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W 153661

AGREEMENT NO.244/ KIIDC/2020-21 DATED 26.02.2021

CONTRACT AGREEMENT entered into on this 26th day of February Two Thousand Twenty One between M/s. VJ Raju & Co., Valuparambil Building, Pazhayarikandaom P.O, Idukki-685606 for and on behalf of the Company (hereinafter called the Company) on the other part for the work " Additional work II Eco lodge Idukki (Construction of Sump Tank, Pump House, Security Room, Fencing, Landscaping, Electrification)" by the former as per accompanying agreement, accepted tender with conditions of contract, plans, accepted schedule with specifications 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 V J RAJU & Co.


Managing Partner

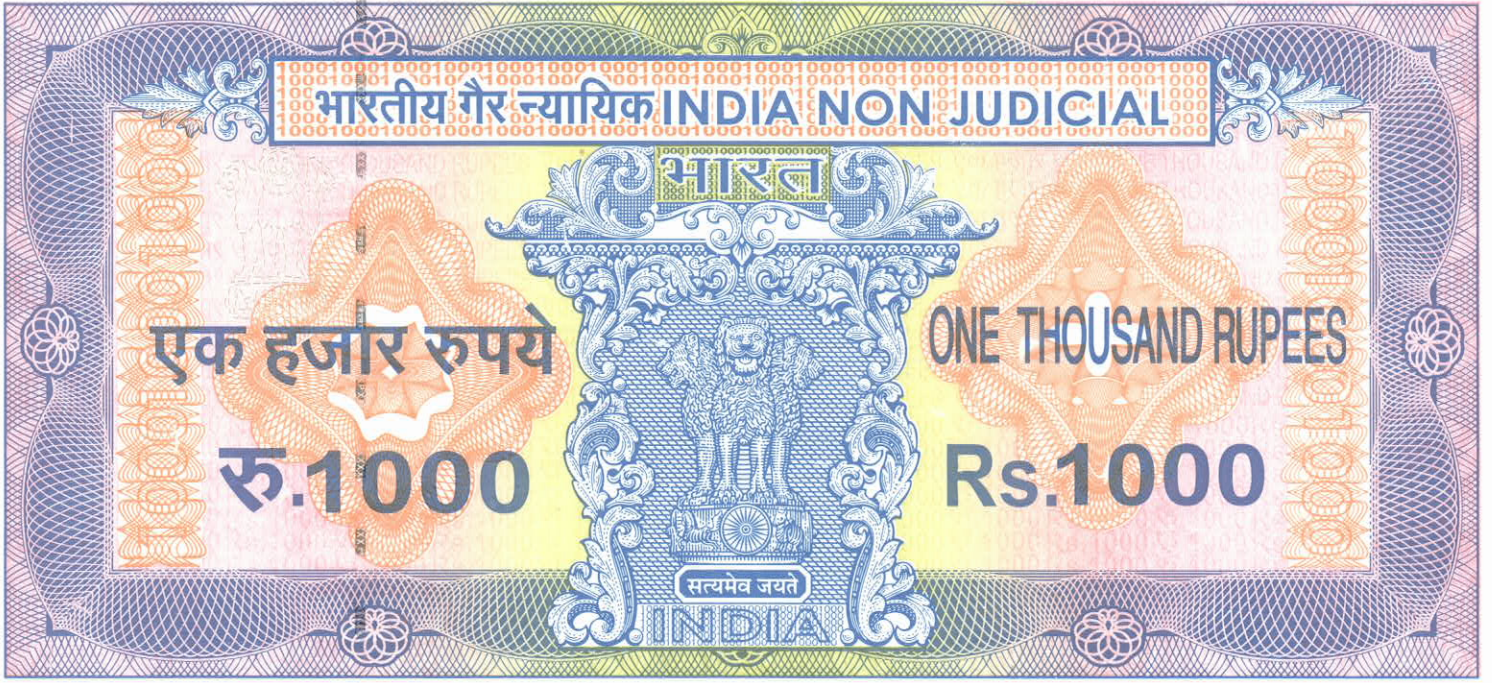
No 38575

18.2.2021

Managing Partner
V J Raju & Co., Valuparambil
Pazhayarikandaom, Idukki
(cedo)


KILIYALLOOR MANI
PALAYAM VENDOR
India Institute of Commerce Bldg.,
University P.O, Thiruvananthapuram-34


18 FEB 2021



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W 153662

Signed and delivered by the above mentioned M/s.VJ Raju & Co.,Valuparambil Building, Pazhayarikandaom P.O, Idukki-685606

For V J RAJU & Co.

