



Project Management Support for State Bank of India – SARG

**Four Laning of Krishnagar Baharampore Section
of NH-34 in West Bengal**

Monthly Review #61 for November 2021

10-Dec-2021

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Acronyms and Abbreviations

SKBHL	SEW Krishnagar Baharampore Highways Ltd	NCPN	Non-Conformant Performance Notice
CA	Concession Agreement	NHAI	National Highway Authority of India
CALA	Competent Authority for Land Acquisition	OTFIS	One Time Fund Infusion Scheme
COD	Commercial Operations Date	PUP	Pedestrian Under Pass
DBM	Dense Graded Bituminous Macadam	PRO	Public Relations Officer
DER	Debt Equity Ratio	PRW	Piece Rate Workers
EH&S	Environment, Health & Safety	QC	Quality Control
HMP	Hot Mix Plant	RoW	Right of Way
HR	Human Resources	ROB	Road Over Bridge (Road Over Railway)
IDC	Interest During Construction	RHS	Right Hand Side
IE	Independent Engineer	SPV	Special Purpose Vehicle
INR	Indian Rupees	SATC	Semi Automatic Toll Collection
LHS	Left Hand Side	TPC	Total Project Cost
LIE	Lenders' Independent Engineer	TL	Team Leader
LCN	Lenders Credit Notice	IPC	Interim Payment Certificate
N/A	Not Applicable	WMM	Wet Mix Macadam

Disclaimer

This document has been extracted from the information provided to us during discussions with SEW Krishnagar Baharampore Highways Ltd. ("SKBHL") and from data / reports / documents provided to us, pertaining to the SKBHL Project undertaken in Krishnagar - Baharampore region in the State of West Bengal. We have not independently verified this source information and accordingly express no opinion or make any representation concerning its accuracy and completeness.

The work of the KPMG representatives would not diminish the responsibilities of the management of SKBHL and State Bank of India Project Finance SBU in design, development, implementation and operations of internal controls or for project implementation. They are accountable for adequacy, extent and control of internal and project control systems. Because of the nature of project monitoring and reporting services, our report may not be suitable for any purpose other than to assist you in evaluation of controls over the specified processes referred to above and in accordance with the appointment letter dated Aug 14, 2016.

The information and representation in this report are made available to us by management and the observations made in this report are based on the limited walk-through reviews of limited transactions and may not detect fraud and irregularities.

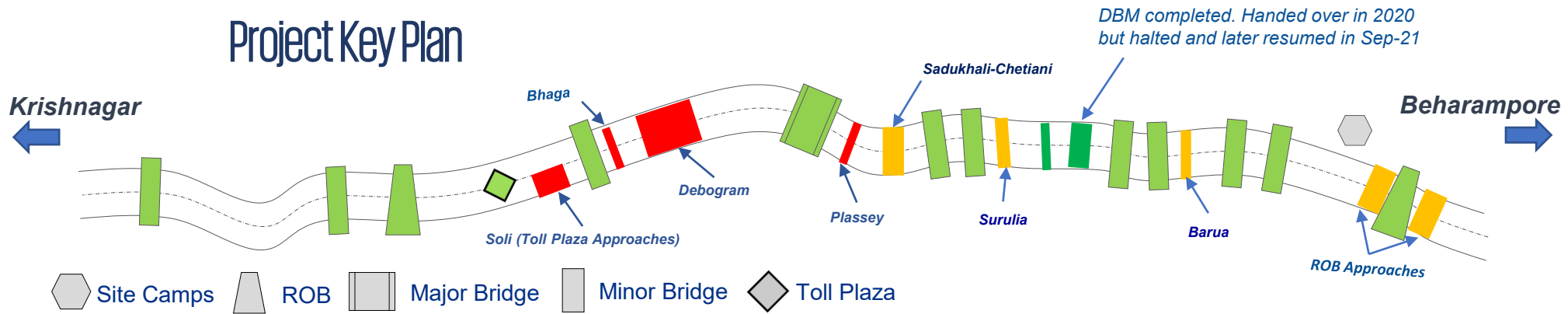
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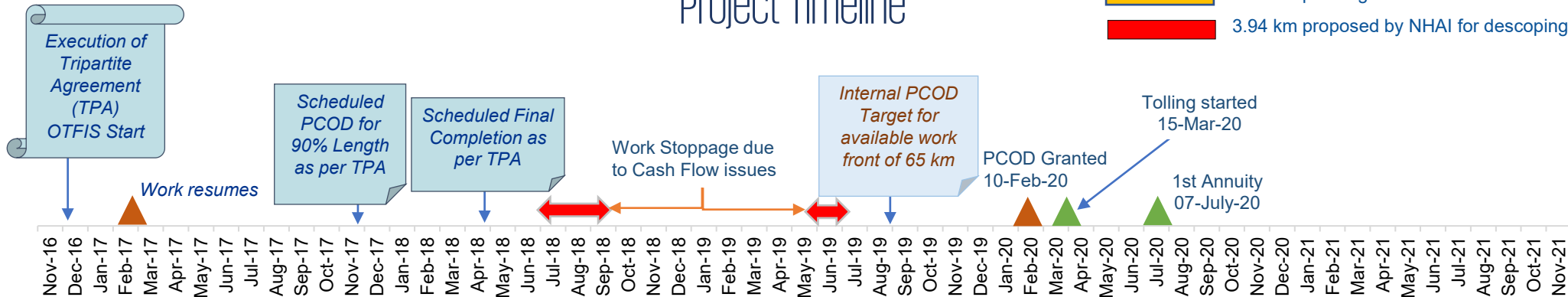
Section 1 – Executive Summary

Update For The Month: SEW began works in parts on 7 out of 11.34 km, on 16-Dec-20 – the value of which is estimated at **~INR 67 Cr** as per preliminary estimates. As on Nov-21, it is expected that at Beldanga Junction (km 179+410), 0.45 km of new work-front will be handed over by NHAI by mid Dec '21. Presently, 1.84 km of length has been made available out of 2.34 for work. During Nov-21 the value of work done was **~INR 0.37 Cr**. During the same period, towards O&M works – a total of **INR 1.01 Cr** of payment requests for 15 vendors were made of which **INR 0.96 Cr** were recommended. Towards Construction works – a total of **INR 1.44 Cr** of payment requests for 42 vendors were made of which **INR 1.44 Cr** was recommended.

