Tender Inviting Autority: CDM & PHO Kandhamal.					
NAME OF THE PROJECT:- CONSTRUCTION OF DAY CARE SUBCENTRE - CUM - HEALTH & WELLNESS CENTRE AT BASTINGIA UNDER CHAKAPADA BLOCK OF KANDHAMAL DISTRICT FOR THE YEAR 2021-22					
Amount put to tender Rs.	2,369,484.00				

SCHEDULE OF WORKS

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT
				Figure	Words	Rs. P
	CIVIL WORK					
1	Earth work in excavation of foundation in hard or gravel soil with initial lead and lifts including dressing and leveling the bed and depositing the excavated earth at places away from work site with all leads and lifts including cost of all labour, cess and T&P and dewatering if required for the work etc. Complete as directed by the Engineer-in charge					
1.01	Ground Floor	69.51	Cum	188.77		13121.40
2	Supplying & filling good clean river sand inside the foundation / plinth of approved area including watering to complete saturation & ramming complete with all leads & lifts including cost, conveyance, royalty, cess & taxes of all materials & cost of all labour & T&P required for the work complete (measurement will be taken for compacted section) as per direction of Engineer-in-Charge.					
2.01	Ground Floor	57.16	One Cum	759.78		43429.02
3	Cement Concrete of proportion (1:3:6) in foundation and floors using 4cm size clean hard black broken granite stone metal of approved quality and from approved quarry including hosting lowering and laying concrete in layers not exceeding 15cm thick to the required level ramming,					
3.01	Ground Floor	17.94	One Cum	4958.80		88960.87
4	RCC of design mix of M-20 grade of controlled qulity having cube strength of 250kg./cm2 in design mix with minimum quantity of cement as specified in IRC Code of 150 mm. cubes at 28 days curing after mixing & tests conducted in accordance with relevant clauses of IS 456/IS 516/IRC 16/1987/IRC-78/1983 using crusher broken hard granite course aggregate of 10 mm. to 20mm. sizes & proportion as specified in clause-302.6.2 of IRC 21/1987, IS-10262 & subject to mix design in conformity with the grading & proportion of different materials for concrete as specified in the relevant codes of approved					
4.01	Column Base & Grade Beam (Ground Floor)	12.94	One Cum	5633.28		72894.64
4.02	Column in Super structure (Ground Floor)	6.41	One Cum	12806.97		82092.68
4.03	column First Floor	1.63	One Cum	14355.83		23400.00
4.04	Plinth Band/Grade Beam	3.68	One Cum	5988.31		22036.98
4.05	Lintel (Ground Floor)	2.49	One Cum	9168.99		22830.79
4.06	Wall Beam & T-Beams(Ground Floor)	5.34	One Cum	12806.97		68389.22
4.07	Roof Beam First Floor	0.77	One Cum	14355.83		11053.99
4.08	Chajja & fins (Ground Floor)	3.03	One Cum	827.36		2506.90
4.09	Chhaja First Floor	7.02	One Cum	927.01		6507.61
4.1	Stair case (Ground Floor)	1.53	One Cum	10860.50		16616.57
4.11	Roof Slab (Ground Floor)	7.99	One Cum	9763.84		78013.08
4.12	First Floor Slab	1.84	One Cum	10704.08		19695.50

