

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, हिलसा (नालन्दा)।

Email:- ee.hilsa.rwd@gmail.com

पत्र संख्या 650

हिलसा/दिनांक 04/05/2021

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, हिलसा।

सेवा में,

नोडल पदाधिकारी,
MR 3054,
ग्रामीण कार्य विभाग, बिहार, पटना।

विषय:- नई अनुरक्षण निति 2018 शीर्ष के अंतर्गत वित्तीय वर्ष 2020-21 में व्यय हेतु आवंटन की मांग।

महाशय,

उपर्युक्त विषयक नई अनुरक्षण निति 2018 शीर्ष के अंतर्गत वित्तीय वर्ष 2020-21 में व्यय हेतु संलग्न विवरणी के अनुसार रू0 399.72446 (रू0 तीभ करोड़ नीनानवें लाख बहत्तर हजार चार सौ छियालीस मात्र) रुपये का आवंटन उपलब्ध कराने की कृपा की जा ताकि किये गये कार्यो का भुगतान किया जा सके।

अनु:- यथोक्त।

विश्वासभाजन


6/5/21
4.5.2021

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, हिलसा।

Requisition Formate for Scheme Head - MR(3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)
Name of Works Division :- Hilsa

SI No.	Package No.	Name of Road	Project ID as per MIS	Administ rative Approval (AA) Letter No & Date	Administrative Approval (AA)		Agreement Amount (in Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Alloted Amount (in Lakh)	up-to-date expenditu re as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (in km)	Amount of (in Lakh)	Initial Rectification with Surface Renewal (in Lakh)	5 Years Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	RM/NA/HIL/ 19/0004	Ekamagar-Bihar Rd. to Durgam	10200802025	1826/24. 06.2019	3.770	114.27800	141.60149	34.56406	31/MBD/20 19-20	07.07.2020	30.04.2021	3177	25.00	5.00	0.00	0.00	141.60149	Complete
2	RM/NA/HIL/ 19/0004	Ekamagar-Bihar Rd. to Rasisa	10200802029	1826/24. 06.2019	3.210	60.98600	78.07956	28.27604	31/MBD/20 19-20	07.07.2020	02.04.2021	3560	25.00	5.00	0.00	0.00	78.07956	Complete
3	RM/NA/HIL/ 19/0001	Islampur silao road to bele via jatpur	1281010294	539/ 08.02.19	5.303	200.57100	180.04341	46.08200	20/MBD/20 19-20	02.12.2020	14.04.2021	3482	25.00	5.00	0.00	0.00	180.04341	Complete
TOTAL																	399.72446	

- Signed Hard Copy and Soft Copy (in Excel) of recorded IRI is enclosed.
- Up-to-date Physical Progress has been uploaded in MIS.


