

W 997283

AGREEMENT NO....302..../KIIDC/2021-22 DATED.II. 01. 2022

CONTRACT AGREEMENT entered into on this 11. day of Lanuary. Two Thousand Twenty Two between M/S TBAS CONSTRUCTIONS, KIZHAKKEDATH BUILDING, NO. VI/617D, EDATHALA P.O, KL'NJATTUKARA, ALUVA, ERNAKULAM-683 561 (hereinafter called the Contractor) on the one part and the Chief Engineer, M/s Kerala Irrigation Infrastructure Development Corporation Ltd., PARVATHY, TC 36/1,NH66 Service Road, Enjakkal Jn., Chakai P.O., Thiruvananthapuram – 695 024. for and cn behalf of the Company (hereinafter called the Company) on the other part for the work "Renovation of Punnamada Parking Area and Premises at Alappuzna District" by the former as per accompanying agreement, accepted tender with conditions of contract, plans, accepted schedule with specifications

For Tales Constitute Travelle

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Chief Engineer
Kerala Irrigation Infrastructure
Developm of Corporation Ltd.
Thiruvalianchapulam - 695024

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approved by Chief Engineer, M/s Kerala Irrigation Infrastructure Development Corporation Ltd., PARVATHY, T.C. 84/3 (Old 36/1), NH66 Service Road, Enjakkal Jn., Chakai P.O., Thiruvananthapuram – 695 024., which form part of this agreement.

FOR TRAS CONSTRUCTION

Receased.

Chief Engineer

Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

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Signed and delivered by the above mentioned M/S. TBAS CONSTRUCTIONS, KIZHAKKEDATH BUILDING, NO. VI/617D, EDATHALA P.O, KUNJATTUKARA, ALUVA, ERNAKULAM-683 561. For TBAS CONSTRUCTION

Alleanet.

ChiefEngineer Kerala Irrigation Infrastructure

Daniel ment Corporation Ltd.

In the presence of:-

KIIDC

Contractor



351194

Signed and delivered by Chief Engineer, Kerala Irrigation Infrastructure Development Corporation Limited, PARVATHY, T.C. 84/3 (Old 36/1), NH66 Service Road, Enjakkal Jn., Chakai P. O., Thiruvananthapuram - 695024, for and on behalf of the Company.

Revarect

Chief Engineer, Kerala Irrigation Infrastructure **Development Corporation Limited**

(for and on behalf of the Company)

In the presence of:-

1. Kumar. S. Kumaris

2. Deepas.

Wo. 8031/3/12.2021 Casson July 10-17.13 കാഞ്ഞിരംകുളം വെണ്ട



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MEMORANDOM OF WORK TENDERED

Name of work	"Renovation of Punnamada Parking Area and Premises at Alappuzha District"
Estimate P.A.C	Rs. 79,86,775/-
Contract P.A.C	Rs. 87,81,166.60/-
Date of starting	The work should be started within 10 days after executing agreement
Date of completion	12 months from the date of handing over the site
Performance Guarantee	Treasury FD for an amount of Rs. 2,63,500/- JL 1339129 dated 06.01.2022 for 74 months.

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Chief Engineer
Kerala Irrigation Infrastructure
Development Corporation Ltd.

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CZ 562739

Receance

Chief Engineer Kerala Irrigation Infrastructure Development Corporation Ltd. Thiruvananthapuram - 695024



CZ 562738

For TRAS CONSTRUCTION

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Chief Engineer Kevala Irrigation Infrastructure Development Corporation Ltd. Thiruvananthapuram - 695024

KN. 9030 /31.12.2029 Cooper /3 LWZ LO. 17.13 Cooper mos m. 208 rosope . Lo. താഞ്ച് രംകുളം വെണ്ട

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CZ 562737

Recarect

Kerala Vrigation Infrastructure Development Corporation Ltd. Thiruvananthapuram - 695024

No. 8036 (31.12.202) Compositions 1.B

Print

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Item Rate BoQ

Tender Inviting Authority: KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

Work Name : Renovation of Punnamada Parking Area and Premises at Alappuzha District

Contract No: KIIDC/Retender/388-1/2021-22

Bidder

T.B. Abdul Salam, M/s TBAS Construction

Name:

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender.

