam	15,28,267.30	13,92,798.00	9.73% above
2	Bid No: PC Saji MadathilPadikkal (H), KS Mangalam PO, Vaikom, Kottayam	19,01,210.75	13,92,798.00	36.50% above

As the bidders have quoted higher rates than estimated rate, comparative statement with Local market rate is prepared and found that, the lowest bidder Sri. KS Chandralal, Karthika, Ezhukone PO, Kollam has quoted a rate of 6.63% below LMR.

ITEM NO 06 PACKAGE III A Request for the Extension of time for the work “Upgradation of the road from Thalassery (Km 01+200) to Kalarode (Km 30+000) of SH30”

Extended Completion Date previously approved : (Extension of Time-04): 31-03-2020.

The work is in Kannur District, which is seriously affected by the COVID-19 outbreak and under red zone. Hence the works were suspended in that region. Also Monsoon is expected by the start of June 2020 and the road works cannot be completed by June end as anticipated. Hence the Extension of Time may be granted for the whole balance works up to **31/10/2020**

ITEM NO 07 PACKAGE III B Request for the Extension of time for the work “Up gradation of the road from Kalarode to Valavupara– For completion of the bridges at Irritty and koottupuzha”

- The whole state is still in partial Lockdown situation, the proposed work locations are in Kannur District, which is marked as a Red Zone area of Covid-19. Necessary actions have already been taken to get permission from the District Administrative Authority for the commencement of work. If necessary permission obtained from the District Authority, the works are expected to complete within three months. Almost one month has been lapsed due to Lock down and also the works will be affected once the Pazhassi Dam in Kannur District is opened by the end of May 2020.
- In view of the above situation and considering the quantum of balance works for completion of both Irritty and Koottupuzha Bridges and the respective approach roads, **the Engineer recommends to approve EOT up to 31st July 2020 for Irritty Bridge**. The National Wild life board(NWLB) has approved application for Koothpuzha Bridge on 20/4/2020 hence extension upto loan ending period of **April 2021 for Koothpuzha bridge**. If the works could not be resumed due to Covid-19 restrictions in the proposed work areas, the work may be considered for further Extension of Time, if required.

ITEM NO 08 Rehabilitation of Existing Bridge at Pazhayangadi in Pilathara-Pappinissery Road and Rehabilitation of Existing Bridge at Bekkal and Chandragiri in Kasargod-Kanhangad Road

- The 109th Steering Committee had approved the extension of time up to 31st January 2020. But the contractor failed to complete the work within the approved time. The contractor had requested further extension up to 31-03-2020.
- The Rehabilitation works at Bekkal Bridge requires closure of bridge for all traffic for 10 days. Permission has been sought from District Collector, Kasargod. Due to the outbreak of Covid-19, the permission is still awaited. Only very few contractors specialized in Bridge Rehabilitation Works are locally available. As the bridge rehabilitation works are to be done, the contractor may be granted **EOT up to 31st July 2020.**

ITEM NO 09 Approval for Variation Statement-VIII for Consultancy Service Construction Supervision and Contract Management for Upgradation of 190km road.

- Package 1 & 2: Additional works as per Supplementary Agreement are not yet completed. Also verification of as-built drawings and final Statement of the work are in progress. Service of the Package-3 Quantity Surveyor is utilized in addition to 1 sub-professional staff along with office support staff which is proposed till Jun'2020 in Package-2.
- Package 3A & 3B: Contractor's application for EOT for the whole works is upto October'20. However in view of the current situation of "Stoppage of works", we expect the completion of whole works by November 2020. For Package 3B, Bridge works for Iritty and Koottupuzha are to be completed, and the work for Koottupuzha may prolong further. Output of Resident Engineer is proposed till October'20 and the output of Dy. Resident Engineer and Surveyor till December 20. In view of the further remaining works and certification of final statement of Contractor, Service of Quantity Surveyor, Bridge Engineer and Material Engineer are extended for the defect Liability Period till October'2021.

- Package 4A&4B: Road works are almost completed and Viaduct work may prolong in view of the current situation. Service of Sr. Structural Engineer has been extended till July'20 and further Bridge Engineer from Package-II will be transferred to Package-4A and his input is proposed till August'20. Material Engineer will be transferred to Package 3 and work for all Packages till DLP completion. Surveyor is till May'20 and Quantity Surveyor & office proposed till December'20.

As per Original contract	183,604,600/-
After Variation-I 88 th Steering Committee approved dated 20.10.2015	26,12,51,815/-
After Variation-II 96 th and 97 th Steering Committee dated 27.07.2017 & 07.11.2017	29,52,50,747/-
After Variation III 99 th Steering Committee dated 26.02.2018.	35,47,52,898/-
After Variation IV 104 th Steering Committee dated 07.05.2019.	38,48,80,907/-
After Variation V for DPR 105 th Steering Committee dated 18.01.2019	39,51,40,907/-
After Variation VI 108 th Steering Committee dated 04.09.2019	40,96,20,157/-
After Variation VII 110 th Steering Committee dated 07-01-2020	41,36,80,627/-
Proposed Variation VIII	1,29,86,617/-
Total including variation VIII	42,66,67,244/-

ITEM NO 10

(a) Arbitration Case-KSTP IV A-Balance upgradation work of Thrissur- Kuttippuram Road- Payment of Arbitral Award.