5	Supply of HYSD bars confirming to approved grade cutting bending , binding, lapping, splicing, welding etc. (conforming to ISI specification) & jointing if necessary by lapping & tying the grills & placing in position as required for RCC works as per the approved design, hoisting, lowering & laying position including cost & conveyance, Cess of tor steel & binding wires of 18 to 20 gauge (as approved by the Deptt.) etc. complete (Weight of binding wire shall not be considered for payment at all which will be bome by the contractor (standard CO-efficient of different size of the steel shall be considered & welding & lapping should confirm to relevant clause of IRC - 21/1987) as per direction of the Engineer in charge.					
5.01	Ground Floor	43.56	One Qtl	8,924.31		388742.94
5.02	First Floor	5.94	One Qtl	8,947.94		53150.76
6	Brick work with Flyash Bricks 25cm x 12cm x 8cm size having crushing strength not less than 75Kg/cm2 with dimensional tolerance ±2 percent in cement mortar (1:6) in Foundation including watering curing, cost of carriage, royalty and taxes of all materials, cost of all labour, etc complete as per the direction of E.I.C.					
6.01	Ground Floor	19.31	One Cum	3,904.30		75392.03
7	Brick work with Flyash Bricks 25cm x 12cm x 8cm size having crushing strength not less than 75Kg/cm2 with dimensional tolerance ±2 percent in cement mortar (1:6) in Foundation including watering curing, cost of carriage, royalty and taxes of all materials, cost of all labour, etc complete as per the direction of E.I.C. (in Super Structure)					
7.01	Ground Floor	37.38	One Cum	4,297.84		160653.26
7.02	First Floor	9.15	One Cum	4,562.71		41748.82
8	12mm thick cement plaster (1:4) over brick work including cement punning and Bitumen painting on top including, watering and curing with cost and conveyance of all materials and labour, cess with T&P required for the work with all taxes and royalties , Cess etc. complete in all respect in all floors as per direction of the Engineer in charge.					
8.01	Ground Floor	141.97	One Sqm	146.90		20855.39
8.02	First Floor	59.06	One Sqm	152.38		8999.27
9	16mm thick C.P. (1:6) over brick masonary to the smooth surface including watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, etc complete as per the direction of E.I.C.					
9.01	Ground Floor	507.47	One Sqm	207.68		105391.37
9.02	First Floor	21.92	One Sqm	212.56		4659.36
10	Supplying, fitting and fixing Vitrified tile in floors of approved make conformaing to IS:13755 laid on 20 mm thick cement mortar (1:4) and filling joints with white cement of approved quality including cost of all materials, etc. required for the work all complete as per direction of E.I.C.					
10.01	Ground Floor	88.20	One Sqm	975.15		86008.23

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11	Fixing tiles in dados skirting and risers of steps on 12mm thick CP (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.					
11.01	Ground Floor	61.61	One Sqm	1,022.57		63000.54
12	Priming 1 coat with wall primer water bond cement primer including all labour, materials etc. complete.					
12.01	Ground Floor	587.83	One Sqm	58.51		34393.93
12.02	First Floor	59.06	One Sqm	60.94		3599.12
12.03		21.92	One Sqm	59.97		1314.54
13	Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint etc complete.					
13.01	Ground Floor	445.86	One Sqm	77.33		34478.35
13.02	First Floor	21.92	One Sqm	78.90		1729.49
14	Wall painting two coat with any approved weather coat paint including cost of all materials, labour and T&P require for the work etc. complete as directed by the E.I.C.					
14.01	Ground Floor	141.97	One Sqm	71.07		10089.81
14.02	First Floor	59.06	One Sqm	73.67		4350.83
15	Supplying of M.S. Door, Window with grills, Grills made out of M.S. Angle frame, M.S. Flat, Sheet etc of approved section & design, electrically welded properly with all necessary locking arrengement, and 1 coat red oxide primer including cost of all materials, labour charges, carriage of materials to site etc. complete.					
15.01	Ground Floor	195.08	kg	76.15		14855.25
15.02	Ground Floor	311.10	kg	80.29		24978.22
15.03	First Floor	296.76	kg	76.15		22598.33
16	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless aquare pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxses of all material, cost of all labour etc. complete in all respect.					
16.01	Ground Floor	4.50	Rmt	3,682.09		16569.41
17	Supplying and fitting-fixng of Un-plasticised Poly Vinyl Chloride (UPVC) (FENESTA/ NCL VERA LTD Casement Door - 60- Series duly manufactured using UPVC reinforeced profiles of 60mm x 55 mm x 25 mm for outer frames, 102 mm x 80 mm for casement Door Sash Profle and 74 mm x 60 mmx2 5mm mullion profile capable of mounting single glazing system structurally reinforced with hot dip galvanised up to 50 microns of minimum thickness of 2.0 mm prefabricated & welded through fusion welding the door sash shall be fited with 12mm thick WPC Board of Greenply make duly fixed with EPDM weathering seal resistant accessories like cliping locking system made of aluminium 1 No per set of sashes and the system is to be installed at the side using anchor fasteners, silicone rubber sealant, easy glazing / deglazing at side etc.including cost andconveyance of all materials conforming to ASTM D 638-421477-95 and the applicable codes and standards.As per specification approved by the Department & as per derection of the E.I.C . SE No 16100 dt 05/05/2020 .					
17.01	Ground Floor	12.31	One Sqm	8,963.00		110334.53

