

കേരളം കേരल KERALA


X 985559

AGREEMENT NO...342...../KIIDC/2022-23 DATED 20.6.2022

CONTRACT AGREEMENT entered into on this 20th day of June.....Two Thousand Twenty Two between M/s. Vallamattam Constructions, Vallamattam Building, Pandappilly P.O, Muvattupuzha, Kerala-686 672 (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 on behalf of the Company (hereinafter called the Company) on the other part for the work "Community Micro Irrigation work at Kunnamkattupathy (Construction of Irrigation room, water sump) in Kozhinjampara Panchayath in Palakkad District" by the former as per accompanying agreement, accepted tender with conditions of contract, plans, accepted schedule with specifications approved by

For Vallamattam Constructions


Mg. Partner

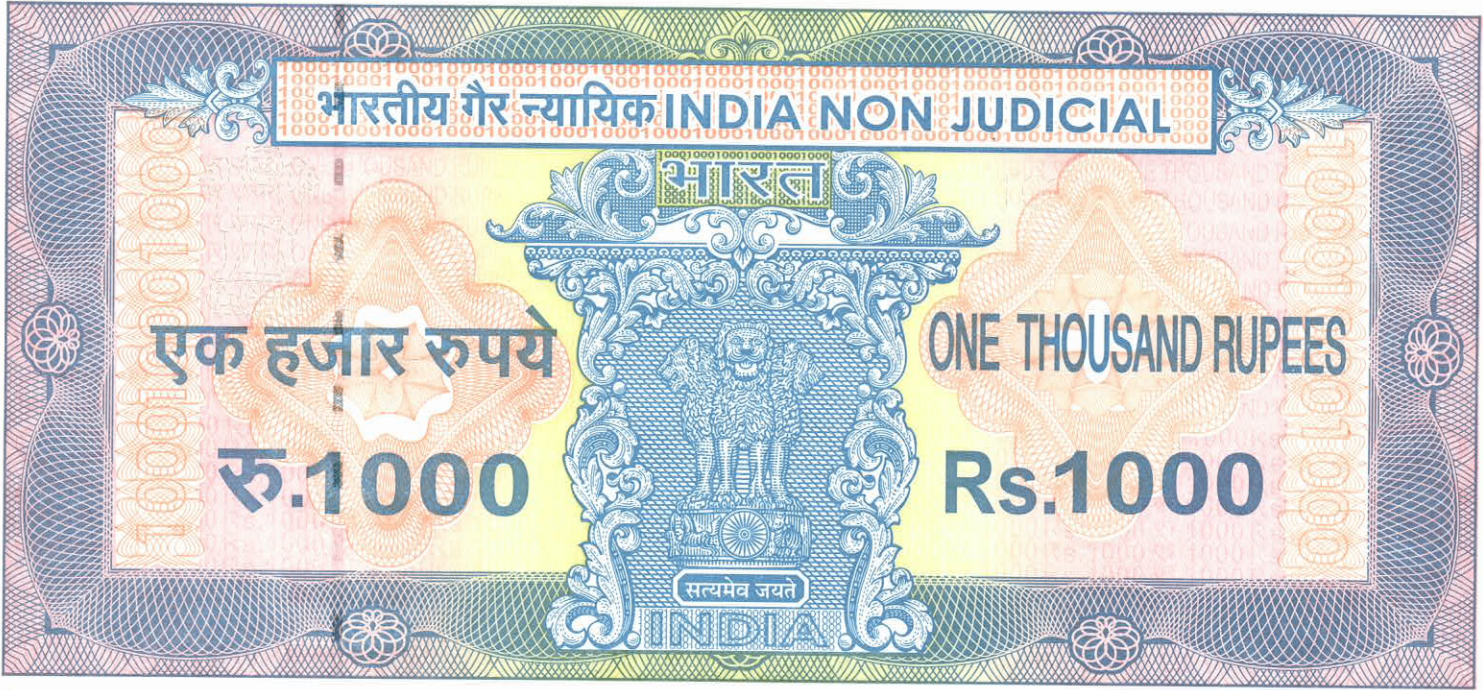

Chief Engineer
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram



Vallamattam constructions.
Pandappilly po
muvattupuzha
Ernakulam.