Contractor

Managing Partner

In the presence of:-

1. AKASH P. UNNI,
Poomkudiyil (C.H.)
Cholacherry P.O cholacherry,
- 2.

For V J RAJU & Co.

Managing Partner

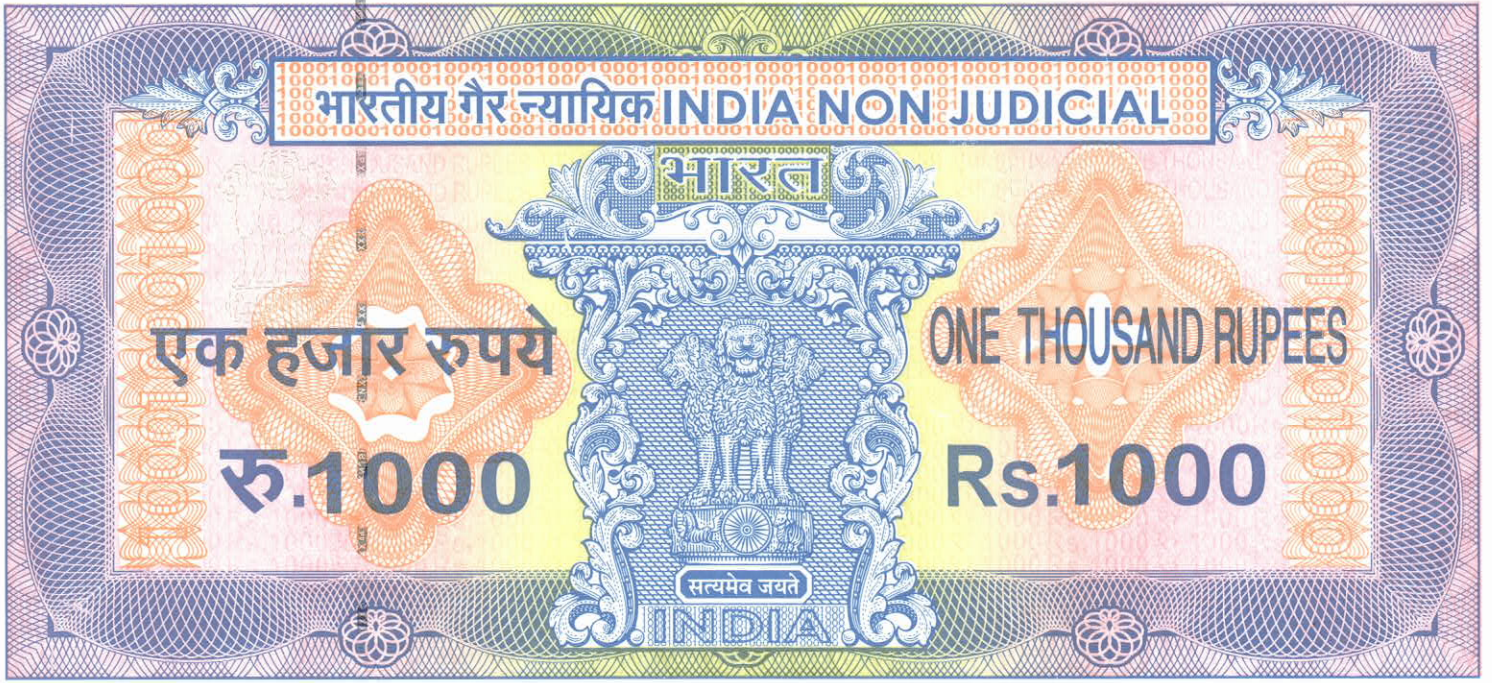
No 38576

18-2-2021

Managing Director
V. J Raju & Co, Valuparambil
Pazhayarikandaom P.O, Idukki

KILIYALLOOR MANI
PALAYAM VENDOR
India Institute of Commerce Bldg.,
P.O, Thiruvananthapuram-34

PRINCIPAL SECRETARY
11 8 FEB 2021



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W 153663

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 Limited
(for and on behalf of the Company)

In the presence of:-

- 1.
- 2.