Project Key Plan

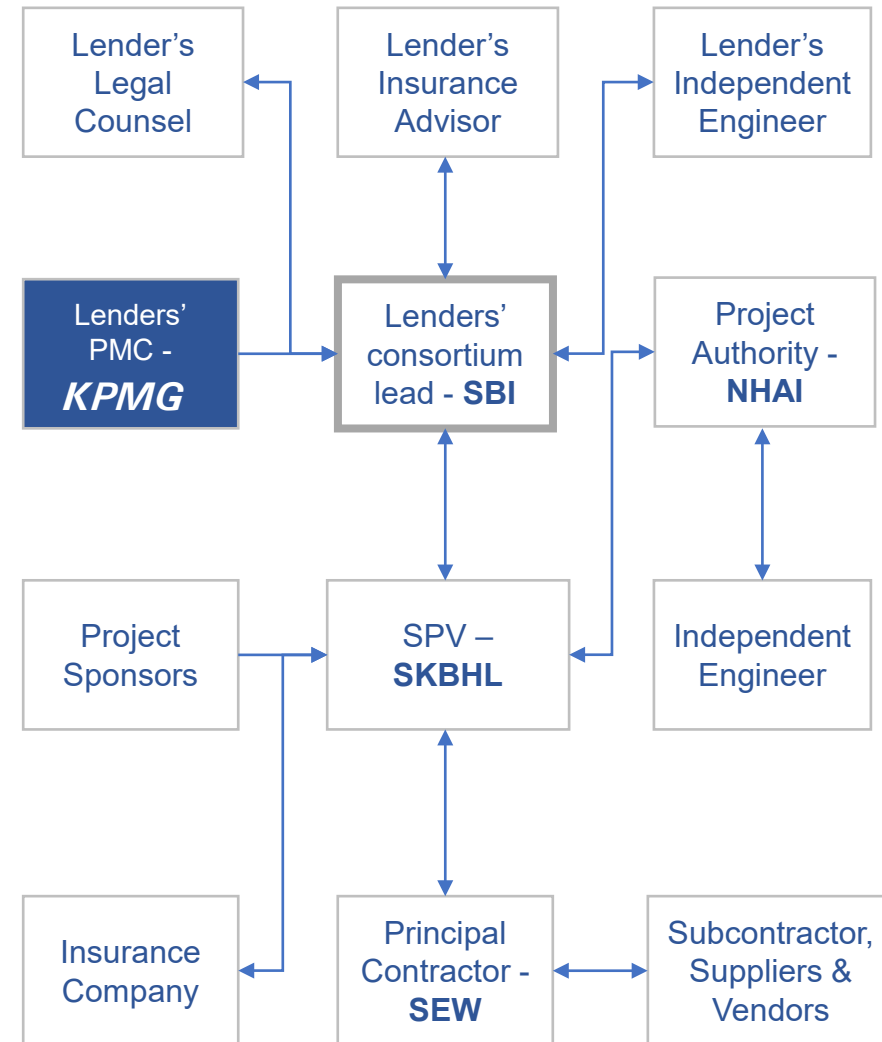


Project Timeline



Section 2 - Project Features & Stakeholder Map

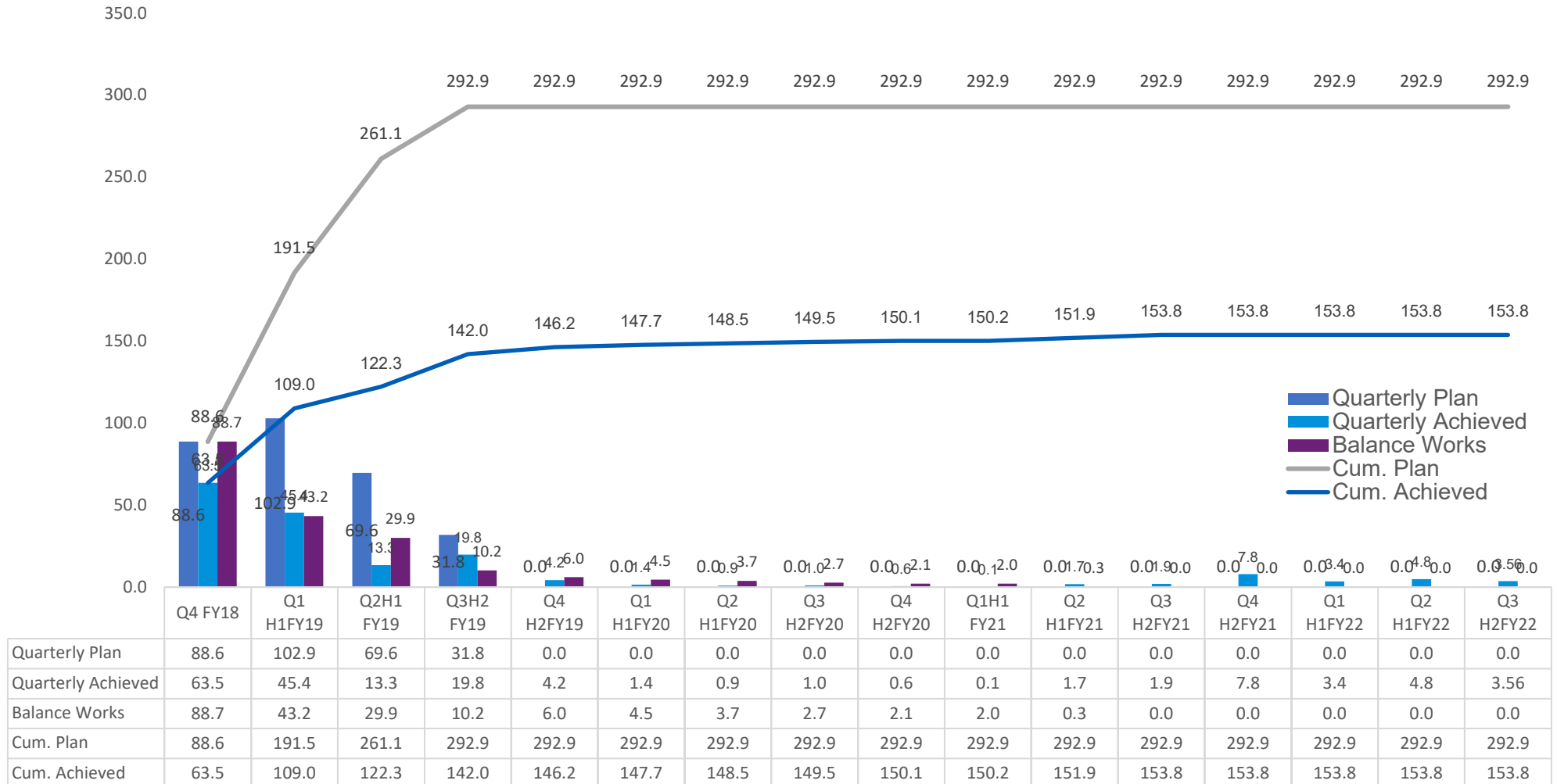
Description	Details
Length	78 km (km 115 to km 193)
Client	NHAI
Concessionaire	SKBHL
EPC Contractor	SEW Infrastructure Ltd.
Independent Engineer	Y.J.Engg. & Feedback Services
Design Consultant	Sheladia Associates Inc.
Construction Period	910 days
Concession Period	15 years
Appointed Date	10-Feb-2012
Scheduled Completion	10-July-2014
Targeted Completion	31-Dec-2018
Estimated Completion	15-May-2019 (for 65.018 km)
PCOD Recommended	13-Nov-2019 (for 65.018 km)
PCOD Granted	10-Feb-2020 (for 65.018 km)
Tolling Commencement	15-Mar-2020
1 st Annuity Receipt	07-July-2020
Revised Length	72.018 km (after 3.94 km to be descoped)



Section 3 - Work Progress

(1/2)

The progress achieved by the EPC contractor is represented in the S Curve below. ~INR 293 Cr was originally estimated to complete the entire ~77 km of the project. However, owing of the reduced encumbrance-free RoW handed over the value of works was reduced to ~INR 101 Cr for the available work-front – executed in Q3 H2FY22 as on date



Section 3 - Work Progress Nov-21

(2/2)

Presently work is being taken up in 1.86 Km out of 2.34 km. (Construction Work Progress)									
Layer	Unit	Total Scope	LHS FTM	RHS FTM	Total FTM	LHS Cum.	RHS Cum.	Total	%
BC	2L-km	4.68	0.670	0.00	0.670	0.670	0.00	0.67	14.31%
DBM	2L-km	4.68	0.0	0.09	0.09	1.84	1.93	3.77	80.55%
WMM	2L-km	4.68	0.00	0.00	0.00	2.54	1.14	3.68	78.63%
Granular Base Course - Sub-total					0.00			3.68	
GSB	2L-km	4.68	0.67	0.00	0.67	2.6	1.87	4.47	95.51%
Granular Sub Base Course - Sub-total					0.67			4.47	

Structure Works	Activity	Completed this month (Nos)	Completed till date (Nos)	PCOD Scope (Nos)	Progress	Remarks
Culverts	Construction	-	99	99	100%	Completed

Toll Plaza	Completed till date	PCOD Scope	Completion Status	Remarks
DLC	2,358 cum	2,597 cum	91%	Remaining DLC and PQC can be taken up only once the RHS obstructed land is handed over by NHA. The left-over portion is under hindrance & de-scoped
PQC	5,099 cum	5,528 cum	92%	
Side Drains	520 m	616 m	84%	