SIVASANKARAN NAIR.B
STAMP VENDOR
Lic. No. 01-6376/88

20.6.2022



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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.

Signed and delivered by the above mentioned M/s. Vallamattom Constructions, Vallamattam Building, Pandappilly P.O, Muvattupuzha, Kerala-686 672.

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

Contractor

2.

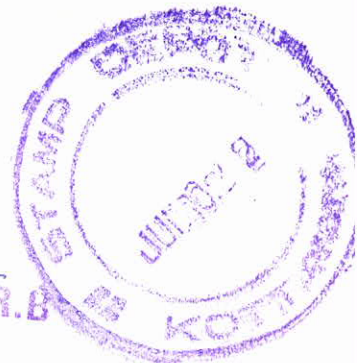
For Vallamattom Constructions

Signature
Mg. Partner

no. 19202
20-6-22

Vallamattom Constructions
Pandappilly P.O
Muvattupuzha
Kottayam

SIVASANKARAN NAIK.B
S... SDOR
Lic. No. LI-6376/88
KOTTAYAM





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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.

Chief Engineer

Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

Sreekanth

Chief Engineer,
Kerala Irrigation Infrastructure
Development Corporation Limited
(for and on behalf of the Company)

In the presence of:-

1.

For Vallamattam Constructions

[Signature]