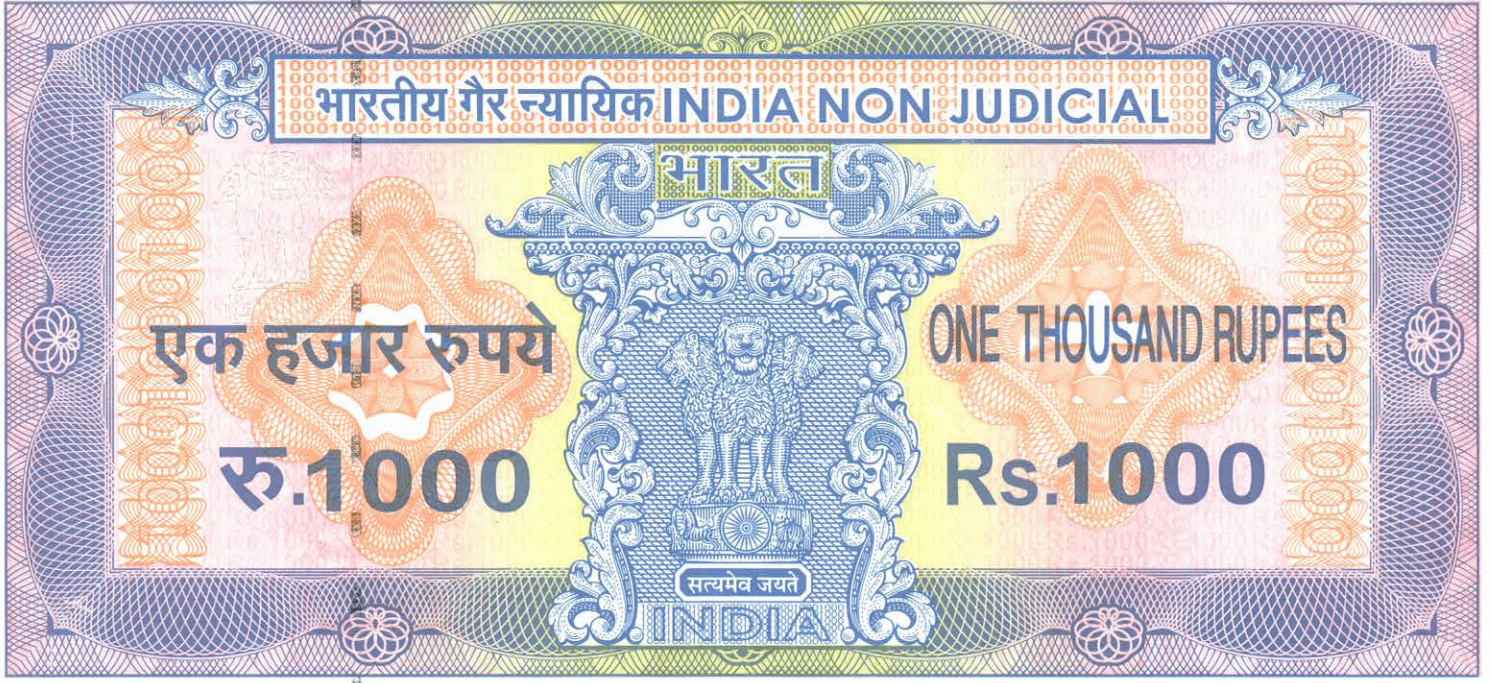
For V J RAJU & Co.

Jarash
Managing Partner

38577
18 2 2021
Managing Partner
V. J. Raju & Co., Valupuzha
Ponnamkandam
Mukk

KILIYALLOOR MANI
PALAYAM VENDOR
India Institute of Commerce Bldg.,
University P.O, Thiruvananthapuram-34





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W 153660

MEMORANDUM OF WORK TENDERED

Name of work	Additional work II Eco lodge Idukki (Construction of Sump Tank, Pump House, Security Room, Fencing, Landscaping, Electrification)
Estimate P.A.C	Rs. 42,95,527/-
Contract P.A.C	Rs.45,85,722.41/-
Date of starting	The work should be started within 10 days after executing agreement

For V J RAJU & Co.