FTM = For The Month

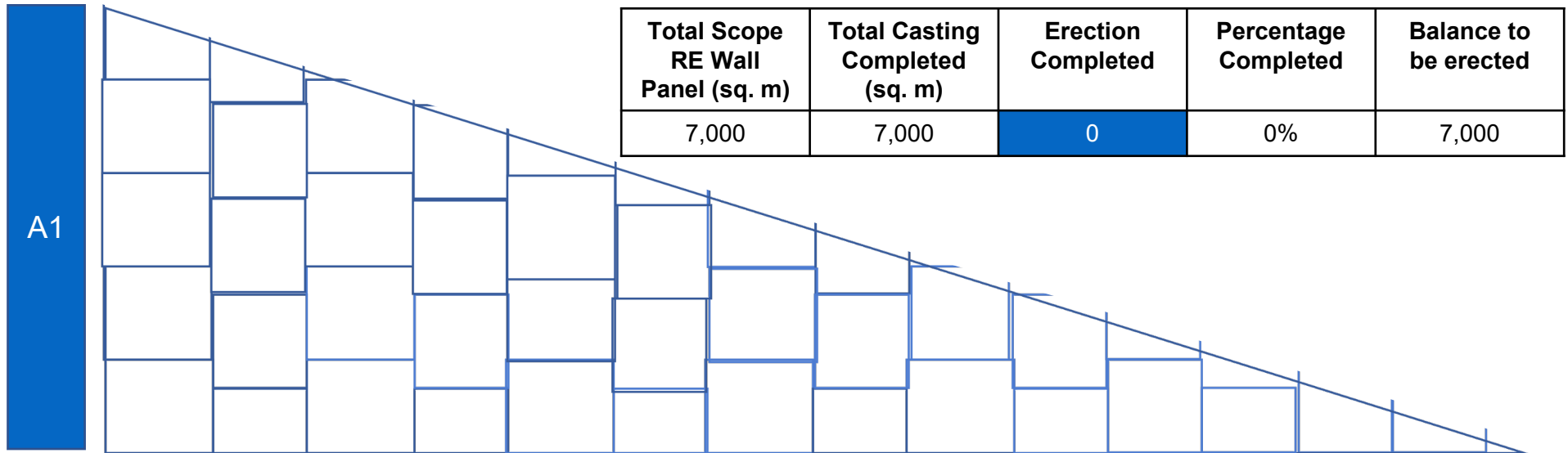
Section 3A – ROB 2 Approach Ramp Status – Krishnanagar End (1/3)

ROB 2



Soil improvement A1-A2 side ROB Approaches

An engineering agency has been completed the soil investigation for the design verification of RE Wall foundation and ground improvement was to be explored. The ground improvement is now completed and from Jan-21. IIT – Kharagpur issued the design & drawings report on 25th May-21. However, this stretch is yet to be handover from NHAI. Due to this logjam, a large number of vehicle line up at the level crossing everyday



Note – Representation is not to scale.

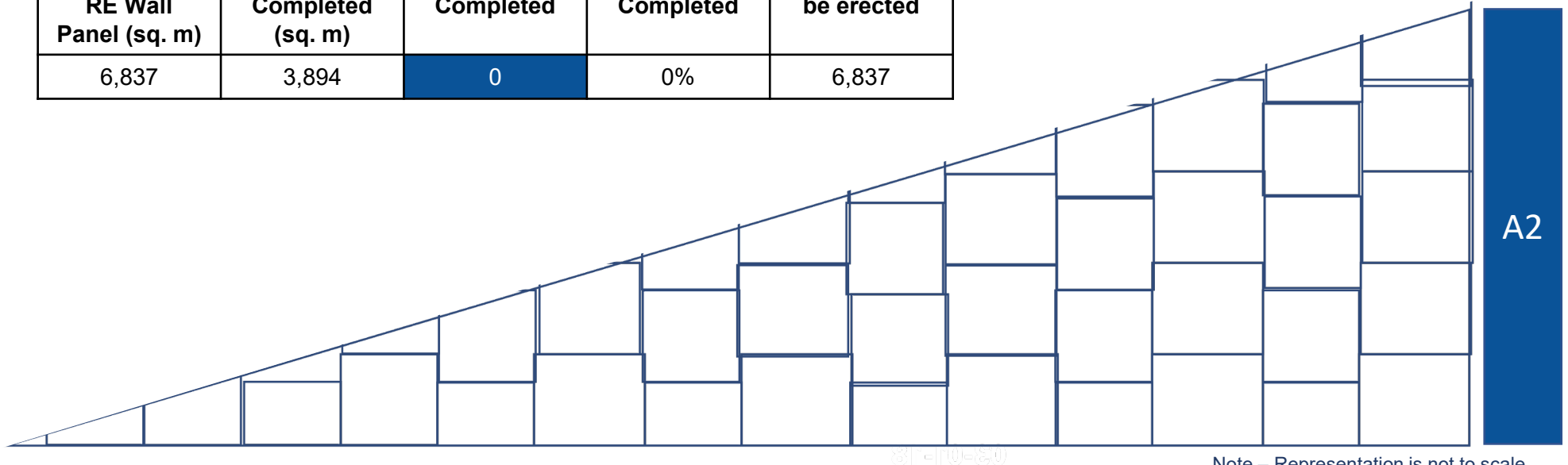
Section 3A – ROB 2 Approach Ramp Status – Behrampore End (2/3)

Access Road to ROB 2 A2 Side



Utilities have been shifted on the A2 side and the desired diversion width as per the Traffic Management Plan is now available. However, this stretch is yet to be handover from NHAI. Due to this logjam, a large number of vehicle line up at the level crossing everyday

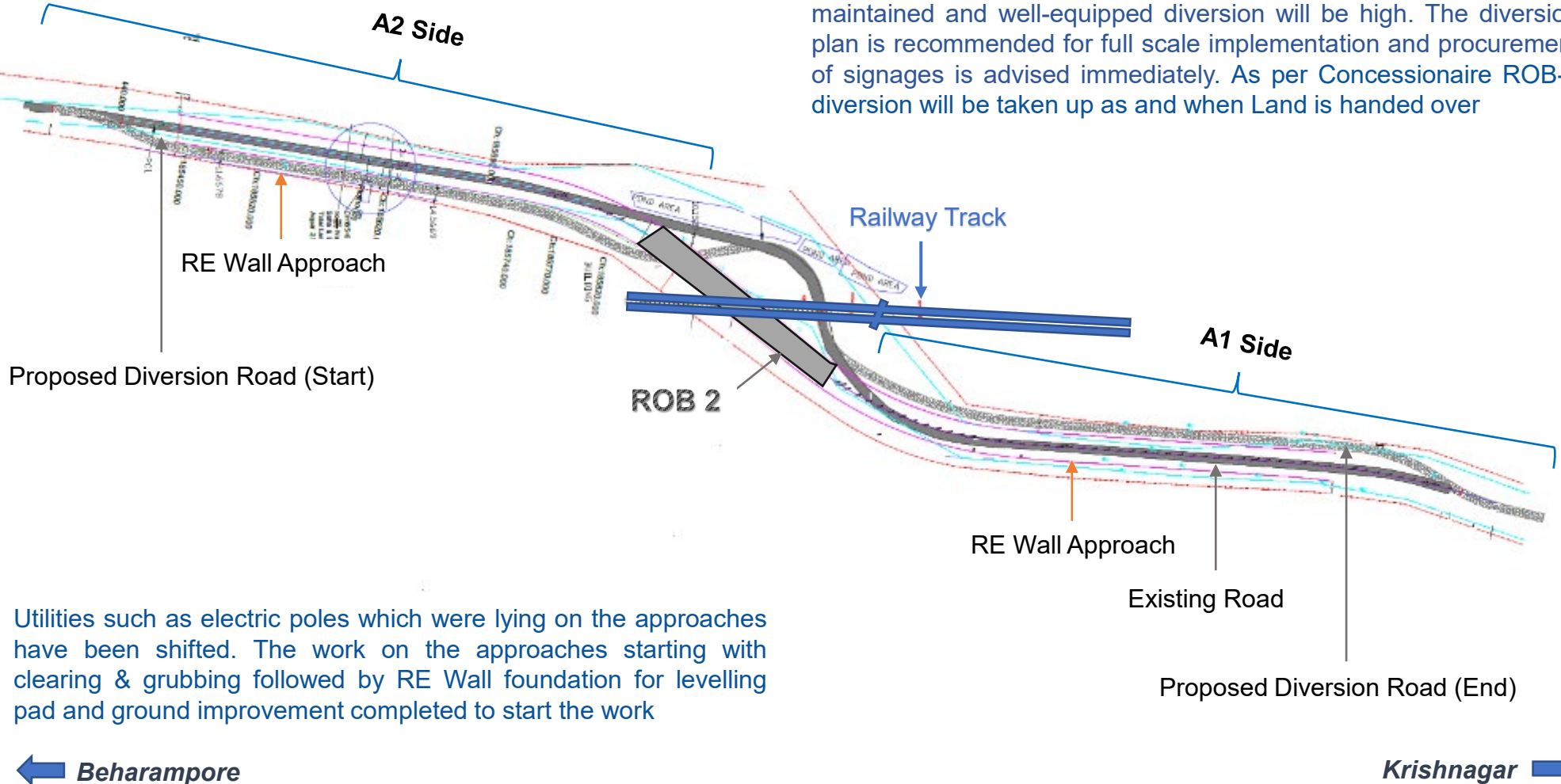
Total Scope RE Wall Panel (sq. m)	Total Completed (sq. m)	Erection Completed	Percentage Completed	Balance to be erected
6,837	3,894	0	0%	6,837



Note – Representation is not to scale.