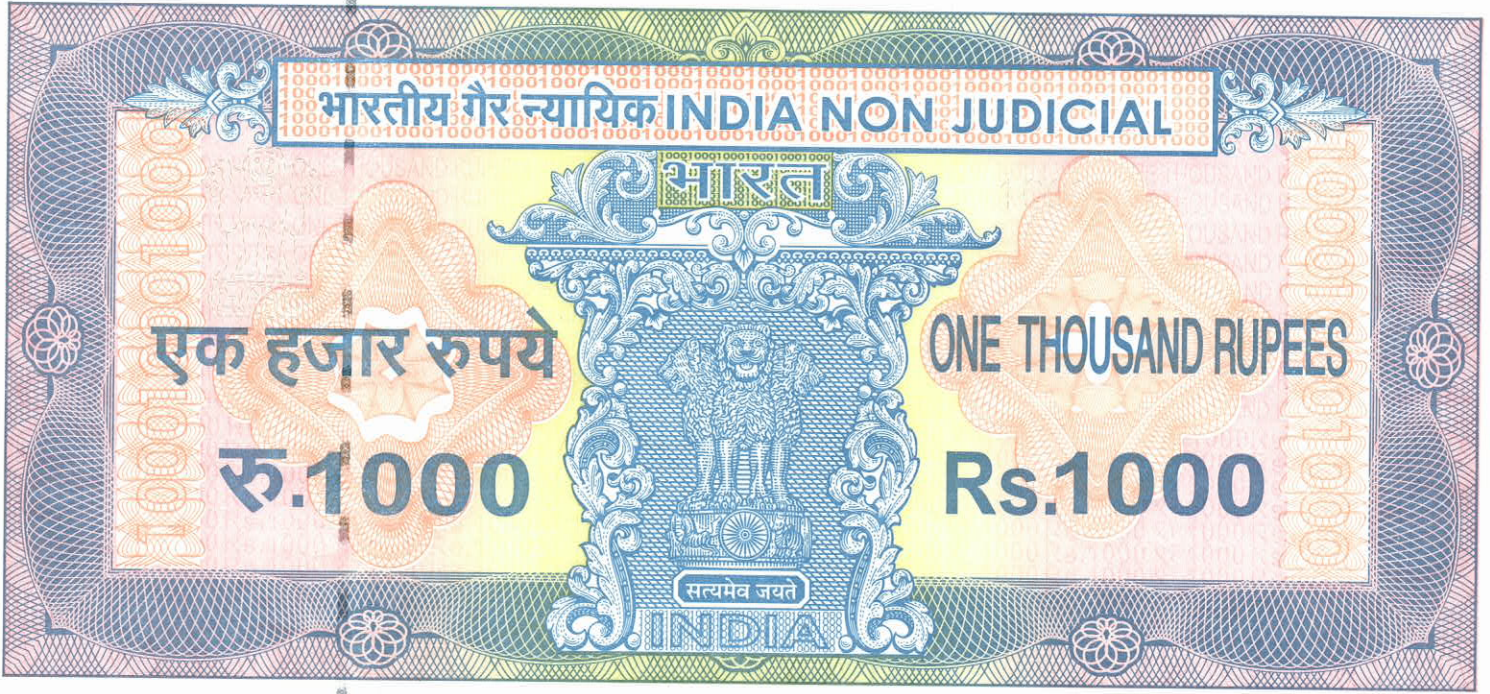
Mg. Partner

20-19209
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Vallamattam constructions
Pandalappally p-o
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Ernakulam

SIVASANKARAN NAIR.B
STAMP VENDOR
Lic. No. 01/2022





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MEMORANDUM OF WORK TENDERED

Name of work	"Community Micro Irrigation work at Kunnamkattupathy (Construction of Irrigation room, water sump) in Kozhinjampara Panchayath in Palakkad District "
Estimate P.A.C	Rs. 36,48,499/-
Contract P.A.C	Rs. 40,05,006/-
Date of starting	The work should be started within 10 days after executing agreement
Date of completion	6 months from the date of handing over the site

For Vallamattam Constructions

[Signature]

Mg. Partner

[Signature]
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

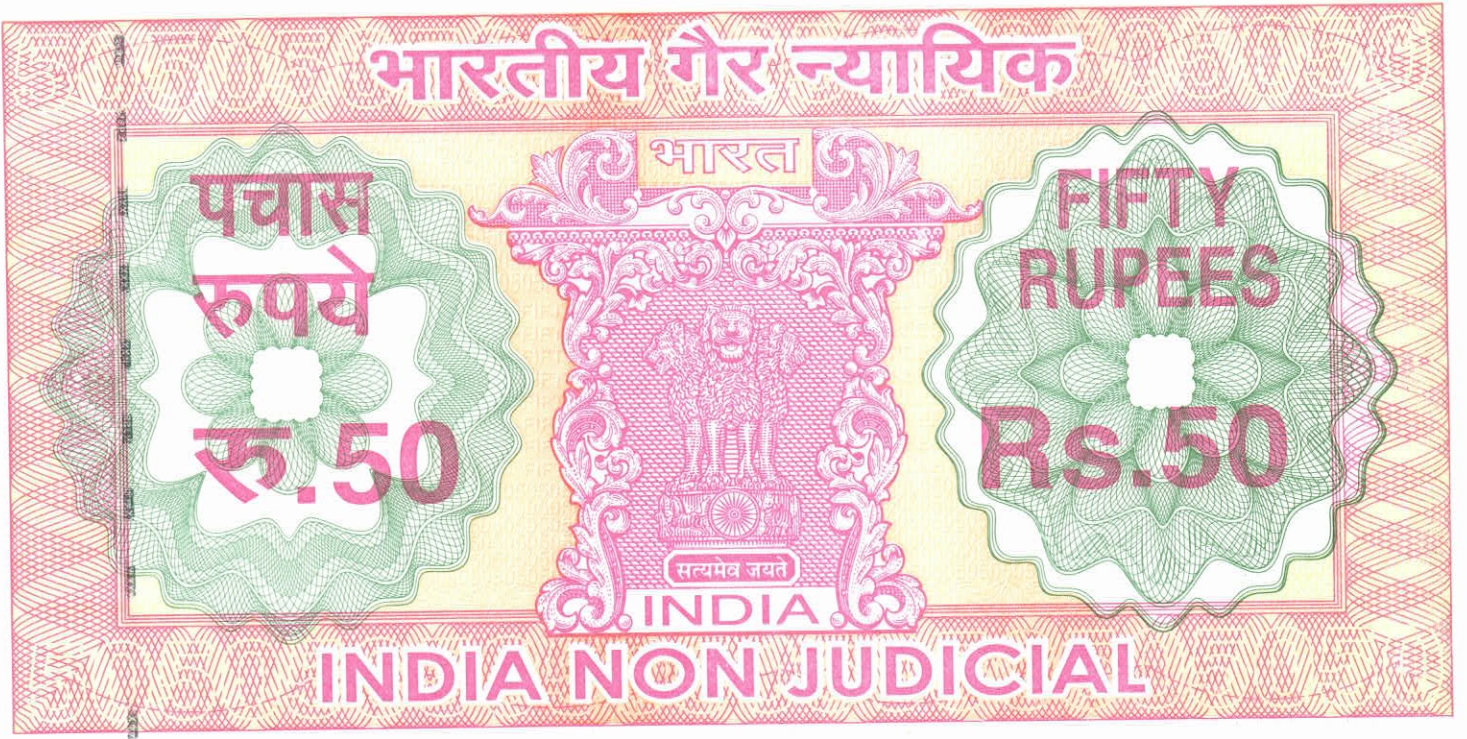
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26-8-22