(This bo		NUMBER #	TEXT#	NUMBER	NUMBER #	NUMBER #	TEXT # TOTAL AMOUNT
JMBER	TEXT #	Quantity	Units	Estimated Rate	DAGIO IUII -		In Words
SI. Item Descript	Item Description				Figures To be entered by the Bidder Rs. P		55
		4	5	6	13	53	
1	2	4				0000 00	INR Nine Thousand Only
1.01	PARKING AREA 16.82: Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge. 16.83: Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within	4607.0000			80.000		INR Three Lakh Sixty Eight Thousand Five Hundred & Sixty Only
1.03	separately and stacking of service as the separately and stacking of service as 50 metre lead as per direction of Engineer-in-Charge. 4.1.4: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4)1 cament: 2 coarse sand: 4 graded stone aggregate 10 mm nominal size)	12.000	0 cum		8000.000		Chief Engrace W Kerala Irrigation Infrastructure

Development Corporation Ltd. Thiruvananthapuram - 695024

		28.8000 c	ım	5900.0000	100020.00	INR One Lakh Sixty Nine Thousand Nine Hundred & Twenty Only
f	7.1.1 : Random rubble masonry with hard stone in coundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:	28.8000 C				INR Twenty Three Lakh Three Thousand Five
1	coarse sand)			1000.0000	2303500.00	Hundred Only
1.05	51.2.3 : Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade	2303.5000	um			INR Thirty Lakh Forty Thousand Six Hundred 8
				3300.0000	3040626.60	Twenty Six and Paise Sixty Only
1.06	16.78.1: Construction of granular sub- base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.With Material conforming to Grade - I (size range 75 mm to 0.075 mm) having CBR Value- 30	921.4020	cum		738502.1	OUND Soven Lakh Thirty Eight Thousand Five
		3224.9000	per sam	229.0000	/30502.1	Hundred & Two and Paise Ten Only
1.07	od266554/2019_2020: "Using Departmental" material and laying 80 mm thick factory made Cement Concrete interlocking paver blocks of M30 grade made by block making machine with strong vibratory compaction, of approved size, design, shape laid in required colour and pattern over and including 50 mm thick compacted bed of 6 mm stone aggregate, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-Charge.			1100.0000	1520310	ON INR Fifteen Lakh Twenty Thousand Three
	diada 90 mm	1382.100	0 sqm	1100.0000	.0200.0	Hundred & Ten Only
1.08	od311089/2020_2021: Providing and laying 80 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & Description of approved size, description of approv				7	Chief Engineer Kerala Irrigation Infrastructure

Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

				2000.0000	90000.00 INR Ninety Thousand Only
	(Inc. in	45.0000 sqr	m	2000.0000	
01 1	1.41.2 : Providing and laying vitrified floor tiles in		1		
2.01	1.41.2 : Providing and laying water ifferent sizes (thickness to be specified by the	1 3			
la.	ifferent sizes (thickness to be specified by the figure of annufacturer) with water absorption less than 0.08% nanufacturer) with water absorption less than 0.08% nanufacturer) with water absorption less than 0.08%		ì.		
m	nanufacturer) with water about of approved make, in all				
a	nanufacturer) with water absorption less than all and conforming to IS: 15622, of approved make, in all				
					1
In	nortar 1:4(1 cement : 4 coarse sand), including				
18	grouting the joints with write certain and specific ground the joints with a property of the joints with the joint and the joint ground g	-			Only
14	Sigments etc., completes			30400.0000	60800.00 INR Sixty Thousand Eight Hundred Only
		2.0000 ea	ach	30400.000	
0.00	51.19.ST3 : Supplying and installing ready made PVC	2.00			1
2.02	51.19.ST3 : Supplying the cost of carriage, trenching, Septic tank including the cost of carriage, trenching,				
	Septic tank including the cost of carried states as placing at the level below ground level as specified as placing at the level below ground level as specified as				A .
	placing at the level below ground in charge (Provision for	1			
- 1	CC/RCC/Sand/06mm aggregate for the property				
- 1	had shall be paid separately		7.		
	3. 25 to below 35 flush capacity	1			Three Thousand Three Hundre
	3. 25 to below se man			11675.0000	23350.00 INR Twenty Three Thousand Three Hundre
- (2.0000 €	each	11675.0000	Fifty Only
	od311601/2020_2021 : Providing and fixing superior	2.0000			
		1			
	630x450mm with a pair of 15 mm waste pipe of standard taps with C.I. brackets, 32 mm waste pipe of standard taps with C.I. brackets, 32 mm waste pipe of standard taps with C.I. brackets, 32 mm waste pipe of standard taps with taps and brackets.	1			
		1			
	pattern, including painting of littings and street cutting and making good the walls wherever required ect. complete: JAQUAR ARS-WHT-39803 or				
					Thirty Nine Thousand Four Hundred 8
	ect. complete. or the			7299.0000	39414.60 INR Thirty Nine Thousand Four Hundred 8
	Equivalent	5.4000	cum		Fourteen and Paise Sixty Only
2.04	50.6.1.2 : Solid block masonry using pre cast solid	30000111			
2.04	50.6.1.2 : Solid block masority using pro- blocks (Factory made) of size 40x20x20cm or nearest blocks (Factory made) of size 40x20x20cm or nearest				
				图6 图4 图6 图 图6 图5 图6 图6 图6	
	available size confirming to 2 los 2 los participates 20cm super structure up to floor two level thickness 20cm super structure up to floor two level thickness 20cm				
	and above in: CM 1:6 (1 cement: 6 coarse sand) etc				86400.00 INR Eighty Six Thousand Four Hundred
	and above in: CM 1:6 (1 cement o coarse			8000.0000	86400.00 INR Eighty Six Thousand Four Trans
	loto	10.8000	cum	8000.0000	
0.05	- iding and laying in position cement	,0.0000			
2.05	t soified drade excillulling the coot of				
	centering and shuttering - All work day to plant level:1:2:4 (cement : 2 coarse sand : 4 graded stone level:1:2:4 (cement : 2 coarse sand : 4 graded stone				
	level:1.2:4 (cement: 2 coalse saild: 4 9.55				
	aggregate 20 mm nominal size)				
					6110.00 INR Six Thousand One Hundred & Ten
	DECULATOR	W. 1020-1.		13000.0000	6110.00
3	SMALL REGULATOR	0.470	0 cum		
3.01	5.2.2 : Reinforced cement concrete work in walls (any				
3.01					
					1
	piers, abutiments, posts and state shuttering, finishing				Clevanut.
	piers, abutments, posts and struts etc. up to level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse and : 3 graded stone aggregate 20 mm nominal size)				Ciner Engineer
	and reinforcement :1:1.5:3(1 cernent : 1.5 coarse				Kerala Irrigation Infrastructure
1					