Section 3A – ROB 2 Diversion Plan for Approach Construction (3/3)

Since our project is now a Tolled road – even though the ROB 2 section is out of the PCOD length – the public expectation for a well maintained and well-equipped diversion will be high. The diversion plan is recommended for full scale implementation and procurement of signages is advised immediately. As per Concessionaire ROB-2 diversion will be taken up as and when Land is handed over



Utilities such as electric poles which were lying on the approaches have been shifted. The work on the approaches starting with clearing & grubbing followed by RE Wall foundation for levelling pad and ground improvement completed to start the work

Section 4 – Critical Issues

No.	Critical Issue	Description
1	ROB 2 Approaches: Diversion	Delay in implementation of diversion plan for ROB 2 approach works is a major concern since PCOD as it involves construction of a new Level Crossing for vehicular movement over the railway track. Since the utilities have ben shifted, the concessionaire needs to communicate to NHAI for handover of remaining land so that construction activities can commence.
2	Land Handing Over	Status of land handed over, encumbrance-free, is enclosed in Annexure - 1. It is advised that the concessionaire communicate regularly with NHAI for handover of remaining land for construction activities to commence.
3	O&M – Periodic Maintenance	Due to over loaded (70 to 80 MT category) transport vehicles plying, the surface on RHS is visibly damaged at various locations. The concessionaire is thereby forced to carry out the BC repairs for over 25 km length for on varying widths of 3 to 4 m. Due to the movement of overloaded vehicles till mid of 2021 since PCOD, additional pavement maintenance costs have arisen and are likely to increase further on RHS.
4	O&M - Emergency Services Staff	Dedicated Route Patrolling Officer has been mobilized. Additional drivers and operators for night shift have been hired - RPO Van, Tow Truck/Crane and Ambulance.
5	Site Observations & Suggestions	Please refer Annexure -2

Section 4A – Labour Availability at Site (Construction and O&M)

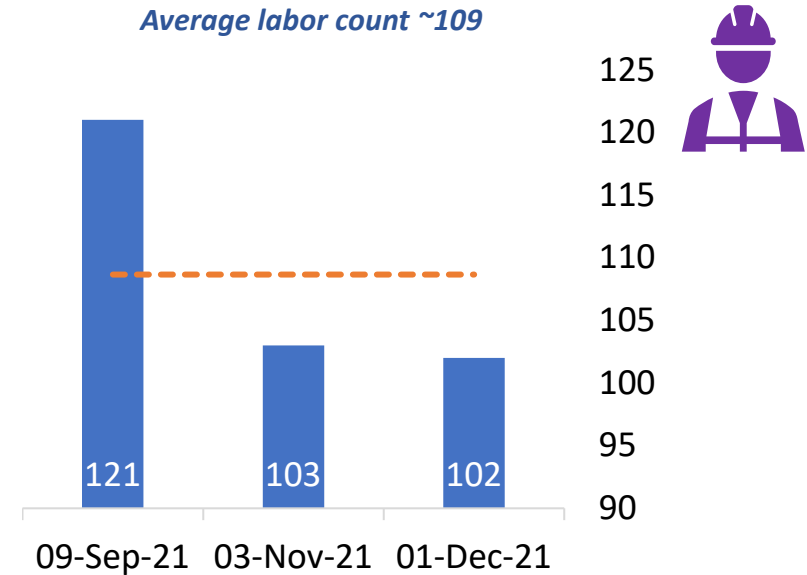
3 Labour gangs are presently mobilized for O&M works such as:

- Median Cleaning
- Safety Guard fixing,

and 2 Gangs have been mobilized for Construction works such as:

- WMM Works
- DBM Laying

Details of labor availability as inspected on 01-Dec-21 are shown below. The chart alongside depicts the monthly labour headcount since Sep-21.



PRW Vendor	Description	Chainage	Type	01-Dec-2021
Sarkar	Highway Median Grass Cutting & Cleaning	115 to 132	O&M	25
Shajahan Shaikh	Median Drain Cleaning	115 to 191	O&M	23
Md. Salim	GSB WMM & Kerb marking	178 to 181	Construction	19
SA Construction	Highway Median Grass cutting & Cleaning	132 to 191	O&M	22
Rupesh	Bituminous Laying Contractor	115 to 191	O&M + Construction	13

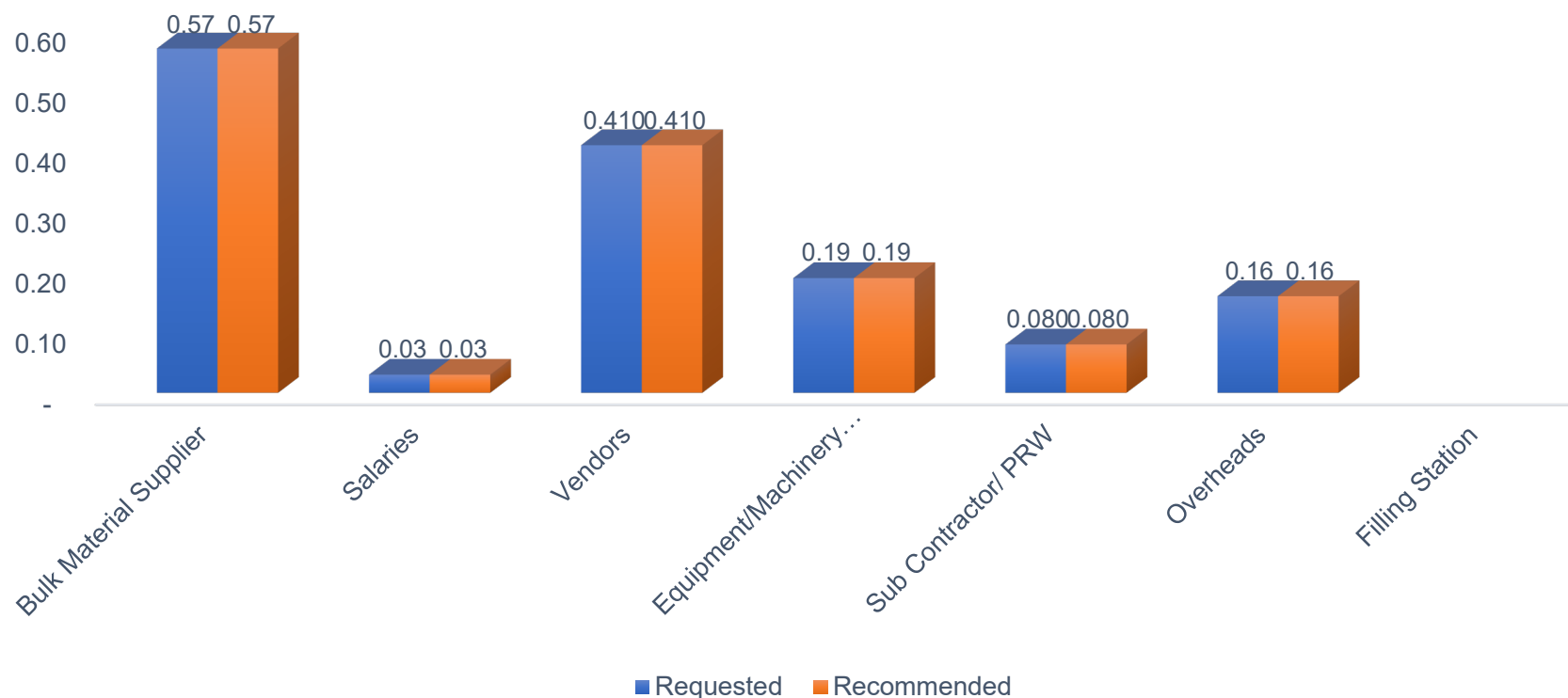
	Category	Sub-category	Activity	Unit	Cum. Value for O&M Period		
A	Route Operations						
		Route Patrolling					
			RPO Surveillance	km	2240		
			Roadkill Removal	Nos	25		
			Debris Removal	Length	2.5		
			ECB Calls Addressed	Nos	9		
		Accidents			Minor	Major	Fatal
			Road Traffic	Nos	0	4	3
			O&M Staff	Nos	0	0	0
		Emergency Services					
			Tow Truck Service	Nos	4		
			Ambulance Service	Nos	5		
			Safety Barricading	Nos	37		
B	Routine Maintenance						
		Median Plantation		km	53		
		Cleaning of Drains		Km	6.3		
		Cleaning of Chutes		Nos	2		
		Toll Plaza Housekeeping		Days	30		