vallamattam constructions
pandappi khs. po
muvattin mal.

SIVASANKARAN NAIR
STATE VENDOR
Lic. No. C1-6376/88





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CM 068945

Performance Guarantee	Treasury FD for an amount of Rs.1,20,200/- dated 20-06-2022 for 6 years.	JL 1381077
Additional Performance Guarantee	Treasury FD for an amount of Rs.56,100/- dated 20-06-2022 for 2 years 5 days.	JL 1381078

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Mg. Partner

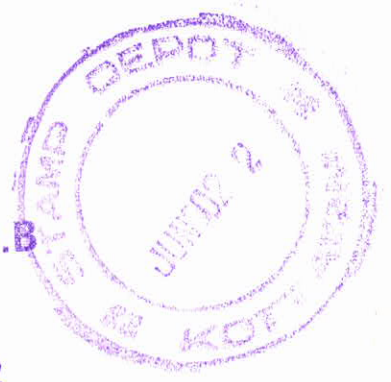
Contractor


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

no.19206
20.6.22

vallamattam constructions
peruvayalil p.o
muvattupuzha. PO
Ernakulam

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STAMP VENDOR
Lic. No. C1-6376/88
KOTTAYAM - 686 002



Validate

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Item Rate BoQ

Tender Inviting Authority: KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

Work Name : Community Micro Irrigation work at Kunnamkattypathy(Construction of Irrigation room, water sump) in Kozhinjampara Panchayath in Palakkad District

Contract No: KIIDC/Retender/409-2/2021-22

Bidder Name : VALLAMATTAM CONSTRUCTIONS

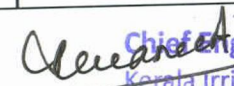
PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be updated after filling the relevent columns, else the bidder is liable to be rejected for this tender.
Bidders are allowed to enter the Bidder Name and Values only)

NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	13	53	55
1.01	APPENDIX A- CONSTRUCTION OF IRRIGATION ROOM 2.31 : Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	110.0000	sqm		17.00	1870.00	INR One Thousand Eight Hundred & Seventy Only
1.02	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	55.9330	cum		250.00	13983.25	INR Thirteen Thousand Nine Hundred & Eighty Three and Paise Twenty Five Only
1.03	4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	13.8520	cum		8,200.00	113586.40	INR One Lakh Thirteen Thousand Five Hundred & Eighty Six and Paise Forty Only
1.04	5.1.2 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1.5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	14.6650	cum		10,500.00	153982.50	INR One Lakh Fifty Three Thousand Nine Hundred & Eighty Two and Paise Fifty Only