 Executive Engineer
 RWD, Works Division,
 Hilsa

CONT. NAME:-M/S MAGADH ENGINEERING WORKS
ROAD NAME:-ISLAMPUR-SILAW ROAD TO BELE VIA JAITIPUR

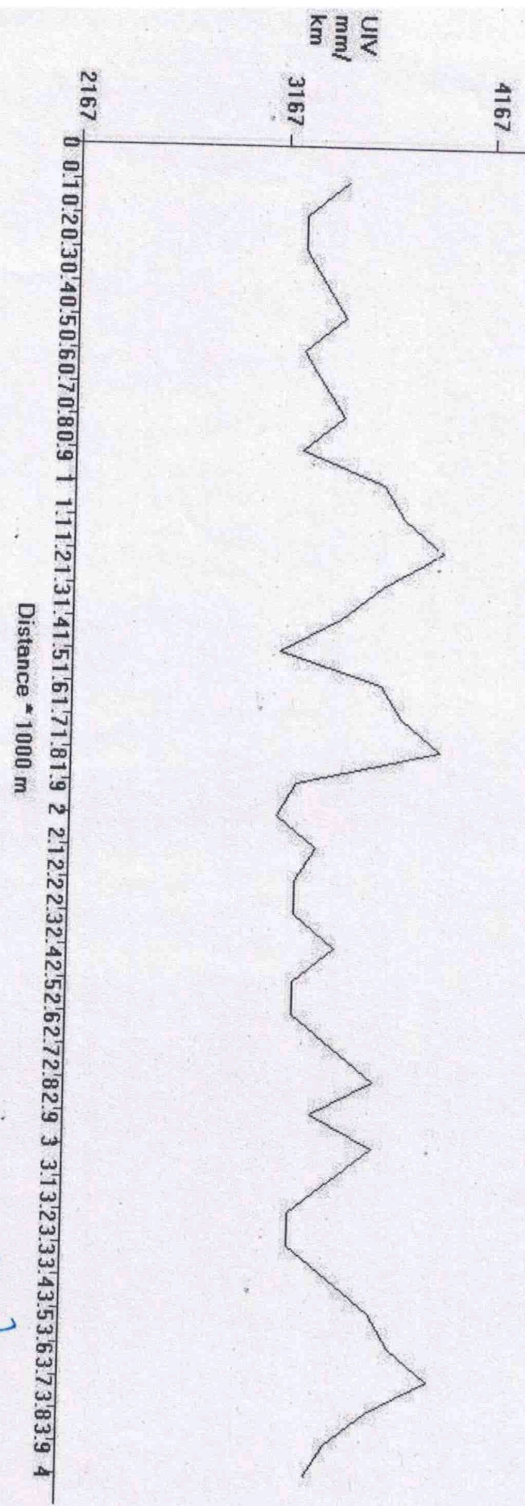
Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI ROAD	CATEGORY	Latitude	Longitude	Event
14/4/21	18:20:0	15	0.1	300	0	3000	3462 G		25.169815	85.305453	Normal
14/4/21	18:20:22	15	0.1	280	10.1	2800	3265 G		25.170302	85.304612	Normal
14/4/21	18:21:0	15	0.1	280	10.1	2800	3265 G		25.170493	85.303635	Normal
14/4/21	18:21:32	15	0.1	290	10.1	2900	3364 G		25.170648	85.302608	Curve
14/4/21	18:21:32	15	0.1	300	0	3000	3462 G		25.170405	85.30172	Normal
14/4/21	18:22:7	15	0.1	280	10.1	2800	3265 G		25.170245	85.300807	Normal
14/4/21	18:22:43	15	0.1	290	10.1	2900	3364 G		25.169937	85.299848	Normal
14/4/21	18:23:18	15	0.1	300	0	3000	3462 G		25.16971	85.298872	Normal
14/4/21	18:23:53	15	0.1	280	10.1	2800	3265 G		25.169507	85.297995	Normal
14/4/21	18:24:0	15	0.1	320	10.1	3200	3659 G		25.169292	85.296935	Normal
14/4/21	18:25:4	15	0.1	330	10.1	3300	3757 G		25.168838	85.296212	Normal
14/4/21	18:26:0	15	0.1	350	10.1	3500	3954 G		25.168403	85.295572	Normal
14/4/21	18:26:14	15	0.1	320	10.1	3200	3659 G		25.16747	85.295487	Normal
14/4/21	18:26:14	15	0.1	300	10.1	3000	3462 G		25.167062	85.294645	Normal
14/4/21	18:27:0	15	0.1	270	10.1	2700	3167 G		25.166247	85.294192	Normal
14/4/21	18:27:25	15	0.1	320	10.1	3200	3659 G		25.165918	85.29335	Normal
14/4/21	18:28:0	15	0.1	330	10.1	3300	3757 G		25.16558	85.29244	Normal
14/4/21	18:28:35	15	0.1	350	10.1	3500	3954 G		25.165092	85.291632	Normal
14/4/21	18:29:0	15	0.1	280	10.1	2800	3265 G		25.165015	85.290655	Normal
14/4/21	18:29:11	15	0.1	270	10.1	2700	3167 G		25.16487	85.289662	Normal
14/4/21	18:29:11	15	0.1	290	10.1	2900	3364 G		25.164165	85.289225	Normal
14/4/21	18:30:0	15	0.1	280	10.1	2800	3265 G		25.16323	85.289073	Normal
14/4/21	18:30:21	15	0.1	280	10.1	2800	3265 G		25.162325	85.288972	Normal
14/4/21	18:31:0	15	0.1	300	10.1	3000	3462 G		25.161415	85.28877	Normal
14/4/21	18:31:0	15	0.1	280	10.1	2800	3265 G		25.160508	85.288552	Normal
14/4/21	18:31:32	15	0.1	280	10.1	2800	3265 G		25.15958	85.28848	Normal
14/4/21	18:32:7	15	0.1	300	10.1	3000	3462 G		25.158697	85.288198	Normal
14/4/21	18:32:42	15	0.1	320	10.1	3200	3659 G		25.157848	85.287793	Normal