	Category	Sub-category	Unit	Values
C	Periodic Maintenance			
		Patchwork/Pothole Repairs	sq.m	1809
		MBCB Repairs	km	0.0
		MBCB Replacement	km	0.09
		Sign Boards Replacement	Nos	23
		Overhead Gantry Boards Repairs	Nos	0
		Pedestrian Guard Rail Repairs	km	0
		Pedestrian Guard Rail Replacement	km	0.01
		Guard Stones Replacement	Nos	13
		KM Stones Replacement	Nos	3
		Hectometer Stones Replacement	Nos	06
		Traffic Blinkers Replacement	Nos	20
		Road Marking	sq.m	0
		Median Kerb	Rm	0
		Earthen Shoulders	km	2.3
D	Major Maintenance			
		BC Milling	sq.m	0
		BC - Repairs & relaying	sq.m	4766

Section 6 – Status of Recommendations (Construction) 1/3

During the month of Nov-21 the EPC contractor made a total of INR 1.44 Cr of payment requests, of which INR 1.44 Cr were recommended. A total of 42 vendors were recommended in both months. The requests and recommendations for the months are depicted in the chart below as per various vendor categories

Period	Bills/Invoices Requested	Bills/Invoices Recommended
Nov-2021	INR 1.44 Cr	INR 1.44 Cr
Cumulative (Const)	INR 367.92 Cr	INR 348.05 Cr

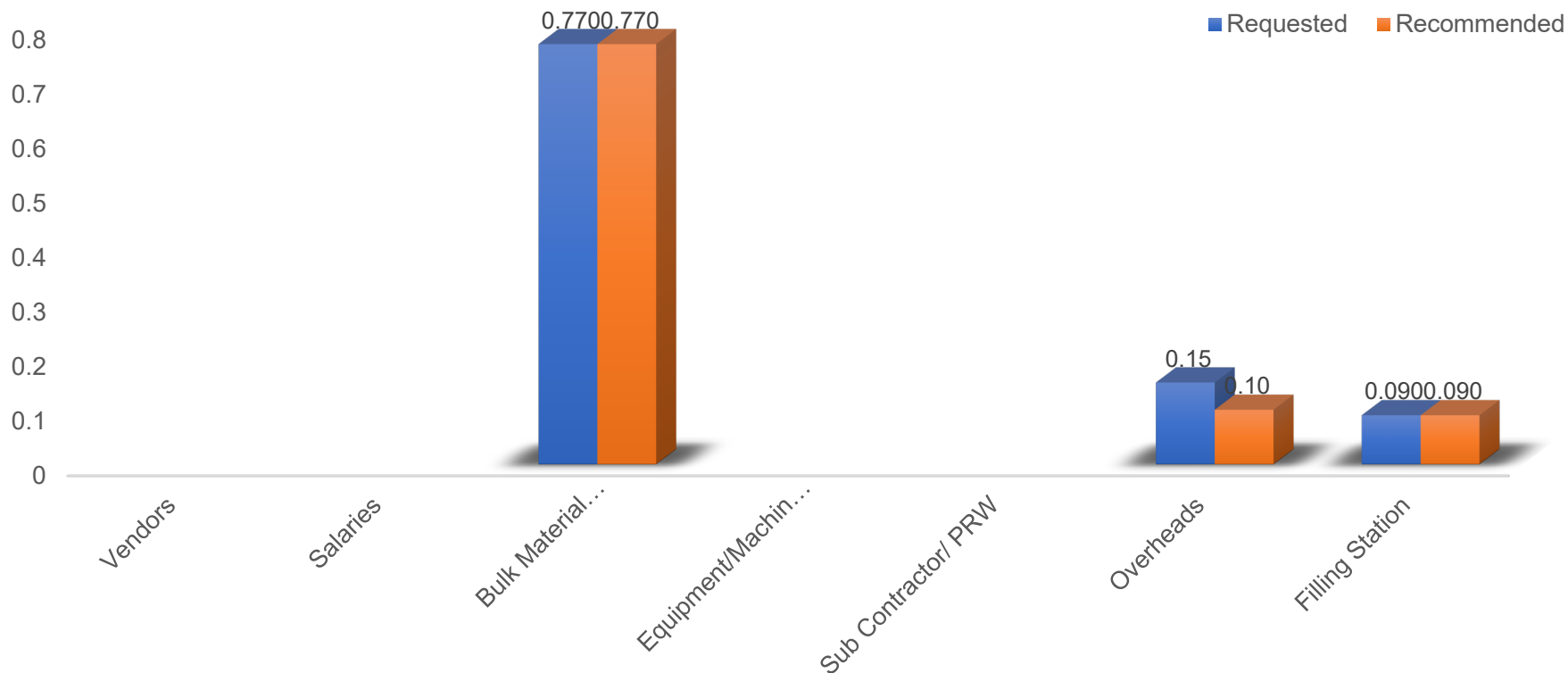


Section 6 – Status of Recommendations (O&M)

2/3

During the month of Nov-21 the EPC contractor made a total of INR 1.01 Cr payment requests of which INR 0.96 Cr were recommended. A total of 15 vendor recommendations were made during the both month. The requests and recommendations for the months are depicted in the chart below as per various vendor categories

Period	Bills/Invoices Requested	Bills/Invoices Recommended
Nov-2021	INR 01.01 Cr	INR 00.96 Cr
Cumulative (O&M)	INR 10.08 Cr	INR 8.97 Cr

