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WORK N0 - 2

**Work Name : STATE PLAN 2017-18 CONSTRUCTION OF PROCUREMENT CENTRE AND MARKETING UNIT AT KVK
AMBALAVAYAL**

SCHEDULE OF WORKS

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
1	civil works					
1.01	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	91.5830	cum	174.1100	15945.5161	INR Fifteen Thousand Nine Hundred & Forty Five and Paise Fifty Two Only
2	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)	9.0720	cum	6190.5900	56161.0325	INR Fifty Six Thousand One Hundred & Sixty One and Paise Three Only

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3	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	14.5390	cum	8592.1000	124920.5419	INR One Lakh Twenty Four Thousand Nine Hundred & Twenty and Paise Fifty Four Only
4	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)	16.1290	cum	9878.3500	159327.9072	INR One Lakh Fifty Nine Thousand Three Hundred & Twenty Seven and Paise Ninety One Only
5	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, with1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).	38.3370	cum	10217.0400	391690.6625	INR Three Lakh Ninety One Thousand Six Hundred & Ninety and Paise Sixty Six Only
6	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	7215.8460	kilogram	78.2400	564567.7910	INR Five Lakh Sixty Four Thousand Five Hundred & Sixty Seven and Paise Seventy Nine Only

7	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.	49.5000	cum	173.8400	8605.0800	INR Eight Thousand Six Hundred & Five and Paise Eight Only
8	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	56.8810	sqm	268.1200	15250.9337	INR Fifteen Thousand Two Hundred & Fifty and Paise Ninety Three Only
9	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.	120.0000	sqm	523.3800	62805.6000	INR Sixty Two Thousand Eight Hundred & Five and Paise Sixty Only
10	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	147.9620	sqm	474.0200	70136.9472	INR Seventy Thousand One Hundred & Thirty Six and Paise Ninety Five Only
11	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	57.3600	sqm	646.7600	37098.1536	INR Thirty Seven Thousand & Ninety Eight and Paise Fifteen Only

12	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	264.1680	sqm	583.7900	154218.6367	INR One Lakh Fifty Four Thousand Two Hundred & Eighteen and Paise Sixty Four Only
13	15.9.2 : Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in- Charges:In cement mortar	4.5000	cum	1390.2800	6256.2600	INR Six Thousand Two Hundred & Fifty Six and Paise Twenty Six Only
14	50.6.1.1 : Solid block masonry using pre cast solid blocks (factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 20 cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	5.6930	cum	5176.6000	29470.3838	INR Twenty Nine Thousand Four Hundred & Seventy and Paise Thirty Eight Only
15	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 1:6 (1 cement: 6 coarse sand) etc complete.	42.5150	cum	5657.9500	240547.7443	INR Two Lakh Forty Thousand Five Hundred & Forty Seven and Paise Seventy Four Only
16	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)	0.0450	cum	7578.2500	341.0213	INR Three Hundred & Forty One and Paise Two Only

17	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	659.7030	sqm	239.0900	157728.3903	INR One Lakh Fifty Seven Thousand Seven Hundred & Twenty Eight and Paise Thirty Nine Only
18	50.13.1 : 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete	305.2590	sqm	223.4000	68194.8606	INR Sixty Eight Thousand One Hundred & Ninety Four and Paise Eighty Six Only
19	13.7.1 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)	238.9200	sqm	313.5300	74908.5876	INR Seventy Four Thousand Nine Hundred & Eight and Paise Fifty Nine Only
20	od597/2018_2019 : White cement priming coat over newly plastered surface after cleaning the surface	1203.8820	sqm	16.0400	19310.2673	INR Nineteen Thousand Three Hundred & Ten and Paise Twenty Seven Only
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	72.0000	kg	144.6700	10416.2400	INR Ten Thousand Four Hundred & Sixteen and Paise Twenty Four Only

22	21.1.1.2 : Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately):For fixed portionPowder coated aluminium (minimum thickness of powder coating 50 micron)	17.2800	kg	531.5300	9184.8384	INR Nine Thousand One Hundred & Eighty Four and Paise Eighty Four Only
23	21.1.2.1 : For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately)Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)	25.2000	kg	573.7700	14459.0040	INR Fourteen Thousand Four Hundred & Fifty Nine Only

24	21.3.1 : Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in - Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness	3.6000	sqm	1025.0500	3690.1800	INR Three Thousand Six Hundred & Ninety and Paise Eighteen Only
25	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	59.4000	sqm	2545.5500	151205.6700	INR One Lakh Fifty One Thousand Two Hundred & Five and Paise Sixty Seven Only

26	10.28 : Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	35.2000	kg	653.0500	22987.3600	INR Twenty Two Thousand Nine Hundred & Eighty Seven and Paise Thirty Six Only
27	17.7.1 : Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	1.0000	each	3177.5200	3177.5200	INR Three Thousand One Hundred & Seventy Seven and Paise Fifty Two Only
28	50.18.9.14.1 : 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 10 Kgf/cm ² - External work- Exposed on wall	25.0000	metre	250.8100	6270.2500	INR Six Thousand Two Hundred & Seventy and Paise Twenty Five Only

29	50.18.7.4.2 : 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 32 mm dia 6 Kgf/cm2 - internal work- Exposed on wall	7.0000	metre	224.8300	1573.8100	INR One Thousand Five Hundred & Seventy Three and Paise Eighty One Only
30	50.18.7.3.1 : 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 25 mm dia 12 Kgf/cm2 - Internal work - Exposed on wall	7.0000	metre	217.5400	1522.7800	INR One Thousand Five Hundred & Twenty Two and Paise Seventy Eight Only
31	18.54.2 : Providing and fixing PTMT bib cock of approved quality and colour.15 mm nominal bore, 122 mm long, weighing not less than 99 gms	1.0000	each	199.0000	199.0000	INR One Hundred & Ninety Nine Only
Total Estimated cost in Figures					2482173	
Quoted Rate in Figures					2482173	
Quoted Rate in Words		INR Twenty Four Lakh Eighty Two Thousand One Hundred & Seventy Two and Paise Ninety Seven Only				

Signature of Tenderer with seal