Development Corporation Ltd. Thiruvananthapuram - 695024

				300.0000	101.40	NR One Hundred & One and Paise Forty Only
1	2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting ramming of bottoms.	0.3380 cun	n			
	out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All				4500 00	INR One Thousand Five Hundred & Thirty Only
	kinds of soil	1.8000 sq	lm .	850.0000	1530.00	NA OIL MESSA
	4.3.3 : Centering and shuttering including property and shuttering property and shuttering including property and shuttering propert			105.0000	5922.00	INR Five Thousand Nine Hundred & Twenty Tv
3.04	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	56.4000 ki	logram	105.0000		Only INR Two Thousand Four Hundred & Seventy
	Mechanically Treated bars of grade 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2.2500 1	0 cud m	1100.0000	2475.00	Five Only
3.05	60.8 : Shutter for check dams- Supplying and providing Thambagam wood shutter planks 5cm thick including cost of materials and labour charges etc					- One Hundred & Fifty
	complete			270.0000	12150.00	INR Twelve Thousand One Hundred & Fifty
4.01	od311283/2020_2021: Supplying and planting of approved Hedge Plants at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating	45.0000	each		v	Only Only INR Twelve Thousand One Hundred & Fifty
4.02	etc. (5)Tecoma capensis od311284/2020_2021 : Supplying and planting of specific as shown	45.0000	each	270.0000	12150.0	Only
4.02	od311284/2020_2021. Supplying this provided approved Hedge Plants at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (4)Ixora noragrant					

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Kerala Irrigation Infrastructure Development Corporation Ltd. Thiruvananthapuram - 695024

	· ·	45.0000	each	270.0000	12150.00 INR Twelve Thousand One Hundred & Fifty Only
	approved shrubs at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (13)Tabernaemontana green	45.0000	eacii		12150.00 INR Twelve Thousand One Hundred & Fifty
11		45.0000	leach	270.0000	Only
4.04	od311286/2020_2021: Supplying and planting of approved shrubs at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (9)Oleander tall			270.0000	12150.00 INR Twelve Thousand One Hundred & Fifty
	od311287/2020_2021 : Supplying and planting of	45.000	00 each		Only
4.05	approved shrubs at required spacing do only drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (7)Gardenia	25.00	000 each	3745.0000	93625.00 INR Ninety Three Thousand Six Hundred & Twenty Five Only
4.06	od311291/2020_2021: Supplying and planting of approved trees species of a height 2.0m to 2.5m, at the specified location as shown in the drawing.Rate shall include Cost of plants, soil work inclusive of red soil, sand and manure mix staking and planting of trees sapling, replacement of dead trees and for providing a pit size 75 x 75 x 75 cm and maintainance till the competion of project work.(1).Plumeria Alba				17400.00 INR Seventeen Thousand Four Hundred
	till the competion of project		000	174,0000	17400.00 INK Seventson
4.07	od311388/2020_2021 : Supplying and laying the buffalo over the levelled and prepared surface . The rate shall include the cost of grass mat input manure and fertilisers used periodically for top dressing ,chemical and mechanical pest control and all post planting maintenance procedure complete till the complection of project 1) Buffalo grass Plumbing	100.0	9000 sqm		Chiefer lance . Kersta Irrigation Infrastructure
	CONS.				Development Corporation Ltd.