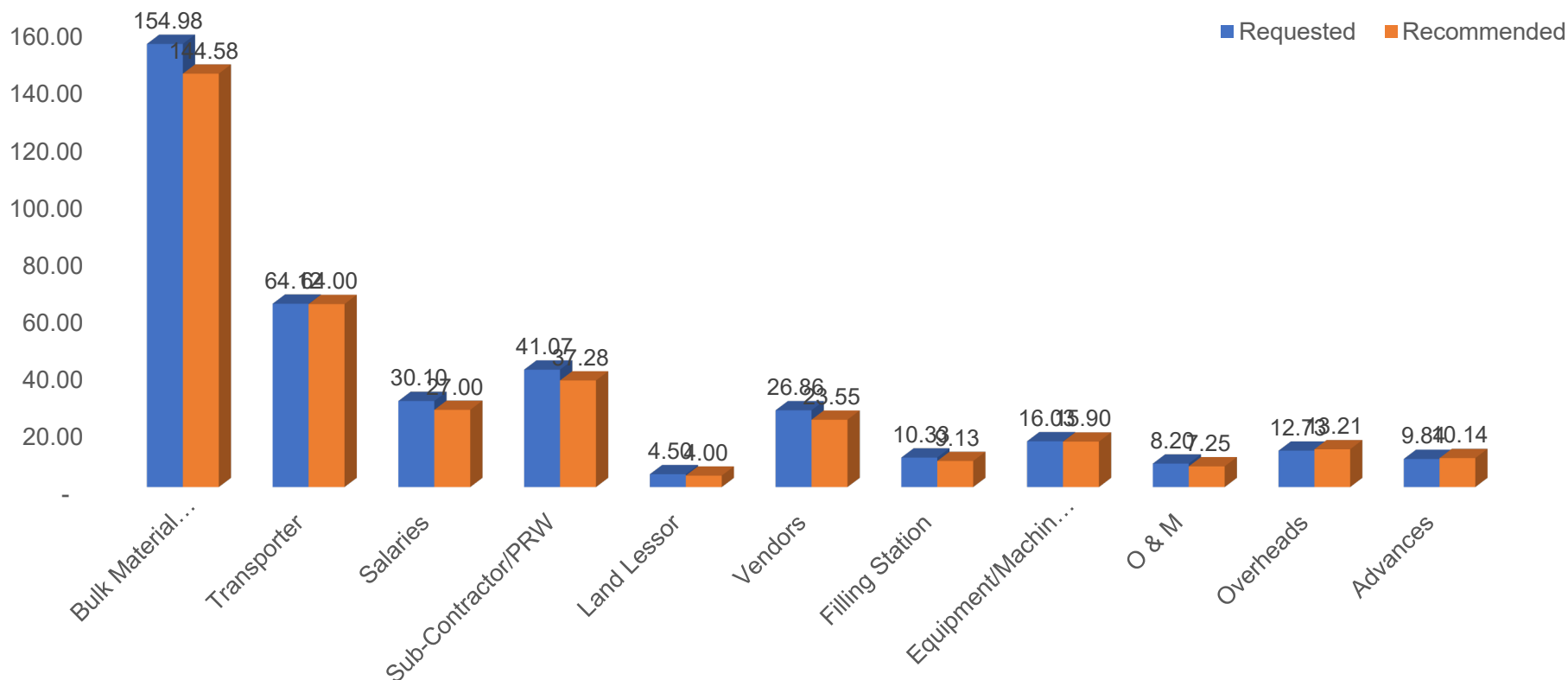


Section 6 – Status of Recommendations (Cumulative)

3/3

Since being appointed, KPMG has reviewed invoices totaling **INR 378.76 Crores** till date. Based on the documentation made available and checks on physical progress on site, KPMG has recommended an amount of **INR 356.04 Crores** against the same.

Period	Bills/Invoices Requested	Bills/Invoices Recommended
Cumulative (Oct '16 – Nov '21)	INR 378.76 Crores	INR 356.04 Crores



Section 7 – Physical Stock Records

1/2

Physical stock record as per SEW's major material stock report as on 01-Dec-2021 is as below:

No.	Material	Type	Unit	Camp 3
1	Cement	OPC-43	MT	5.19 (103 Bags)
2	Sand		MT	124
3	40mm	40 mm	MT	686
4	20mm	20 mm	MT	1,945
5	10mm	10 mm	MT	2,812
6	Dust	Dust	MT	1,868
7	GSB	GSB	MT	-
8	Boulder		MT	378
9	RAP		MT	1,163
10	Bitumen	VG-30	MT	14
11	Bitumen	VG-40	MT	7
12	SS	SS-1	MT	6
13	RS	RS-1	MT	20
14	HSD	-	liters	524
15	FO/LDO	-	MT	15
16	Admix	-	MT	1
17	TMT	HYSD Fe 500 (all dia's)	MT	23
18	RE Wall Panels	-	SQM	10894

Section 7 – Verified Hired P&M list

2/2

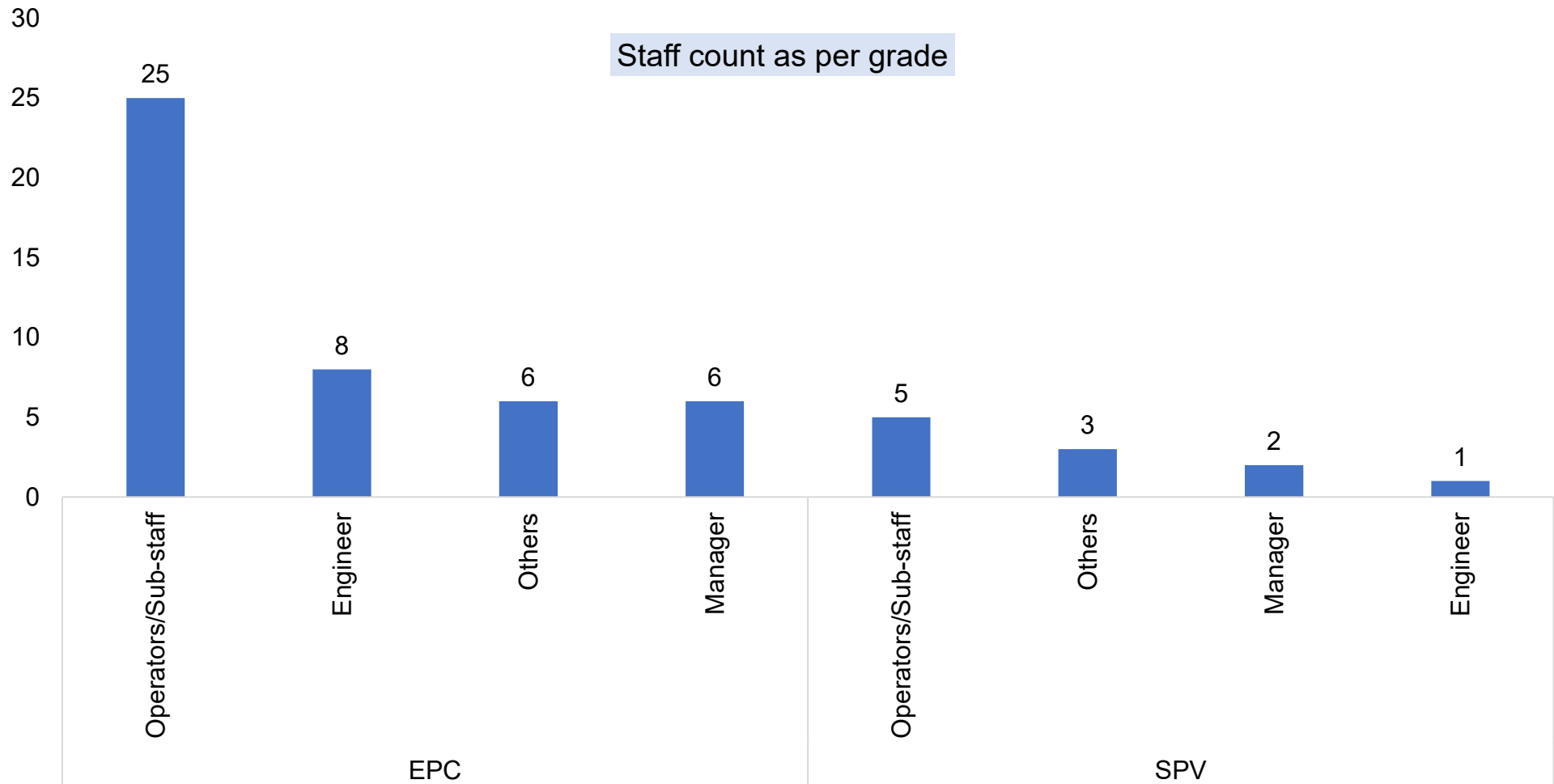
Our team physically checked & verified hired machinery on 01-Dec-21.

