

Bengaluru Water Supply and Sewerage Project (Phase 3)

COST ABSTRACT

Name of the Work		: Bengaluru Water Supply and Sewerage Project (Phase 3) CP-09, City Trunk main along Eastern Route Under JICA Loan ID - P266										
Package No:		:09										
Contractor:		: M/s. Larsen & Toubro Limited										
LOA No & Date		: BWSSB/CE(K)/ACE(K-2)/TA-11/AE-2/2280/2019-20, Dt: 12.12.2019.										
Date of Commencement:		:21.01.2020										
Stipulated date of Competion:		:22.07.2022										
Date of Measurment:		:-										
R.A Bill No:		: 03										
Works		: As Under										
Item No	Description	Unit	BOQ			Previous Measurement		Present Measurement			Cumulative Measurement	
			Quantity	Rate Local (INR)	Amount Local (INR)	Qty	Amount in Rs.	Quantity	Rate Local (INR)	Amount Local (INR)	Quantity	Amount Local (INR)
	BILL OF QUANTITIES - II : CONCRETE AND ALLIED WORKS											
2.4	Providing TMT steel reinforcement of Fe500 grade for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design including cost of materials, labour, HOM of machinery,etc., complete as per specifications.	MT	2950	66984	197602800							
	50% of TR for Supply			33492.00		38.368	1285021.06	11.780	33492	394535.76	50.148	1679556.82
	BILL OF QUANTITIES - III : PIPELINES, SPECIALS AND APPURTENANCES											
3.1	Providing, Fabricating, shop welding, transporting, handling,aligning, laying and jointing / welding of MS pipes of spirally welded/Plate welded pipes, conforming to IS 10748 Grade 3 forspirally welded/IS 2062 Grade B for Plate welded. The rate also include loading and unloading, testing of of joints and hydraulic testing of pipeline to specified pressure as per specifications and other necessary equipment, labour, operation charges etc., required for testing. Rate shall also include cost of retesting if necessary, complete in all respects as per specifications and drawings.											
(a)	801 mm internal diameter with 6 mm shell thickness	RM	4213	10954	46149202				10954			
	50% of TR for Supply			5477		464.350	2543244.95	2060.730	5477	11286618.21	2525.080	13829863.16
(b)	1001 mm internal diameter with 7 mm shell thickness	RM	4404	15874	69909096				15874			
	50% of TR for Supply			7937		1510.130	11985901.81	1816.520	7937	14417719.24	3326.650	26403621.05
(c)	1301 mm internal diameter with 9 mm shell thickness	RM	14588	26345	384320860				26345			
	50% of TR for Supply			13172.50		3826.310	50402068.48	6587.640	13172.50	86775687.90	10413.950	137177756.38
(d)	1601 mm internal diameter with 11 mm shell thickness	RM	21138	39458	834063204				39458			
	50% of TR for Supply			19729.00		2977.415	58741420.54	2641.268	19729	52109576.37	5618.683	110850996.91
(e)	2201 mm internal diameter with 14 mm shell thickness	RM	9093	68732	624980076				68732			
	50% of TR for Supply			34366.00		2559.992	87976685.07	1037.080	34366	35640291.28	3597.072	123616976.35
3.3	Providing guniting (CM 1:3 over 50 x 50 mm weld mesh of 3 mm thick) on the external surface of pipes and specials including supplying and fixing reinforcement as per specifications after cleaning the pipes including curing etc., at fabrication yard and guniting the field joints at site between two pipes after testing complete in all respects as per specifications.											
(a)	813 mm OD pipes and specials, 25 mm thick guniting	Sqm	10762	546	5876052							
(b)	1015 mm OD pipes and specials, 25 mm thick guniting	Sqm	14045	546	7668570							
(c)	1319 mm OD pipes and specials, 25 mm thick guniting	Sqm	60457	546	33009522			1426.410	546	778819.86	1426.410	778819.86
(d)	1623 mm OD pipes and specials, 25 mm thick guniting	Sqm	107793	546	58854978	3067.340	1674767.64	2591.880	546	1415166.48	5659.220	3089934.12
(e)	2229 mm OD pipes and specials, 25 mm thick guniting	Sqm	63683	546	34770918	1614.930	881751.78	4825.370	546	2634652.02	6440.300	3516403.80