For Vallamattam Constructions


Md. Parveen


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

1.05	2.25 : Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	22.8760	cum		320.00	7320.32	INR Seven Thousand Three Hundred & Twenty and Paise Thirty Two Only
1.06	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)	0.3420	cum		8,000.00	2736.00	INR Two Thousand Seven Hundred & Thirty Six Only
1.07	50.6.1.4 : Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	11.1820	cum		7,200.00	80510.40	INR Eighty Thousand Five Hundred & Ten and Paise Forty Only
1.08	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 to 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)	2.5930	cum		13,000.00	33709.00	INR Thirty Three Thousand Seven Hundred & Nine Only
1.09	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 ^{<sup>0</sup>} landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).	14.3530	cum		14,000.00	200942.00	INR Two Lakh Nine Hundred & Forty Two Only
1.1	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	1293.6020	kilogram		99.00	128066.60	INR One Lakh Twenty Eight Thousand & Sixty Six and Paise Sixty Only
1.11	5.22A.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo - Mechanically Treated bars of grade Fe-500D or more	1355.4270	kg		99.00	134187.27	INR One Lakh Thirty Four Thousand One Hundred & Eighty Seven and Paise Twenty Seven Only
1.12	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	32.5800	sqm		400.00	13032.00	INR Thirteen Thousand & Thirty Two Only

For Vallamattam Constructions

(Signature)

Mg. Partner

Chief Engineer
(Signature)
 Infrastructure
 Development Corporation Ltd.
 Thiruvananthapuram - 695024

1.13	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	38.8800	sqm		980.00	38102.40	INR Thirty Eight Thousand One Hundred & Two and Paise Forty Only
1.14	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	51.0100	sqm		780.00	39787.80	INR Thirty Nine Thousand Seven Hundred & Eighty Seven and Paise Eighty Only
1.15	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	78.4470	sqm		950.00	74524.65	INR Seventy Four Thousand Five Hundred & Twenty Four and Paise Sixty Five Only
1.16	13.1.2 : 12 mm cement plaster of mix:1:6 (1 cement : 6 fine sand).	251.8500	sqm		370.00	93184.50	INR Ninety Three Thousand One Hundred & Eighty Four and Paise Fifty Only
1.17	13.16.1 : 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)	108.9270	sqm		330.00	35945.91	INR Thirty Five Thousand Nine Hundred & Forty Five and Paise Ninety One Only
1.18	13.46.1 : Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	368.5780	sqm		220.00	81087.16	INR Eighty One Thousand & Eighty Seven and Paise Sixteen Only
1.19	10.6.2 : Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete. including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.20 mm M.S. laths with 1.20 mm thick top cover	4.2000	sqm		4,000.00	16800.00	INR Sixteen Thousand Eight Hundred Only
1.2	10.13.1 : Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	138.2510	kg		150.00	20737.65	INR Twenty Thousand Seven Hundred & Thirty Seven and Paise Sixty Five Only
1.21	9.48.1 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	154.9800	kg		220.00	34095.60	INR Thirty Four Thousand & Ninety Five and Paise Sixty Only
1.22	10.2 : Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	47.2500	kg		145.00	6851.25	INR Six Thousand Eight Hundred & Fifty One and Paise Twenty Five Only

For Vallamattam Constructions

[Signature]

Mg. Partner

Chief Engineer

[Signature]
Kerala Irrigation Infrastructure
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Thiruvananthapuram - 695024

1.23	od163178/2021_2022 : Providing and fixing factory made uPVC white colour sliding glazed window upto 1.80 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately)

Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.