Vendor	Type	Unit	Nos.	On Verification
Kalpana Karmakar	PC-200 Excavator	Nos	1	Found
E R Enterprises	Milling machine	Nos	1	Unavailable
Maa Road lines	Loader	Nos	1	Found
B K Enterprises	Tipper	Nos	3	Found
Mushtaq	Tipper	Nos	1	Found
Harpal Singh	Motor Grader	Nos	1	Found
	Motor Grader	Nos	1	Unavailable
Mahabbat Ali	TATA SUMO	Nos	1	Unavailable
Subikash Sen,	MAHINDRA SCORPIO	Nos	1	Unavailable
Shahajahan.SK	Tractor (WB-41F-3875)	Nos	1	Unavailable
	Mobile Van (WB-41D-7605)	Nos	1	Found
Mustak SK	Dumper- 10 Tyre	Nos	1	Unavailable
Jaidul Sk	Bolero	Nos	1	Unavailable
Marinotrans	274 MT Crawler Crane	Nos	1	Unavailable
Shyam Crane	160 MT Truck Mounted crane	Nos	1	Unavailable
Sahabuddin Khan	Bolero Camper	Nos	1	Unavailable
Maa Road Lines	Dumper- 10 Tyre	Nos	13	Unavailable
Sanjiv Agarwal	Loader	Nos	1	Unavailable
	Excavator- CAT 320 D2	Nos	1	Unavailable
STANDARD WORKSHOP	14 Ton Hydra	Nos	1	Unavailable
MANIK SARKAR	Generator 20 kVA	Nos	1	Unavailable
	Generator 40 kVA	Nos	1	Unavailable

Section 8 – Staff Verification – Overall Breakup

1/4

Presently, there are **55 nos** of staff claimed to be dedicated to the project - of which 5 are Head Office based while 50 are at site. The 6 Operators/Sub-staff personnel in the SPV team are the O&M specific employees whereas the complete EPC team (60 nos) are presently mobilized for the balance construction of 3.40 km scope as well as for O&M repairs on the damaged pavement.



Section 8 – Staff Verification – EPC Team

2/4

Site staff for SPV and EPC Teams verified by KPMG team are as below. Head Office staff are unverified but are recommended for salaries based on SEW's undertaking

No.	Mode	Employee Name	Designation	Location	Team
1	SEW Payroll	Gowri sankara Rao Chaduvula	DGM (Contracts)	EPC	Head Office
2	SEW Payroll	Hari Mohan Krishna Kolli	Dy. Manager (Planning/QS)	EPC	Head Office
3	SEW Payroll	Suresh Gonaguntla	Asst. Manager (Purchase)	EPC	Head Office
4	SEW Payroll	Narayana Babu M V Kalvakunta	Associate Vice President	EPC	Site
5	SEW Payroll	Mallikarjun Kolla	AGM (Mechanical)	EPC	Site
6	SEW Payroll	Bhaskar Rao Potluri	Manager (Crusher & Establishment)	EPC	Site
7	SEW Payroll	Muddapu Visweswara Rao	Manager (QC)	EPC	Site
8	SEW Payroll	Suraj Mudli	Engineer (Structures)	EPC	Site
9	SEW Payroll	Ramesh Muddada	Sr. Engineer (Highways)	EPC	Site
10	SEW Payroll	Swamy Bongu	Engineer (Highway)	EPC	Site
11	SEW Payroll	Malyadri Kotu	Assistant (Stores)	EPC	Site
12	SEW Payroll	Praver Kumar Regalla	Executive (Stores)	EPC	Site
13	SEW Payroll	Venkata Ramakrishna Karri	Computer Operator	EPC	Site
14	SEW Payroll	Seepana Someswararao	Sr. Lab Technician	EPC	Site
15	SEW Payroll	Sribas Ghosh	Quantity Surveyor	EPC	Site
16	SEW Contract Staff	Nandhjeth Pandit	Driver	EPC	Site
17	SEW Contract Staff	Prakash Chadar	Welder	EPC	Site
18	SEW Contract Staff	Arup Roy Choudhury	PRO	EPC	Site
19	SEW Contract Staff	Ardhendu Banerjee	Executive (HR/Admin)	EPC	Site
20	Daily Wage	Shiv Shankar Singh	Driver (HMT)	EPC	Site
21	Daily Wage	Mostak Sk.	Driver (LMV)	EPC	Site
22	Daily Wage	Sasthicharan Das	Driver (LMV)	EPC	Site
23	Daily Wage	Md. Kabir Husain	Driver (LMV)	EPC	Site
24	Daily Wage	Hafijul Sk.	Driver (Trailer)	EPC	Site

Section 8 – Staff Verification – EPC & SPV Team

3/4

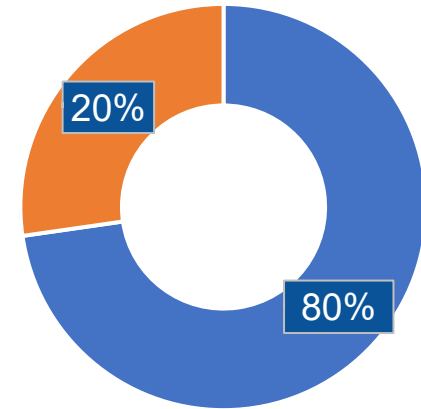
No.	Mode	Employee Name	Designation	Location	Team
25	Daily Wage	Raj Kishor Ray	Driver (Water Tanker)	EPC	Site
26	Daily Wage	Sushil Kumar	Operator (Paver)	EPC	Site
27	Daily Wage	Md.Asif	Operator (HMP)	EPC	Site
28	Daily Wage	Md.Mumtaj Rauf	Operator (Excavator)	EPC	Site
29	Daily Wage	Binod Kumar Singh	Operator (Loader)	EPC	Site
30	Daily Wage	Parichay Manadal	Operator (Hydra)	EPC	Site
31	Daily Wage	Manoj Mondal	Operator (Hydra)	EPC	Site
32	Daily Wage	Abu Talef Biswas	Operator (Concrete Pump)	EPC	Site
33	Daily Wage	Arun Yadav	Opeartor (Soil Compactor)	EPC	Site
34	Daily Wage	Shambhu Paswan	Operator (Batching Plant)	EPC	Site
35	Daily Wage	Arun Yadav	Operator (Soil Compactor)	EPC	Site
36	Daily Wage	Oli Chowdhury	Jr. Engineer (Stores)	EPC	Site
37	Daily Wage	Swapan Paul	Asst. Manager (Security)	EPC	Site
38	Daily Wage	Poly Chowdhury	Assistant (QS)	EPC	Site
39	Daily Wage	Rajesh Kumar Jha	Supervisor (Stores)	EPC	Site
40	Daily Wage	Chandan Kr.,	Mess Cook	EPC	Site
41	Daily Wage	Prabhat Sarkar	Welder helper	EPC	Site
42	Daily Wage	Amar Mukherjee	Mess Supervisor	EPC	Site
43	Daily Wage	Dipak Kumar Pandey	Mechanic	EPC	Site
44	Daily Wage	Faramuj Ansari	Mechanic	EPC	Site
45	Daily Wage	Banamali Samanta	Foreman (Electrical)	EPC	Site
46	Daily Wage	Surajit Khatua	Electrician	EPC	Site
47	Daily Wage	Ashok Kumar Mishra	Sr. Supervisor (Mechanical)	EPC	Site
48	Daily Wage	Dilip Ram	Driver (HMT)	EPC	Site
49	Daily Wage	Bhanumurthy S.	Executive (Stores)	EPC	Site
50	Daily Wage	Sudip Mallick	Driver (HMT)	EPC	Site

Section 8 – Staff Verification – EPC & SPV Team

4/4

Team	No of Employees
Site	8
Head Office	2
Total	10

■ Site
■ Head Office



No.	Mode	Employee Name	Designation	Location	Team
1	SPV Payroll	Awadh Ram Mishra	SPV Site In-charge	SPV	Site
2	SPV Payroll	M. S. Agarwal	SPV In-charge	SPV	Head Office
3	SPV Payroll	Prabhat Kumar Hazra	Supervisor (Structures)	SPV	Site
4	SPV Payroll	Sajal Biswas	Medical Attendant (Ambulance)	SPV	Site
5	SPV Payroll	Sudip Kumar Roy	Document Controller	SPV	Site
6	SPV Payroll	Dileep Chowdhary	Accountant	SPV	Site
7	SPV Payroll	Ravikumar Vallala	Accountant	SPV	Head Office
8	SPV Payroll	Bapi Biswas	Driver (Ambulance)	SPV	Site
9	SPV Payroll	Monirul Islam	Driver (RPO Van)	SPV	Site
10	SPV Payroll	Chandan Tiwari	Operator (Crane)	SPV	Site