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18	Supplying, fitting, fixing up window (sliding type) made up aluminum Section 151-154, 151-155, as windows frame section No. 151- 155, 151-153 and 151-167 as shutter framewith 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting includingcost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.					
18.01		11.48	One Sqm	5,767.46		66210.44
19	Painting two coats with approved enamel paints of approved colour, shade over a coat of primer including sand papering, polishing the surface, cost, conveyances of all materials and cost of all labour etc, complete as per specification & direction of E.I.C.					
19.01	Ground Floor	18.03	One Sqm	135.06		2435.13
19.02	First Floor	7.88	One Sqm	135.06		1064.27
20	25mm thick CC 1:2:2 with 6mm size CB chips for grading concret over roof slab etc. complete.					
20.01	Ground Floor	98.13	One Sqm	313.95		30807.91
20.02	First Floor	14.71	One Sqm	341.81		5028.03
21	Branding	250.00	One Sqm	40.00		10000.00
						1974988.83
Total estimated cost in Figures		CIVIL WORK				1974989.00
		EI WORK				197213.00
		PH WORK				197282.00
		TOTAL				2369484.00

(Rupees Twenty three lakh sixty nine thousand four hundred Eighty four only)

Asst. Engineer
NHM,Kandhamal

CDM & PHO
Kandhamal

My Quoted rate is ..... % (Both in Figure and words) excessover/ Less than/ Equal to to the Estimated Cost

Signature of the Contractor

Notes:
(1) The contractor should not write any thing except quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
(2) Strike out which are not applicable.

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PH WORK					
Sl No	Description of items	Qty	Unit	Rate	Amount
1	**Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor IS marked galvanised mild steel tubes (medium grade) confirming to IS: 1239/1990, part-1 of the following nominal bore, tube fittings and clamps including making good the wall, ceiling and floor, testing all complete as per specification and direction of the Engineer in charge**				
	in Ground Floor				
a	25 mm dia G.I pipe	6.00	Mtr	294.40	1766.40
b	32 mm dia G.I pipe	6.00	Mtr	362.10	2172.60
	in First Floor				
a	25 mm dia G.I pipe	8.00	Mtr	298.60	2388.80
b	32 mm dia G.I pipe	9.00	Mtr	366.90	3302.10
c	32 mm dia G.I pipe	11.00	Mtr	372.40	4096.40
d	40 mm dia G.I pipe (For inter Connection)	11.50	Mtr	450.90	5185.35
2	**Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor C-pc pipes and pipe fittings of the following nominal borewith clamps including making good the wall testing all complete as per specification and direction of the Engineer in charge**				
	In ground floor				
a	20 mm C-PVC pipes	6.00	Mtr	198.30	1189.80
b	25mm C-PVC pipes	9.00	Mtr	276.20	2485.80
	in First Floor				
a	20 mm C-PVC pipes	6.00	Mtr	203.50	1221.00
b	25mm C-PVC pipes	8.00	Mtr	281.40	2251.20
3	**supplying all materials, labour, T&P and cutting holes through existing brick work including making good the damages in cement mortar (1:4) for taking G.I. Pipes and fittings/ P.V.C. pipes and fittings etc. all complete as per P.H. specification and direction of E.I.C**				
a	250 mm thick wall in GF	6.00	Each	32.20	193.20
b	251 mm thick wall in GF	3.00	Each	32.80	98.40
4	**supplying all materials, labour, T&P and cutting holes in R.C.C. floors, roofs, erc. up to 19 Cm. thick for passing G.i. Pipes and fittings/ P.V.C. pipes and fittings etc. and reparing the holes after insertion of pipes etc. with cement concrete (1:2:4) including finishing complete so as to make it leak proof as per direction of E.I.C.**				
	In ground floor	3.00	Each	104.00	312.00
5	**Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.**				
	In ground floor	6.00	Mtr	131.10	786.60
6	**Supplying all materials, labour T&P and fitting and fixing brass/CP fittings of the following nominal bore with supply of all joiniting materials complete as per specification and direction of the Engineer in charge**				
a	15mm dia Cp Long body bib cock jaquar make)	5.00	Each	875.30	4376.50
b	15mm dia CP angle stop cock (jaquar make)	5.00	Each	612.70	3063.50
c	20mm dia CP concealed stop cock (jaquar make)	2.00	Each	919.00	1838.00
d	25mm dia brass or gun metal full way valve(shaktimake)	3.00	Each	909.90	2729.70
e	32 mm dia brass or gun metal full way valve(shakti make)	2.00	Each	1331.40	2662.80
f	15mm dia CP Flange	5.00	Each	40.30	201.50
g	15mm dia CP Extention Nipple	6.00	Each	59.30	355.80
7	**Supplying all materials, labour, T&P and 67 with 15mm or 20mm inlet fitting and fixing CP shower specification and direction of the including Engineer polishing in charge all complete as per**				
	15mm dia CP revolving shower with 15mm x 225mm a shower arm long size CP Shower Arm	2.00	Each	458.30	916.60