Jitesh
Managing Partner

No. 38574

18.2.2021

*M. S. Raju & Co. Vala paramba Idukki
Pazhayanik andam, Idukki
10001*

**KILIYALLOOR MANI
PALAYAM VENDOR**
India Institute of Commerce Bldg.,
University P.O, Thiruvananthapuram-34





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B 416416

Date of completion	4 (Four) months from the date of handing over the site
Performance Guarantee	Treasury FD for an amount of Rs. 68,800/- JL 0616516 dated 18.02.2021 for 6 years Federal Bank IBG NO. 113840 dated 18.02.2021 for an amount of Rs. 68,800/- valid upto 18.03.2024

For V J RAJU & Co.

[Signature]
Managing Partner

Contractor

Chief Engineer.
KIIDC Limited

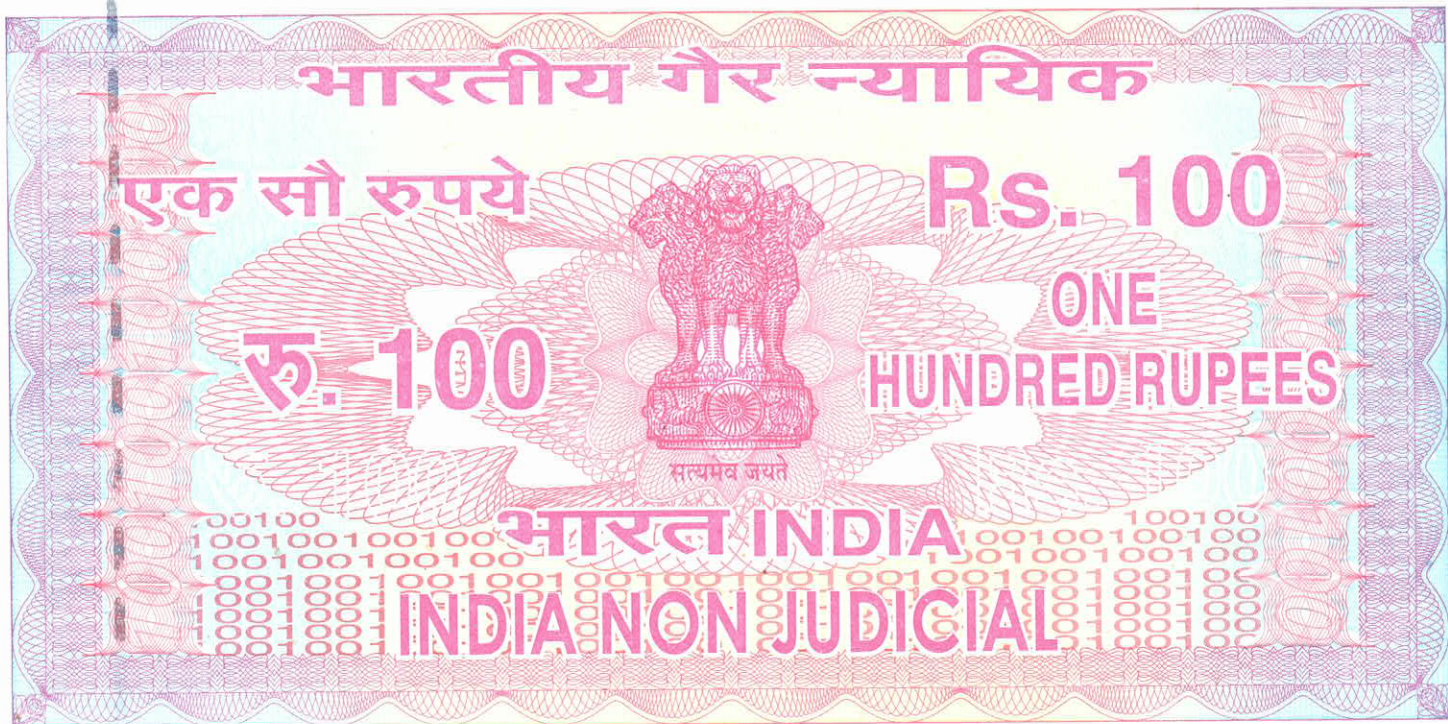


[Signature]

25/103
18.11.2020

V. J. Raju & Co
Valuparumbil
Pazhanyemkandam

[Signature]
ARYA REMA
STAMP VENDOR
CHERUTHONY



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CU 252067

For V J RAJU & Co.