Three track three panels sliding window made of (big series) frame 116 x 45 mm

sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and	8.6100	sqm		9,500.00	81795.00	INR Eighty One Thousand Seven Hundred & Ninety Five Only
2	Construction of Sump tank						
2.01	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	99.0000	cum		250.00	24750.00	INR Twenty Four Thousand Seven Hundred & Fifty Only
2.02	2.31 : Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	74.7500	sqm		17.00	1270.75	INR One Thousand Two Hundred & Seventy and Paise Seventy Five Only
2.03	2.26.1 : Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil	99.0000	cum		125.00	12375.00	INR Twelve Thousand Three Hundred & Seventy Five Only

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2.04	60.1.2 : RING BUND Type II Putting up ring bund with earth fille gunny bags of top width 1.0m bottom width 2.0m height 2.0 m side and filling in between with earth to form ring bund and maintaining the same leak proof till the completion of the work and clearing the site by dismantling the bund after completion of the work.etc.complete.	100.0000	metre		950.00	95000.00	INR Ninety Five Thousand Only
2.05	60.2.3 : Bailing out water using pump above 5 HP and Up to 10 HP-Bailing out water with engine and pump set above 5HP and up to 10HP, including conveyance to site and erection,cost of fuel, lubrication oil and other stores, pay of staff etc complete	120.0000	hour		530.00	63600.00	INR Sixty Three Thousand Six Hundred Only
2.06	5.33.1 : Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level	79.7450	cum		11,500.00	917067.50	INR Nine Lakh Seventeen Thousand &Sixty Seven and Paise Fifty Only
2.07	4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	7.6560	cum		7,900.00	60482.40	INR Sixty Thousand Four Hundred & Eighty Two and Paise Forty Only
2.08	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	7974.4010	kilogram		99.00	789465.70	INR Seven Lakh Eighty Nine Thousand Four Hundred & Sixty Five and Paise Seventy Only
2.09	5.9.2 : Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	267.0420	sqm		850.00	226985.70	INR Two Lakh Twenty Six Thousand Nine Hundred & Eighty Five and Paise Seventy Only
2.1	5.23 : Smooth finishing of the exposed surface of RCC work with 6mm thick cement mortar 1:3 (cement : 3 fine sand).	258.8800	sqm		330.00	85430.40	INR Eighty Five Thousand Four Hundred & Thirty and Paise Forty Only

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2.11	22.23.1 : Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage. For vertical surface two coats @0.70 kg per sqm	258.8800	sqm		425.00	110024.00	INR One Lakh Ten Thousand & Twenty Four Only
3	ELECTRIFICATION						
3.01	1.10.3 : Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	3.0000	point		1,400.00	4200.00	INR Four Thousand Two Hundred Only
3.02	1.55.3 : Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	3.0000	point		800.00	2400.00	INR Two Thousand Four Hundred Only
3.03	1.12 : Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	20.0000	metre		290.00	5800.00	INR Five Thousand Eight Hundred Only

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(Signature)

Mg. Partner

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 Development Corporation Ltd.
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3.04	1.14.1 : Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2x1.5 sq.mm + 1x1.5 sq.mm earth wire	50.0000	metre		210.00	10500.00	INR Ten Thousand Five Hundred Only
3.05	1.14.2 : Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2x2.5 sq. mm + 1 X 2.5 sq. mm earth wire	20.0000	metre		240.00	4800.00	INR Four Thousand Eight Hundred Only
3.06	1.31 : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or inrecess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	2.0000	each		575.00	1150.00	INR One Thousand One Hundred & Fifty Only
3.07	1.33 : Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	7.0000	each		95.00	665.00	INR Six Hundred & Sixty Five Only
3.08	od163169/2021_2022 : Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.
1200mm sweep -5star rated ceiling fan complete with 300mm down rod , canopies, shackles and blades and resistance type regulator working on 230V/240V single phase A/C
	2.0000	each		1,750.00	3500.00	INR Three Thousand Five Hundred Only
3.09	1.25 : Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	2.0000	each		375.00	750.00	INR Seven Hundred & Fifty Only
3.1	90.3.19.3 : Supply conveyance, installation, testing and commissioning the light fittings of following types made from CRCA sheet 0.5mm thickness with all accessories and lamps directly on wall and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round copper conductor flex wire or extending the original wiring and giving connections as required	4.0000	each		1,100.00	4400.00	INR Four Thousand Four Hundred Only
3.11	2.10.1 : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	4.0000	each		290.00	1160.00	INR One Thousand One Hundred & Sixty Only

For Vallamattam Constructions



Mg. Partner.