6/11/21
A.S.2021

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
14/4/21	18:33:18	15	0.1	290	10.1	2900	3364 G		25.15709		Speed Breaker
14/4/21	18:41:0	15	0.1	320	10.1	3200	3659 G		25.156278	85.287172	Normal
14/4/21	18:47:24	15	0.1	300	0	3000	3462 G		25.155503	85.286665	Normal
14/4/21	18:50:0	15	0.1	280	10.1	2800	3265 G		25.154862	85.28542	Normal
14/4/21	18:51:0	15	0.1	280	10.1	2800	3265 G		25.154262	85.28473	Normal
14/4/21	18:52:0	15	0.1	300	10.1	3000	3462 G		25.153673	85.283938	Normal
14/4/21	18:52:7	15	0.1	320	10.1	3200	3659 G		25.153155	85.28313	Normal
14/4/21	18:53:0	15	0.1	330	10.1	3300	3757 G		25.152832	85.282172	Normal
14/4/21	18:53:53	15	0.1	350	10.1	3500	3954 G		25.152722	85.281212	Normal
14/4/21	18:54:28	15	0.1	320	10.1	3200	3659 G		25.152127	85.280605	Normal
14/4/21	18:55:3	15	0.1	300	10.1	3000	3462 G		25.151458	85.279998	Normal
14/4/21	18:55:3	15	0.1	290	10.1	2900	3364 G		25.151142	85.279073	Normal
14/4/21	19:1:33	16	0.1	300	0	3000	3462 G		25.150877	85.260673	Normal
14/4/21	19:1:33	16	0.1	290	10.1	2900	3364 G		25.150877	85.260673	Normal
14/4/21	19:2:7	16	0.1	280	10.1	2800	3265 G		25.150762	85.259662	Normal
14/4/21	19:3:0	16	0.1	320	10.1	3200	3659 G		25.15072	85.25867	Normal
14/4/21	19:3:17	16	0.1	330	10.1	3300	3757 G		25.151	85.25771	Normal
14/4/21	19:4:0	16	0.1	350	10.1	3500	3954 G		25.151298	85.25677	Normal
14/4/21	19:4:28	16	0.1	320	10.1	3200	3659 G		25.151503	85.255757	Normal
14/4/21	19:5:3	16	0.1	300	10.1	3000	3462 G		25.151828	85.25483	Normal
14/4/21	19:5:39	16	0.1	290	10.1	2900	3364 G		25.152287	85.254107	Normal
14/4/21	19:6:14	16	0.1	300	0	3000	3462 G		25.153008	85.254123	Normal
14/4/21	19:6:14	16	0.1	300	0	3000	3462 G		25.153008	85.254123	Normal
14/4/21	19:6:14	16	0.003	280	10.1	2800	3265 G		25.153018	85.25409	Normal
AVERAGE							3482				