V J Raju
Managing Partner

No: 31600

15/01/2021

V J Raju & Co.
Valayarambil Bubby,
Pazhoyenikandam

Arya Rema
ARYA REMA
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CHERUTHONY

13 JAN 2021

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

Work Name : Additional Work II of Eco Lodge, Idukki (Construction of Sump Tank, Pump House, Security Room, Fencing, Landscaping, Electrification)

Contract No: KIIDC / Tender/ 292/ 2020-21

Bidder Name : M/s VJ Raju & Co

PRICE SCHEDULE

(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. 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-Fencing 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	900.0000	sqm		11.0000	9900.00	INR Nine Thousand Nine Hundred Only
1.02	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	22.5000	cum		270.0000	6075.00	INR Six Thousand & Seventy Five Only

For V J RAJU & Co.

Managing Partner

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)	3.7500	cum		7300.0000	27375.00	INR Twenty Seven Thousand Three Hundred & Seventy Five Only
1.04	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)	18.7500	cum		8900.0000	166875.00	INR One Lakh Sixty Six Thousand Eight Hundred & Seventy Five Only
1.05	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.	11386.0000	kg		110.0000	1252460.00	INR Twelve Lakh Fifty Two Thousand Four Hundred & Sixty Only
1.06	16.70.2 : Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts , bolts and washers as required complete as per the direction of Engineer-in- charge.Made of G.I wire of dia 4 mm. PVC coated to achieve outer dia. not less than 5 mm in required colour and shade	1125.0000	sqm		970.0000	1091250.00	INR Ten Lakh Ninety One Thousand Two Hundred & Fifty Only
1.07	16.18.1 : Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for serarately) :- Payment to be made per metre cost of total length of barbed wire used.With G.I. barbed wire	600.0000	metre		20.0000	12000.00	INR Twelve Thousand Only
1.08	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	385.9200	sqm		125.0000	48240.00	INR Forty Eight Thousand Two Hundred & Forty Only
1.09	15.34.1 : Dismantling and stacking with in 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of :T or L iron or pipe	20.0000	each		170.0000	3400.00	INR Three Thousand Four Hundred Only

For V J RAJU & Co.


Managing Partner

2						
	APPENDIX- B-SUMP TANK					
2.01	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	675.0000	sqm		11.0000	7425.00 INR Seven Thousand Four Hundred & Twenty Five Only
2.02	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	40.7630	cum		200.0000	8152.60 INR Eight Thousand One Hundred & Fifty Two and Paise Sixty Only
2.03	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)	3.7810	cum		7300.0000	27601.30 INR Twenty Seven Thousand Six Hundred & One and Paise Thirty Only
2.04	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	11.2450	cum		10000.0000	112450.00 INR One Lakh Twelve Thousand Four Hundred & Forty Nine and Paise One Hundred Only
2.05	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	1168.7360	kilogram		90.0000	105186.24 INR One Lakh Five Thousand One Hundred & Eighty Six and Paise Twenty Four Only
2.06	5.9.2 : Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	62.3200	sqm		620.0000	38638.40 INR Thirty Eight Thousand Six Hundred & Thirty Eight and Paise Forty Only
2.07	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	12.2500	sqm		690.0000	8452.50 INR Eight Thousand Four Hundred & Fifty Two and Paise Fifty Only

For V J RAJU & Co.


Managing Partner

2.08	od64028/2020_2021 : Providing Cast Iron Manhole Cover 455X610mm including frame with all labour conveyance etc. complete	2.0000	each		2800.0000	5600.00	INR Five Thousand Six Hundred Only
2.09	13.16.1 : 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)	58.5800	sqm		234.0000	13707.72	INR Thirteen Thousand Seven Hundred & Seven and Paise Seventy Two Only
2.1	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	28.0000	sqm		765.0000	21420.00	INR Twenty One Thousand Four Hundred & Twenty Only

For V J RAJU & Co.