Item No	Description	Unit	BOQ			Previous Measurement		Present Measurement			Cumulative Measurement	
			Quantity	Rate Local (INR)	Amount Local (INR)	Qty	Amount in Rs.	Quantity	Rate Local (INR)	Amount Local (INR)	Quantity	Amount Local (INR)
3.4	Providing food grade internal epoxy lining of 0.5 mm thick as per specifications to the internal surfaces of mild steel pipeline, fittings, specials etc., including surface preparation, machine lining, curing and testing / inspection etc., complete.											
(a)	801 mm ID pipes & specials to 800 mm finished diameter, 0.5mm thick internal epoxy lining	Sqm	10603	450	4771350							
(b)	1001 mm ID pipes & specials to 1000 mm finished diameter, 0.5 mm thick internal epoxy lining	Sqm	13851	450	6232950			1010.750	450	454837.50	1010.750	454837.50
(c)	1301 mm ID pipes & specials to 1300mm finished diameter, 0.5 mm thick internal epoxy lining	Sqm	59632	450	26834400	3545.820	1595619.00	1507.000	450	678150.00	5052.820	2273769.00
(d)	1601 mm ID pipes & specials to 1600 mm finished diameter, 0.5 mm thick internal epoxy lining	Sqm	106331	450	47848950	5220.640	2349288.00	6069.040	450	2731068.00	11289.680	5080356.00
(e)	2201 mm ID pipes & specials to 2200 mm finished diameter, 0.5 mm thick internal epoxy lining	Sqm	62883	450	28297350	8144.400	3664980.00	3672.250	450	1652512.50	11816.650	5317492.50
2.4	TOTAL AMOUNT				4219338792		223100748.32			210969635.12		434070383.44

Certificates:

1. Certified that the work has been done satisfactorily
2. Certified that the billing quantities claimed in this bill is in order and correct
3. Certified that the invoices for the materials are verified with the original and received in good condition

Bill Amount before GST **188365745**

CGST @ .6. % **11301945.00**

SGST @ .6.... % **11301945.00**

Total Bill Amount **210969635.12**

Cashier **EE (K-1)**



Contractor
L&T Construction

ONTB
Sagadeesan S.M.

A.E.
AE

AEE
AEE(K-1)-1

Accounts Superintendent
ACCOUNT SUPERINTENDENT

K.C. Iyer
Executive Engineer
(K-1) Division, BWSSB
Kapila Bhavan, Ground Floor
11th Main, 36th Cross, 4th 'T' Block
& Jayanagar, Bangalore - 560041

SBR NO: 27
Date: 06-03-2021

Original / Duplicate / Triplicate
CONTRACT CERTIFICATE
(FOR OTHER WORKS)

Running Bill No : 03

Division: EE(K-1)	Sub-Division : AEE (K-1)-	Head of Account: Stage-V-WWPL
Name of the Work : Bengaluru Water Supply and Sewerage Project (Phase 3) CP-09, City Trunk main along Eastern Route Under JICA Loan ID - P266		
Name of Contractor and full address: M/s Larsen & Toubro Limited, PB No.979, Mount poonamallee Road, Manapakkam, Chennai-600 089 GSTIN No: 29AAACL0140P3ZD PAN NO: AAACL0140P		
Reference to Agreement No:- BWSSP-III/CP-09/01/2019-20 DT: 03-01-2020		

Certified that the measurement were taken by me on 06/03/2021 and recorded on page No. 1-21 of e-MB No. 20 and that the work is satisfactorily executed.



Contractor

Signature, Officer in-charge of the work

Certified that the measurement were taken by me on 06/03/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account if have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an impreishable nature and are required by the contractor for immediate use on the work in connection with items for which rates for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

Signature of Sub Division Officer
AEE(K-1)-1

Memorandum of payment

	Up to Date Bill Amount	434070384 = 00
	Previous Bill Amount	223100749 = 00
	Present Bill Amount	210969635 = 00
3 rd RA Bill	Caution Deposit	6710414 = 00
	CGST TDS @ 1 %	1883657 = 00
	SGST TDS @ 1 %	1883657 = 00
	IT TDS @ 2% 1.5%	3164545 = 00
	KCWF @ 1%	2109696 = 00
	Royalty	31837 = 00
	Retention @ 5%	10548482 = 00
	Total amount adjusted	26332288 = 00
Net amount Payable		184637347 = 00

(for office use)

SBR No. 51	Date : 06/03/2021
Head of Accounts.	Stage-V-WWPL
Passed for Rs	210969635 = 00
By Adjustment Rs	26332288 = 00
By Cheque Rs.	184637347 = 00
(In words) Eighteen Crore Fourty Six lakhs Thirty Seven Thousand Three hundred & Forty Seven only.	
CW	EEK-1

By cash and by adjustment



Contractor Signature