- Two packages awarded for Palakkad-Shornur and Thrissur-Kuttippuram to M/s Roman Tormat in 2007 with completion date as 5/4/2009 but terminated on 15/2/2009 due to non-performance of the contractor. The contractor went for arbitration claiming non-performance due to non-handing over of encumbrance free site**
- The arbitration award passed on 26/2/2013 for payment of pending bills and performance guarantee with interest.**
- KSTP approached the District Court, Trivandrum against the award and then agreed to pay bills as per arbitral award but withheld the performance guarantee for Rs 2.72 cr in case of Thrissur-Kuttippuram.**
- In case of Palakkad-Shornur the arbitration award was accepted through government order in 2013 which also included payment of Performance guarantee. Hence the legal opinion was - no scope of appeal against the District Court order.**
- Now the district court has decreed to pay back the performance guarantee and interest to be paid has been negotiated down from 10% in arbitral award to 8% and from date of award to date of payment from 10% to 8.5%.**

b) KSTP/PMT/UG-III-Upgradation of the road from Thalassery to Valavupara – Arbitration with the contractor, M/s. SACYR-ESSAR-JV.

- **Work Awarded for Package 3 to M/s SACRY-ESSAR on 29/6/2013 and terminated on 22/4/2015 due to non-performance.**
- **On re-bid of works(Package 3A and 3B ongoing) as award amount was higher, KSTP put a claim of Rs 181 crores and approached High court for arbitration as contractor was not ready for arbitration. Essar also filed counter-claim of Rs 150 crores in High Court.**
- **High court appointed arbitrators on 14/9/2015 and arbitrator fee of Rs 6 lakh per sitting with 2 lakhs each to each arbitrator fixed by arbitrators and accepted by both parties.**
- **The contractor has withdrawn arbitration proceedings stating insolvency. The tribunal has already been paid Rs 1.53 crores by KSTP and equal amount by contractor.**
- **KSTP was requested to pay full fees for another 5 sittings (Rs 30 lakhs) to decide on claim of KSTP by the Tribunal.**
- **As per amended arbitration act, 2015 the maximum amount for arbitration fee is limited to Rs 30 lakhs and AG has already raised objection to the paid arbitration fees for which reply was furnished after consulting law department that new amendment is not applicable to this contract as the Arbitration request was filed before amendment. Further the cost of arbitration is also part of arbitral award.**

ITEM NO 11

Appointment and Extension of Services

- (a) Approval of Extension of Term of Finance Manager**
- (b) Extension of the term of contract appointment of Accountant in Finance Wing, KSTP.**
- (c) Appointment of Consultant Electrical Engineer in KSTP(PMT).**
- (d) Posting of Environmental Engineer in KSTP (PMT).**
- (e) Contract appointment of Sociologist in KSTP Division, Kottarakkara.**
- (f) Appointment of Research Assistant in KSTP(PMT).**
- (g) Appointment of Confidential Assistant in the O/o the Addl.Chief Secretary, PWD on contract Basis.**
- (h) Enhancement of Retainer Fee of Sri. Manoj Kumar, Legal Advisor, KSTP**

Package 1 Kasargod-Kanhangad



Stud installation at Km 7+800



Solar led blinker at Km 23+550



Bekal Port Auto parking



Bekal fort Road

Package 2 Pilathara-Pappinssery



RamapuramOxbow land



Pazhayangadi Rehabilitation work span



Rehabilitation Pazhayangadi A1 – P1 **Slide No 29/39**

Package 3 A

**DBM @ CH 27+700
– 28+100 LHS**



GSB IN PROGRESS AT 21+710 – 21+790



**GIRDER LAUNCHING COMPLETED Between PIER P2-
P3 @ Km 2+910 Eranholi Bridge**

Slide No 30/39

Package 3 B



Iritty Bus stand junction



Iritty Bridge work is in progress



- Oxbow land at 39+350 RHS.



Slide No 31/39
Drain Work in progress 2 A2 ide approach of Iritty bridge.

Package 3 B



Incomplete portion of Kootupuzha Bridge in Package 3 B due to clearance from Karnataka Forest Department pending.

Package 3 B



Package 3 B –Slope Protection works being carried out at critical locations

Package 4 A Thiruvalla bypass



World bank visit on 03-03-2020



V drain concreting work at 1+450 LHS



Girder reinforcement work, Viaduct



Subgrade work from Km:2+150 to km:2+200

Package 4 B – Photographs



Coverslab fixing work



Footpath Laying work



Road Marking works completed at BC completed areas

Package 8 B – Konni - Placherry Photographs



Laboratory construction completed and equipment fixing in progress



World Bank Mission Team Visited the Site

Package 8 C – Placherry –Ponkunnam-Photographs



World Bank Mission team Visited the Site



Rock breaking work in progress



RMC Plant erection work in progress



C & G Work in Progress

SCDP Work -Photographs



Road Marking @ Mercy



Culvert extension @ Adoor



Thank you