Managing Partner

2.11	22.23.2 : 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 horizontal surface one coat @1.10 kg per sqm.	12.2500	sqm		590.0000	7227.50	INR Seven Thousand Two Hundred & Twenty Seven and Paise Fifty Only
2.12	18.48 : Providing and placing on terrace (at all floor levels) polyethylene water storage tank : ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	10000.0000	Litre		11.0000	110000.00	INR One Lakh Ten Thousand Only
2.13	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)	1.6810	cum		8967.0000	15073.53	INR Fifteen Thousand & Seventy Three and Paise Fifty Three Only

For V J RAJU & Co.


Managing Partner

2.14	18.9.6 : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work50 mm nominal outer dia pipes	201.0000	metre		790.0000	158790.00	INR One Lakh Fifty Eight Thousand Seven Hundred & Ninety Only
2.15	18.9.8 : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work75 mm nominal inner dia pipes	300.0000	metre		1695.0000	508500.00	INR Five Lakh Eight Thousand Five Hundred Only
2.16	18.19.6.1 : Providing and fixing gun metal non-return valve of approved quality (screwed end):80 mm nominal boreHorizontal	1.0000	each		4000.0000	4000.00	INR Four Thousand Only
2.17	18.17.4 : Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore	4.0000	each		1200.0000	4800.00	INR Four Thousand Eight Hundred Only
3							
APPENDIX-C-PUMP HOUSE							
3.01	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	25.0000	sqm		11.0000	275.00	INR Two Hundred & Seventy Five Only
3.02	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	7.3850	cum		205.0000	1513.93	INR One Thousand Five Hundred & Thirteen and Paise Ninety Two Only

For V J RAJU & Co.

V J Raju
Managing Partner

3.03	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)	1.9970	cum		7300.0000	14578.10	INR Fourteen Thousand Five Hundred & Seventy Eight and Paise Ten Only
3.04	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)	7.2010	cum		6400.0000	46086.40	INR Forty Six Thousand & Eighty Six and Paise Forty Only
3.05	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.	4.0500	cum		205.0000	830.25	INR Eight Hundred & Thirty and Paise Twenty Five Only
3.06	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	6.6790	cum		5900.0000	39406.10	INR Thirty Nine Thousand Four Hundred & Six and Paise Ten Only
3.07	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15⁰ 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).	2.6420	cum		12000.0000	31704.00	INR Thirty One Thousand Seven Hundred & Four Only
3.08	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	19.2110	sqm		690.0000	13255.59	INR Thirteen Thousand Two Hundred & Fifty Five and Paise Fifty Nine Only
3.09	5.9.21 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proofply 12 mm thick.	3.8400	sqm		685.0000	2630.40	INR Two Thousand Six Hundred & Thirty and Paise Forty Only

For V J RAJU & Co.

 Managing Partner

3.1	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	225.0000	kilogram		90.0000	20250.00	INR Twenty Thousand Two Hundred & Fifty Only
3.11	13.1.2 : 12 mm cement plaster of mix:1:6 (1 cement : 6 fine sand).	80.4100	sqm		260.0000	20906.60	INR Twenty Thousand Nine Hundred & Six and Paise Sixty Only
3.12	13.16.1 : 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)	28.2000	sqm		234.0000	6598.80	INR Six Thousand Five Hundred & Ninety Eight and Paise Eighty Only
3.13	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	86.0100	sqm		135.0000	11611.35	INR Eleven Thousand Six Hundred & Eleven and Paise Thirty Five Only
3.14	50.9.1.1 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	0.1340	cum		110000.0000	14740.00	INR Fourteen Thousand Seven Hundred & Forty Only
3.15	50.9.2.1 : Providing and fixing paneled and glazed shutters for doors, windows and clerestory windows, 35 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer in - charge.using Anjili/ Jack wood	4.5910	sqm		3000.0000	13773.00	INR Thirteen Thousand Seven Hundred & Seventy Three Only
3.16	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	6.9530	sqm		120.0000	834.36	INR Eight Hundred & Thirty Four and Paise Thirty Six Only
3.17	9.48.2 : 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 openings/ wooden frames with rawl plugs screws etc	21.6000	kg		170.0000	3672.00	INR Three Thousand Six Hundred & Seventy Two Only

For V J RAJU & Co.