	*		300.0000	15000.00 IN	R Fifteen Thousand Only
5.01 50.18.7.4.1 : Providing and fixing PVC including fixing the pipe with clamps at spacing. This includes jointing of pipes one step PVC solvent cement and testi complete as per direction of Engineerimm dia 10Kgf/cm2- Internal work - Exp	1.00 m S. fittings with ng of joints n-Charge 32	netre			IR Nineteen Thousand Six Hundred Only
5.02 50.18.9.9.1 : Providing and fixing PVC	pipes 35.0000 r	netre	560.0000	19600.00	WY MINISTER THOUSEN
includings jointing of pipes with one ste cement, trenching, refilling & testing of complete as per direction of engineer i	Joints				NR Nine Thousand Six Hundred & Twenty Five
mm dia 6Kgf/cm2	C pines fittings 35.0000	metre	275.0000		Only
5.03 50.18.9.13.2 : Providing and fixing PV including fixing the pipe with clamps at spacing. This includes jointing of pipe one step PVC solvent cement and test complete as per direction of Engineermm dia 10 Kgf/cm2- External work - Exte	s & fittings with ting of joints in-Charge 25				NR One Thousand Eight Hundred Only
5.04 18.51.1 : Providing and fixing C.P. bra	iss long body bib 2.0000	each	900.0000	1800.00	NK One modern Light
5.04 18.51.1 : Providing and fixing C.P. the cock of approved quality conforming t and weighing not less than 690 gms.1	o IS standards				Till blanded & Forty Five Only
bore	acc angle valve 1.0000	each	845.0000	845.00	NR Eight Hundred & Forty Five Only
5.05 18.53.1 : Providing and fixing C.P. bra for basin mixer and geyser points of a conforming to IS: 893115 mm nomina	pproved quality				
Combining to io. 655 ; is the instance				8781166.70	INR Eighty Seven Lakh Eighty One Thousand
otal in Figures				Hundrod &	Sixty Six and Paise Seventy Only
Jiai III i iguito	IND Fig	nty Seven Lakh	n Eighty One Thousand One	a nulluleu ox	DIALY DIA GITA . SILE .

FOR TRAS CONSTRUCTION |

Chief Engineer

Kerala Irrigation Infrastructure

Development Corporation Ltd.

Thiruvananthapuram - 695024

	Renovation of Punnamada Parking Area and Pren	Qty	Unit	Rate	Amount
tem no	Description	4.7			
1.01 S	6.82 : Taking out existing kerb stones of all types from cotpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as over direction of Engineer-in-Charge.	300	metre	30	9000
1.02	16.83: Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	4607	sqm	80	368560
1.03	4.1.4 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4)1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	12	cum	8000	96000
1.04	7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	28.8	cum	5900	169920
1.05	51.2.3: Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade	2303.5	cum	1000	2303500
1.06	16.78.1: Construction of granular sub-base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with	921.402	2 cum	3300	3040626.6

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Proprietor

Chief Engineer

Kerala Irrigation Infrastructure Development Corporation Ltd. Thiruvananthapuram - 695024

	Renovation of Punnamada Parking Area and Pr	emises a	t Alappuz	ha Distric	ct
tem no	Description	Qty	Unit	Rate	Amount
1.07	od266554/2019_2020: "Using Departmental" material and laying 80 mm thick factory made Cement Concrete interlocking paver blocks of M30 grade made by block making machine with strong vibratory compaction, of approved size, design, shape laid in required colour and pattern over and including 50 mm thick compacted bed of 6 mm stone aggregate, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-Charge.	3224.9	per sqm	229	738502.1
1.08	od311089/2020_2021: Providing and laying 80 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & p; shape, laid in required colour and pattern over and including 50 mm thick compacted bed of 6mm stone aggregate, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	1382.1	sqm	1100	1520310
2	BUILDING				
2.01	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	45	sqm	2000	90000
2.02	51.19.ST3: Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately 3. 25 to below 35 flush capacity	2	each	30400	60800
2.03	od311601/2020_2021: Providing and fixing superior quality White Vitreous China Wash basin size 630x450mm with a pair of 15 mm C. P. brass pillar taps with C.I. brackets, 32 mm waste pipe of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required ect. complete: JAQUAR ARS-WHT-39803 or Equivalent	2	each	11675	23350
2.04	50.6.1.2 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM (1 cement: 6 coarse sand) etc complete.	5.4	cum	7299	39414.6
	A A A A A A A A A A A A A A A A A A A		CTPLICTION		

For T.B.A.S. CONSTRUCTION

Charlengineer Korals Prophere la Irrigation Infrastructure Development Corporation Ltd.