Chief Engineer

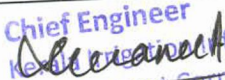
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Development Corporation Ltd.
Thiruvananthapuram - 695024

3.12	2.10.5 : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Triple pole and neutral	1.0000	each		1,600.00	1600.00	INR One Thousand Six Hundred Only
3.13	2.15.1 : Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 25 amps	1.0000	each		3,500.00	3500.00	INR Three Thousand Five Hundred Only
3.14	90.11.1.10 : Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required	1.0000	each		3,505.69	3505.69	INR Three Thousand Five Hundred & Five and Paise Sixty Nine Only
3.15	od163170/2021_2022 : Supply & installation of dust and vermin proof, 3 Phase Syntex Meter Board GS-MB-6535(size 760x450x260x) and to fix KSEB meters, fuse units, CT etc as required including fixing it on wall, making good the damages colour washing etc. as required.	1.0000	each		5,900.00	5900.00	INR Five Thousand Nine Hundred Only
3.16	od163171/2021_2022 : 100A HRC fuse fuse base with fuse link
	3.0000	each		545.00	1635.00	INR One Thousand Six Hundred & Thirty Five Only
3.17	od163172/2021_2022 : 100 A, 415 V, 2 way neutral link mounted on DMC/ SMC base.	1.0000	each		345.00	345.00	INR Three Hundred & Forty Five Only
3.18	90.12.7.42 : Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required.	10.0000	metre		360.00	3600.00	INR Three Thousand Six Hundred Only
3.19	9.1.34 : Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 X 25 sq. mm (28mm)	2.0000	set		300.00	600.00	INR Six Hundred Only
3.2	90.16.1.3 : Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required	50.0000	metre		65.00	3250.00	INR Three Thousand Two Hundred & Fifty Only
3.21	5.4 : Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2.0000	set		8,853.00	17706.00	INR Seventeen Thousand Seven Hundred & Six Only

For Vallamattam Constructions



Mg. Partner

Chief Engineer

 Infrastructure
 Development Corporation Ltd.
 Thiruvananthapuram - 695024

3.22	5.13 : Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	30.0000	metre		330.00	9900.00	INR Nine Thousand Nine Hundred Only
3.23	5.14 : Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	0.3000	metre		1,200.00	360.00	INR Three Hundred & Sixty Only
3.24	od163173/2021_2022 : Solar street light:Supply installation, testing and commissioning 30w Solar LED Street Light, All in one type with 60w Pannel, 12.8V 18Ah Lithium Phero Phospate LifePo4 Battery, IP65 Protection individually for each components Motion sensor and Hybrid Charge controller. The pole shall 5 mtr GRP Conical Pole Made by CNC Filament machine, and be painted with anti corrosive paint with required thickness for protection. Each street light pole shall have proper independent earth at each location(Excluding civil work)	2.0000	each		44,000.00	88000.00	INR Eighty Eight Thousand Only
3.25	od163174/2021_2022 : KSEB charges for obtaining electric connection to the premises including CD, OYEC etc.(actuals will be paid)	1.0000	L.S		20,000.00	20000.00	INR Twenty Thousand Only
4	CIVIL WORK FOR LAMP POST						
4.01	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	1.3500	cum		260.00	351.00	INR Three Hundred & Fifty One Only
4.02	4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	0.1130	cum		8,400.00	949.20	INR Nine Hundred & Forty Nine and Paise Twenty Only
4.03	5.1.3 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.6000	cum		10,500.00	6300.00	INR Six Thousand Three Hundred Only
4.04	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	4.8000	sqm		400.00	1920.00	INR One Thousand Nine Hundred & Twenty Only
4.05	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	30.0000	kilogram		99.00	2970.00	INR Two Thousand Nine Hundred & Seventy Only
Total in Figures						4005006.00	INR Forty Lakh Five Thousand & Six Only
Quoted Rate in Words						INR Forty Lakh Five Thousand & Six Only	

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