 Managing Partner

3.18	11.39 : Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make in colours White, Ivory, Grey, fume Red Brown, 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.	9.0000	sqm		1250.0000	11250.00	INR Eleven Thousand Two Hundred & Fifty Only
3.19	25.1 : Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account).	15.0000	kg		550.0000	8250.00	INR Eight Thousand Two Hundred & Fifty Only
4							
APPENDIX D-SECURITY ROOM							
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	5.3700	cum		190.0000	1020.30	INR One Thousand & Twenty and Paise Thirty 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)	1.5180	cum		7000.0000	10626.00	INR Ten Thousand Six Hundred & Twenty Six Only
4.03	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)	3.1870	cum		6000.0000	19122.00	INR Nineteen Thousand One Hundred & Twenty Two Only

For V J RAJU & Co.

Managing Partner

4.04	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	4.8650	cum		5500.0000	26757.50	INR Twenty Six Thousand Seven Hundred & Fifty Seven and Paise Fifty Only
4.05	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).	0.3550	cum		11000.0000	3905.00	INR Three Thousand Nine Hundred & Five Only
4.06	5.9.21 : Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proofply 12 mm thick.	3.5400	sqm		650.0000	2301.00	INR Two Thousand Three Hundred & One Only
4.07	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	31.8610	kilogram		90.0000	2867.49	INR Two Thousand Eight Hundred & Sixty Seven and Paise Forty Nine Only
4.08	13.1.2 : 12 mm cement plaster of mix: 1:6 (1 cement : 6 fine sand).	56.7700	sqm		250.0000	14192.50	INR Fourteen Thousand One Hundred & Ninety Two and Paise Fifty Only
4.09	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work	64.2700	sqm		150.0000	9640.50	INR Nine Thousand Six Hundred & Forty and Paise Fifty Only
4.1	11.39 : Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make in colours White, Ivory, Grey, fume Red Brown, 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.	7.5000	sqm		1300.0000	9750.00	INR Nine Thousand Seven Hundred & Fifty Only

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4.11	50.9.1.1 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	0.1340	cum		110000.0000	14740.00	INR Fourteen Thousand Seven Hundred & Forty Only
4.12	50.9.2.1 : Providing and fixing paneled and glazed shutters for doors, windows and clerestory windows, 35 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin - charge.using Anjili/ Jack wood	4.5910	sqm		2900.0000	13313.90	INR Thirteen Thousand Three Hundred & Thirteen and Paise Ninety Only
4.13	9.48.2 : 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 openings/ wooden frames with rawl plugs screws etc	21.6000	kg		170.0000	3672.00	INR Three Thousand Six Hundred & Seventy Two Only
4.14	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	6.9530	sqm		120.0000	834.36	INR Eight Hundred & Thirty Four and Paise Thirty Six Only
4.15	51.19.ST1 : 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) 1. Below 15 flush capacity	6.0000	each		17000.0000	102000.00	INR One Lakh Two Thousand Only
4.16	9.117.1 : Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 x 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-chargeExtruded section profile size 48x40 mm	5.0000	metre		350.0000	1750.00	INR One Thousand Seven Hundred & Fifty Only

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4.17	9.120.1 : Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer - in-charge, manufacture's specification & drawing. 30 mm thick plain PVC door shutters	1.8910	sqm		4200.0000	7942.20	INR Seven Thousand Nine Hundred & Forty Two and Paise Twenty Only
5							
	APPENDIX E-LANDSCAPING						
5.01	od64025/2020_2021 : Supply and Plantation of Trees, Bamboos, Shrubs, and Hedge at site i/c watering
and
removal of unserviceable materials as per direction of officer in charge including cost of plant
watering
etc. complete.
Details cost of sapling and plantation for 100 nos (Based on actual
observation)	100.0000	each		880.0000	88000.00	INR Eighty Eight Thousand Only

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5.02	od64026/2020_2021 : Planting Champa Tree(Pterospermum acerifolium (Kanak Champa) - minimum height of brown stem - 10 feet, and green stem 2.5 feet tall, 6-7 fronds, healthy erect growing specimens) by Digging holes(.6x.6x.6) in ordinary soil and refilling the same with the excavated earth mixed with manure in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately)	75.0000	each		850.0000	63750.00	INR Sixty Three Thousand Seven Hundred & Fifty Only
6							
Appendix-F Electrical							
6.01	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	2.0000	point		11200.0000	22400.00	INR Twenty Two Thousand Four Hundred Only
6.02	1.14.3 : 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 required2 X 4 sq. mm + 1 X 4 sq. mm earth wire	10.0000	metre		250.0000	2500.00	INR Two Thousand Five Hundred Only
6.03	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 ampsmodular switch, connection etc. as required. (For light plugs to be used in non residentialbuildings).	1.0000	each		500.0000	500.00	INR Five Hundred Only
6.04	1.32 : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	1.0000	each		600.0000	600.00	INR Six Hundred Only