Section - 9 Project Photographs

1/1

30-Nov-21



Km 180+930 to 180+950 LHS - DBM Relaying

30-Nov-21



Km 180 LHS - DBM repairs in progress

19-Nov-21



Km 180+365 median drain WIP

19-Nov-21

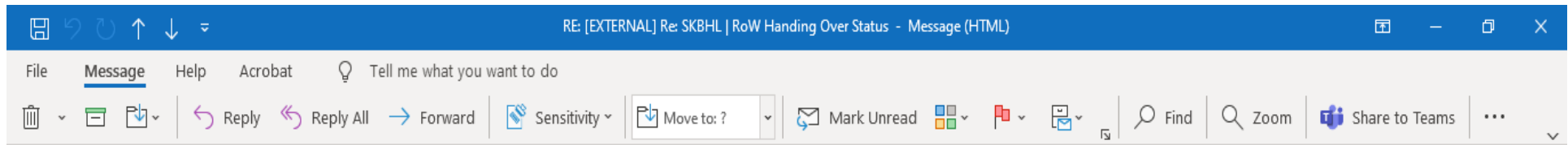


Km 141 toll plaza PQC area A2 side surface cleaning



Annexures

Annexure 1 - Status of Land Handed Over



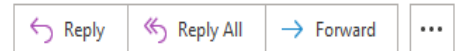
RE: [EXTERNAL] Re: SKBHL | RoW Handing Over Status



Mandalaparthi, Phani Prasad

To kmv.narayanababu@sewinfra.com

Cc Kumar, Navneet



Thu 02-Dec-21 05:40 PM

Dear Mr. Narayana garu

We discussed and reconciled the chainages as follows:

No.	District	Location	Chainage From (km)	Chainage To (km)	Length (km)	Side	Remarks
1	Nadia	Soli (Toll Plaza Approaches)	141+170	141+960	0.79	B/S	NHAI has proposed to descoped but final approval is pending as Negative CoS proposal from SKBHL is still awaited. Four Laning in Plassey is completed for 8.1 m width but not considered in PCOD
2	Nadia	Bhaga	146+860	147+390	0.53	B/S	
3	Nadia	Debogram	148+523	150+810	2.29	B/S	
4	Plassey	Plassey	161+295	161+650	0.36	B/S	
		Total Descoped Length			3.96		A
5	Murshidabad	Barua	178+740	179+410	0.67	B/S	DBM completed. Handed over in 2020 and later resumed in Sep-21
6	Murshidabad	Barua	179+860	181+030	1.17	B/S	
		Handed Over After PCOD			1.84		B
7	Murshidabad	Sadukhali-Chetiani	172+600	174+500	1.90	B/S	Decision expected by 15 th Dec for taking up in 30 m RoW (Govt land)
8	Murshidabad	Surulia	177+050	178+364	1.31	B/S	Graveyard on LHS. Discussion in progress with DM for alternate land
9	Murshidabad	Surulia	178+364	178+740	0.37	B/S	Handing over expected by 2 nd week of Dec-21
10	Murshidabad	Barua	179+410	179+860	0.45	B/S	Handing over expected by 2 nd week of Dec-21
11	Murshidabad	Bhapta (ROB-2 Approaches)	185+020	186+518	1.50	B/S	DM keen to permit work and provide police protection also
		Pending Hand Over Till Nov-21			5.53		C
		Total non-PCOD Length			11.33		A + B + C
		Remaining non-PCOD Length After Descoping			7.37		A + B

Annexure 2 - Site Observations & Suggestions

1/3

No.	Description	Location	Target Date	Responsibility
A Approvals & Permits				
1	Consent to Establish (CTE) and Consent to Operate (CTO) for Hot Mix Plant, WMM Plant & Concrete Batching Plant to be obtained	183 Camp	31-Dec-21	Mr. Mallikarjun Rao
2	Environmental testing agency to be hired for conducting ambient air and stack emission tests for all Plants, major machinery and DG sets	183 Camp	31-Dec-21	Mr. Visveswara Rao
3	Lapsed insurances, fitness certificates, motor vehicle tax payments of all vehicles to be applied and obtained	183 Camp	31-Dec-21	Mr. Mallikarjun Rao
B 183 Camp Related				
4	Printers for HMP, Concrete Batching Plant and Weigh Bridge to be kept in working condition at all times	183 Camp	06-Dec-21	Mr. Mallikarjun Rao
5	Perform calibrations for all lab equipment related to all pavement and RCC related materials	183 Camp	15-Dec-21	Mr. Visveswara Rao
6	Milling/damaged DBM/BC material to be removed from shoulders and embankment slopes and stocked in 183 Camp	Entire Stretch	10-Dec-21	Mr. Ramesh
C Patchworks/ Pavement Repairs				
7	Milling/damaged DBM/BC material stocked in 183 Camp to be considered for GSB main layer in crust for upcoming stretches	New Stretches	15-Dec-21	Mr. Visveswara Rao/ Mr. Ramesh
8	Joint cutting machine to be made operational and used for all joint cutting in all patchworks to obtain vertical faces	All Patchworks	06-Dec-21	Mr. Mallikarjun Rao
19	Initiating separation of responsibilities between the EPC Team and SPV's O&M Team is necessary to account for costs and clarify roles	Entire Team	20-Dec-21	Mr. Narayana Babu

Annexure 2 - Site Observations & Suggestions

2/3

No.	Description	Location	Target Date	Responsibility
C Patchworks/ Pavement Repairs				
10	Two mini rollers to be made operational for compaction of all small size patchworks instead of tandem rollers or soil compactors	All Patchworks	03-Dec-21	Mr. Mallikarjun Rao
11	Hand rammer/ dhurmut to be procured and used for edge compaction during patchworks/repairs where roller drums are not able to reach	All Patchworks	06-Dec-21	Mr. Ramesh
12	Jackhammers/ pavement breakers to be procured and considered for pothole/patchwork surface removal instead of hydraulic excavators	All Patchworks	06-Dec-21	Mr. Ramesh
13	Paver to be repaired and made operational. To be used for wide patches to the extent possible instead of motor graders for bituminous laying	Large Patchworks	10-Dec-21	Mr. Mallikarjun Rao
D Toll Plaza/ O&M Related				
14	Signboards, blinkers, road studs, and chevron boards which were delivered two weeks back on instructions of Dy. SP should be installed.	Accident Prone Areas	12-Dec-21	Mr. Ramesh
15	Anti-crash barriers to be installed to prevent vehicle falls on lane approaches on Behrampore side	Toll Plaza RHS	15-Dec-21	Mr. Avdhesh Mishra/ Mr. Suraj
16	Extra bags of GP-2/high strength cement which were ordered for rectification of km 162 MnB RHS slab shall be used for repairs or recasting of concrete items	All Patchworks	As required	Mr. Suraj

Annexure 2 - Site Observations & Suggestions

3/3

No.	Description	Location	Target Date	Responsibility
D Toll Plaza/ O&M Related				
17	Median plantation trimming required to be carried out as per IRC SP 21-2009 'Guidelines on Landscaping and Tree Plantation'	Entire Stretch	10-Dec-21	Mr. Avdhesh Mishra/ Mr. Suraj
18	True copy of all vehicle papers to be maintained with each vehicle – Insurance policy, RC, fitness certificate, road tax receipt and operator's DL	All O&M and EPC Vehicles	20-Dec-21	Mr. Mallikarjun Rao/ Mr. Avdhesh Mishra
19	Initiating separation of responsibilities between the EPC Team and SPV's O&M Team is necessary to account for costs and clarify roles	Entire Team	20-Dec-21	Mr. Narayana Babu



Thank You

The information contained herein is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavor to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

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DOCUMENT AUDIT TRAIL			
#	Event	Event Owner	Date
1	Circulation of draft Monthly Review report	KPMG	10-Dec-21
2	Discussion of Monthly Review report	KPMG & SBI	
3	Circulation of Monthly Review report	KPMG	