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8	**Supplying all materials, labour, T&P and Fixing Rotational Moulded Polyethelene cylindrical water stroage tanks conforming to IS 12701-1996 including cutting holes through the tank and fixing miled steel tubes and fittings and providing extra socket and jam Nuts, Fixing Valves etc, including hoisting upto a height of 5 mtr above ground level and placing the tank to the required position and providing**				
	1000 litre capacity water storage tanks on roof of SF(without staging)	1.00	Each	8711.30	8711.30
9	**Supplying soil waste ventilating all materials, pipes labour, and fittings T&P and of the fitting following and fixing outside U-PVC diameter SWR conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of the engineer in charge**				
	110mm diameter U-PVC SWR pipes(Supreme/Ashirvad)	9.00	Mtr	284.20	2557.80
	75mm diameter U-PVC SWR pipes(Supreme/Ashirvad)	5.00	Mtr	153.70	768.50
	110mm U-PVC door Tee	3.00	Each	137.20	411.60
	110mm U-PVC offset	3.00	Each	115.20	345.60
	110mm U-PVC door bend	6.00	Each	131.70	790.20
	110mm U-PVC plain shoe bend	2.00	Each	186.50	373.00
	110mm U-PVC cowl	2.00	Each	38.40	76.80
	110mm P-trap	1.00	Each	225.00	225.00
	75mm U-PVC plain Tee	1.00	Each	65.90	65.90
	75mm U-PVC plain bend	3.00	Each	49.40	148.20
10	**Supplying all materials,labour T&P and cutting holels through existing Drick or laterite masonry wall for taking H.C.I pipes and fittings including making good the damages etc. all complete as per P.H.Specification and direction of the Engineer in charge**				
	250mm to 375mm thick wall	6.00	Each	136.50	819.00
11	**Supplying all materials, labour T&P and and fixing 10 liters capacity low level flushing cistern with a pair of cast iron or M.S. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float CP brass handle,unions and Couplings for connection with inlet, outlet and overflow pipes, 32mm dia Cp Long flush bend, 15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistren and closet and connceting the inlet pipe with suupply main etc all complete as per the specification and direction of the Engineer in charge**				
	10 litres Capacity PVC cistren with 32mm dia flush bend (Parryware/Hindware/Neycer/Rak)	2.00	Each	1279.90	2559.80
12	**Supplying all materials, labour, T&P and fixing vitreous china water closet, squattingpan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:5:10) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest, fixing 100mm dia HCl 'p' or 's' trap (with/without 50mm dia horn) for water colset squatting pan including jointing the trap with pan in cement mortar (1:1) cutting the floor and mending good the damages etc all complete as per specification and direction of the Engineer in charge**				
	580mm size Orissa pan(Parryware/Hindware/Neycer/Rak)	1.00	Each	2080.10	2080.10
13	**Supplying all materials,labour,T&P and fixing the following vitreous china wash down water closet(European type W.C.pan) with integral 'P or 'S' trap to the illor with wooden plugs and chromium plated pedestal screws including jointing the trap with soil pipe in cement mortar(1:1)fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers including polishing etc.all complete as per specification and direction of the Engineer-incharge.**				