Thiruvananthapuram - 695024

	Renovation of Punnamada Parking Area and P	remises	at Alappu	zha Distr	ict
Item no	Description	Qty	Unit	Rate	Amoun
2.05	4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	10.8	cum	8000	86400
3	SMALL REGULATOR				
3.01	5.2.2 : Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.47	cum	13000	6110
3.02	2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	0.338	cum	300	101.4
3.03	4.3.3 : Centering and shuttering including strutting, propping etc. and removal of form work for:Columns, piers, abutments, pillars, posts and struts	1.8	sqm	850	1530
3.04	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	56.4	kilogram	105	5922
3.05	60.8 : Shutter for check dams- Supplying and providing Thambagam wood shutter planks 5cm thick including cost of materials and labour charges etc complete	2.25	10 cud m	1100	2475
	ANDSCAPING				
4.01 c	approved Hedge Plants at required spacing as shown in drawing. Rate shall include cost of plants soil work, manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the late of planting labour charges, pest control operating etc. (5)Tecoma capensis	45	each	270	12150
1.02 c	od311284/2020_2021: Supplying and planting of approved Hedge Plants at required spacing as shown in drawing. Rate shall include cost of plants soil work, manure and fertilizers used in top dressing, themical and machanical pest control, staking and maintaking the planting till it is handed over from the attending labour charges, pest control operating it. (4) Ixora Abragrant	45	each	270	12150

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Rerata irrigation mirastructure
Propriedevelopment Corporation Ltd.
Thiruvananthapuram - 695024

em no	Description	Qty	Unit	Rate	Amount
4.03	approved shrubs at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (13)Tabernaemontana green	45	each	270	12150
	od311286/2020_2021 : Supplying and planting of approved shrubs at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (9)Oleander tall	45	each	270	12150
4.05	od311287/2020_2021: Supplying and planting of approved shrubs at required spacing as shown in drawing. Rate shall include cost of plants soil work,manure and fertilizers used in top dressing, chemical and machanical pest control, staking and maintaining the planting till it is handed over from the date of planting labour charges, pest control operating etc. (7)Gardenia	45	each	270	12150
4.06	od311291/2020_2021: Supplying and planting of approved trees species of a height 2.0m to 2.5m, at the specified location as shown in the drawing.Rate shall include Cost of plants, soil work inclusive of red soil, sand and manure mix staking and planting of trees sapling, replacement of dead trees and for providing a pit size 75 x 75 x 75 cm and maintainance till the competion of project work.(1).Plumeria Alba	25	each	3745	93625
4.07	od311388/2020_2021 : Supplying and laying the buffalo over the levelled and prepared surface . The rate shall include the cost of grass mat input manure and fertilisers used periodically for top dressing ,chemical and mechanical pest control and all post planting maintenance procedure complete till the complection of project 1) Buffalo grass	100	sqm	174	17400
5	Plumbing				
5.01	50.18.7.4.1: Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 10Kgf/cm2-Internal work - Exposed on wall	50	metre	300	15000

Kerala Irrigation Infrastructur Proprietor Development Corporation Lt Thiruvananthapuram - 6950.

	Renovation of Punnamada Parking Area and Pre	mises a	t Alappuzi	ha Distric	t
Item no	Description	Qty	Unit	Rate	Amount
5.02	50.18.9.9.1 : Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of Joints complete as per direction of engineer in charge.110 mm dia 6Kgf/cm2	35	metre	560	19600
5.03	50.18.9.13.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10 Kgf/cm2-External work - Exposed on wall	35	metre	275	9625
5.04	18.51.1: Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore	2	each	900	1800
5.05	18.53.1: Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore	1	each	845	845

Total Amount Excluding GST

Add GST @ 12%

Total Amount Including GST @ 12%

8781166.60

1053740

9834906.59

Chief Engineer

Acceancel

Kerala Irrigation Infrastructure Development Corporation Ltd.

Thiruvananthapuram - 695024

For T.B.A.S. CONSTRUCTION

Proprietor