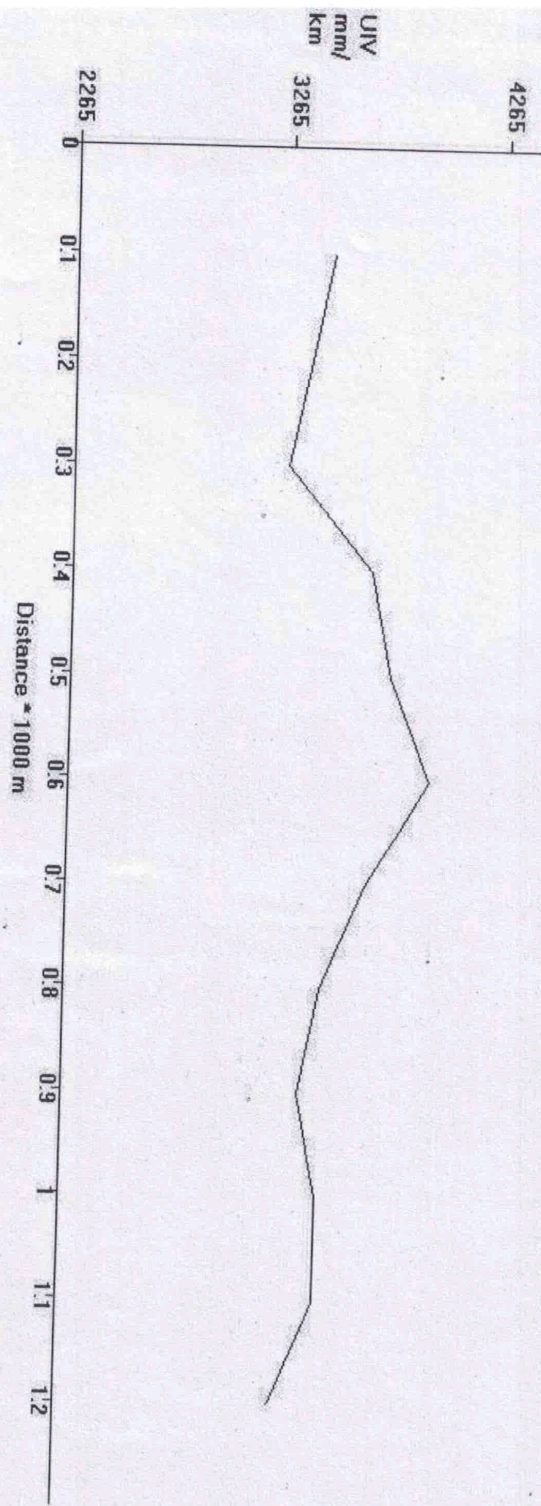
6 July 2021
14:5:2021

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6/11/21
A.S. 2021

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Name of Customer :M/S MAGADH ENGINEERING WORKS, Name of Work/ Road : ISLAMPUR-SILAW ROAD TO



6 mil
4.5.2021

(Ministry of Rural Work Department, Govt. of Bihar)

NEW MAINTENANCE POLICY 2018

Bill of Quantities(Revised)

Road Name :-	Islampur Silao Road to Bele Via Jaitipur				
Length of Road	5303M	BLOCK :-	Islampur		
		DISTRICT :-	Nalanda		
S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 301.1 and 301.4	3.182	Cum	49739.470	158261.05
2	Scarifying Existing Bituminous Surface to a Depth of 150 mm and disposal disposal of scarified materials with a lift upto 3m and lead upto 1000m as per technical specification clause 301.4	3157.010	Sqm	15.980	50449.02
3	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the site spreading , grading to required slope and compacting to meet requirement of Tables 300.1 and-300.2 with a lead upto 1000 m & 100 m as per Technical Specification Clause 301.5 . (Including Royalty & Labour Cess).	<p>Approved as Corrected</p> <p><i>A. K. Mishra</i></p> <p>26/12/2020</p> <p>SE, RWD (W) Circle</p> <p>Nalanda</p> <p>26/12/2020</p>			
4	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	1116.744	Cum	230.690	257621.67
5	Granular Sub-base with Well Graded Material-Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	1155.642	Cum	2203.190	2546098.65
6	WBM Grading2 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to	381.540	Cum	2822.010	1076709.70
7	WBM Grading 3 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to	712.243	Cum	2681.730	1910042.08