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6.05	1.33 : Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	2.0000	each		70.0000	140.00	INR One Hundred & Forty Only
6.06	90.3.22.3 : Supply & installation of light fittings on flat iron bracket Supply, conveyance, installation, testing and commissioning the light fittings of following types made of CRCA sheet of .5mm thickness complete with all accessories and lamps etc. directly on wall using 2 nos. flat iron brackets made from 25x6mm flat iron, painting the flat iron bracket and giving connections with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS or extending the original wiring and giving connection etc. as required.	2.0000	each		1300.0000	2600.00	INR Two Thousand Six Hundred Only
6.07	7.7.1 : Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	50.0000	metre		40.0000	2000.00	INR Two Thousand Only
6.08	od64027/2020_2021 : Supply of 10 sqmm 4 core PVC/XLPE insulated armoured cable with aluminium conductors for working voltages up to and including 1100 volts conforming IS 1584/part I/1988 for PVC IS 7098 part I for XLPE	50.0000	metre		120.0000	6000.00	INR Six Thousand Only
6.09	9.1.32 : 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 10 sq. mm (25mm)	4.0000	set		300.0000	1200.00	INR One Thousand Two Hundred Only
6.1	90.11.1.14 : 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		6500.0000	6500.00	INR Six Thousand Five Hundred Only

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6.11	2.13.2 : Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps	1.0000	each		1000.0000	1000.00	INR One Thousand Only
6.12	2.15.3 : Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps	1.0000	each		3500.0000	3500.00	INR Three Thousand Five Hundred Only
6.13	2.10.4 : 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	2.0000	each		1000.0000	2000.00	INR Two Thousand Only
6.14	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	6.0000	each		260.0000	1560.00	INR One Thousand Five Hundred & Sixty Only
6.15	od64029/2020_2021 : Supply and fixing 63A TPN SF in sheet steel enclosue on wall using suitable fastners.	1.0000	each		4800.0000	4800.00	INR Four Thousand Eight Hundred Only
6.16	od64030/2020_2021 : Supply and fixing 63A HRC fuse base with fuse link in the existing meter board.	3.0000	each		175.0000	525.00	INR Five Hundred & Twenty Five Only
6.17	od64031/2020_2021 : Supply and fixing 63 A, 415 V, 2 way neutral link mounted on DMC/ SMC base in the existing meter board.	1.0000	each		175.0000	175.00	INR One Hundred & Seventy Five Only
6.18	od64032/2020_2021 : 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		5000.0000	5000.00	INR Five Thousand Only

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6.19	5.3 : 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. (but without charcoal/ coke and salt) as required.	2.0000	set		5500.0000	11000.00	INR Eleven Thousand Only
6.2	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.	20.0000	metre		270.0000	5400.00	INR Five Thousand Four Hundred Only
6.21	od64033/2020_2021 : Supply and laying of one number of 10 SWG Copper wire in existing trench.	50.0000	metre		51.0000	2550.00	INR Two Thousand Five Hundred & Fifty Only
6.22	od64034/2020_2021 : Supply, conveyance, installation, testing and commissioning of 10HP 3phase open well submersible motor pump set having a discharge of 3lps at a head of 90mtrs. (Texmo/KSB or equivalent	1.0000	each		55334.0000	55334.00	INR Fifty Five Thousand Three Hundred & Thirty Four Only
6.23	90.14.28.15 : S & F Motor starters of the following ratings	1.0000	each		5021.0000	5021.00	INR Five Thousand & Twenty One Only
6.24	14.8 : Providing and laying in position cement concrete 1 :3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc. including form work etc. as required.	1.5000	cum		6978.0000	10467.00	INR Ten Thousand Four Hundred & Sixty Seven Only
Total in Figures						4585722.41	INR Forty Five Lakh Eighty Five Thousand
Quoted Rate in Words				INR Forty Five Lakh Eighty Five Thousand Seven Hundred & Twenty Two and Paise Forty One Only			

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