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
8	Prime Coat Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502	6351.168	Sqm	54.700	347408.87
9	Tack Coat-Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with primer and cleaned with hydriloc broom as per technical specification clause 503.	23575.150	Sqm	18.540	437083.28
10	Mix Seal Surfacing-Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	6351.170	Sqm	170.840	1085033.88
11	Semi-Dense Bituminous Concrete -Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the	430.599	Cum	11751.940	5060378.02
12	Cement Concrete Pavement-Construction of un-reinforced, jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel laying and fixing of 125	489.600	Cum	6707.750	3284114.40
13	Boundary Pillar-Reinforced cement concrete M15 grade boundary pillar/local stone of standard design as per IRC:25 fixed in position including finishing and lettering but excluding painting as per drawing and technical specification.	44.000	Cum	510.010	22440.44
14	Kilometre stone Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703.				
15	ii) Km stone	8.000	Each	2175.840	17406.72
16	iii) 200 m stone	28.000	Each	638.010	17864.28

Approved as Corrected

26/12/20
SE, RWD (W) Circle
Malanda

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
17	Traffic sign A. Retro Reflectorised Traffic signs- Providing and fixing of retro-reflectorised cautionary, mandatory and inforamatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly				
18	600 mm equilateral & triangle,	11.000	Each	3542.940	38972.34
19	600 mm circular ,	12.000	Each	4499.720	53996.64
20	800 mm x 600 mm rectangular,	14.000	Each	6094.330	85320.62
21	600 mm x 450 mm rectangular,	14.000	Each	4419.980	61879.72
22	Planting of Trees and their Maintenance for one Year- Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard / sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	177.000	Each	813.710	144026.67
23	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	900.600	Sqm	850.930	766347.56
24	PCC Portion	160.000	Sqm	914.515	146322.34
25	Providing and Fixing 'Logo' of Project - Providing and fixing of typical PMGSY inforamatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and	2.000	Each	9924.610	19849.22
26	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	46.986	Cum	276.185	12976.80
27	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	6.162	Cum	4853.300	29906.03
28	Plain/ reinforcement cement concrete in Substructure complete as per drawings and technical specification clause 802,804,805,806,807,1202, and 1204	45.495	Cum	5908.900	268825.41
29	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works,backfilling concrete and masonry works in head walls and parapets as per clause 1106	22.500	m	2037.070	45834.08

Approved as Corrected

SE, RWD (W) Circle
Nalanda
26/12/2020

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
30	Painting Two Coats on New/Concrete Surface- Painting Two Coats including primer coat after filling the surface with synthetic enamel paint	117.591	Sqm	103.970	12225.94
31	Plastering with cement mortar(1:4) on brick work in sub structure as per technical specifications	2.880	Sqm	7514.290	21641.16
32	Providing PCC M-20 architectural coping on the top of wing wall, return wall etc complete as per drawing and technical specification clause 615, 710 and 1204.3.11	12.000	m	398.070	4776.84
33	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	20.160	Sqm	178.910	3606.83
34	Painting Two Coats on New/Concrete Surface- Painting Two Coats including primer coat after filling the surface with synthetic enamel paint	58.560	Sqm	58.560	3429.27
35	Brick masonry work in cement mortar 1:3 in parrapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	0.211	Cum	7514.290	1585.52
36	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	57.815	Cum	178.910	10343.68
37	Painting parapet wallPainting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	57.815	Cum	107.900	6238.24
38	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I	15.040	Cum	48.360	727.33
39	Total (A)				18009744.28
40	GST@12%				0.00
41	Labour Cess @ 1%				0.00
42	Sub Total(A)				18009744.28
43	Total Cost of Maintenance	20.000	Quarterly	2,30,479.15	4609583.00
44	Total (B)				4609583.00
45	GST@12%				0.00
46	Labour Cess @ 1%				0.00
47	Sub Total(B)				4609583.00
48	Grand Total (A+B)				22619327.28
Total BOQ Cost					22619327.00