	European water closet with 'P trap plain(Parryware/Hindware/Neycer/Rak)	1.00	Each	2427.90	2427.90
14	**Supplying all materials, labour, T&P and fixing laboratory sink with outlet at end and weir overfiow including fitting and fixing a pair of cast iron or MS brackets painted white, fixing 50mm/40mm dia CP brass waste fixing 50mm/40mm dia PVC waste pipe 910mm long with supply of wooden plugs,screws and cement etc including cutting holes in walls and making good the damages etc all complete as per specification and direction of the Engineer in charge.**				
	600mmx450mmx200mm size Stainless steel Sink	1.00	Each	2336.40	2336.40
15	**Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with cast iron or M.S.brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc, fixing pedestal for wash basin recessed**				
	550mmx400mm W.H.basin with porcelain pedestal & Jaquar make fittings(Parryware/Hindware/Neycer/Rak)	2.00	Each	3720.50	7441.00
16	**Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C.sheet or plywood sheet and fixed to WOoden plugs with CP screws and washers complete as per specification and direction of the Engineer in charge**				
	600mmx450mm size B.E.mirror	2.00	Each	567.00	1134.00
17	**Supplying all materials, labour, T&P and fixing standard size glassshelf with CP brass brackets and guard rails complete fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge**				
	600mmx125mm glass shelf with CP/NP guard rails	2.00	Each	524.80	1049.60
18	**Supplying all materials, labour, T&P and fixing standard sized CP towel rail complete with CP brass brackets fixed to wooden plugs with CP SCrews as per specification and direction of the Engineer in charge**				
	25mmx600mm long CP towel rail	2.00	Each	648.10	1296.20
19	**Supplying all materials, labour, T&P and fixing CP soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge**				
	CP soap holder	2.00	Each	142.10	284.20
20	**Supplying all materials, labour, T & P and constructing Gully trap chamber of the following inside size with 8 cm thick R.C.c. precast cover slab in CC (1:2:4) mix using 12mm size h.g. chips, foundation concrete (1:4:8) using 40mm sizeh.g. metal on bed aound trap, K.B. brickwork in CM (1:6) in P&F and inside 12mm thick cement plastering (1:3) finished ith a floating coat of neat cement including fixing 100mm x100mm size gully trap, 150mm x150mm C.I gratig etc. all complete as per aproved drawing, specification and direction of Engineer in charge**				
	250mmx250mm with RCC cover	1.00	Each	1803.53	1803.53
21	**Supplying all materials, labour, T & P and constructing Inspection chamber of the following inside size with CC (1:3:6) mix using 40mm size h.g. metal on bed, Ist class K.B. brickwork in CM(1:6), moulding and shaping the channel inside and benching with CC (1:2:4) using 12mm size h.g. chips, 12mm thick cement plastering (1:3) finished with punning to inside,cementflush pointing (1:3) to outside, R.C.C. cover slab in (1:2:4) using 12mm size h.g. chips with RCC man hole cover, earth work in excavation in all kinds of soil and refilling the cavity around the chamber including watering ,curing, conveyance of all materials to worksite, payment of royality, taxes etc. all complete as per aproved drawing, specification and direction of Engineer in charge**				
	Inside size 760mm x760mm x460mm	1.00	Each	6503.06	6503.06

22	Labour for drilling a perfectly vertical bore hole of specified dia for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rig or combination rig as required to suit the site condition as per the direction of the Engineer in charge including use of own rig with its accessories, tools and plant and consumables etc for lowering of 125mm/100mm dia G.II/P.v.C/M.S casing pipes for housing fitted with socket and with or without well screen as per the necessity for soft, medium, hard and boulder formation(G./P.V.C/M.S casing pipes if required to prevent collapse of overburden is to be provided by the contractor including lowering and withdrawing after completion of the tube well), 200mm dia to 400mm dia in overburden portion including packing of gravel supplied by the contractor for 400mm dia bore only				
	Drilling of 200mm dia bore 0mtr to 30 mtr	30.00	Mtr	540.50	16215.00
	Drilling of 150mm dia bore 31mtr to 60mtr	30.00	Mtr	540.50	16215.00
23	Lowering the following size of G.I/P.V.C/M.S housing pipes with or without slotted pipes as per the necessity from ground level up to0 46.00m depth and fitted and fixed up in perfectly vertical position ncluding cutting and threading of pipes and slotted pipes and upplying and fixing all jointing materials, tools and plant etc all Complete and keeping the top of casing pipe threaded including9 Plugging tube wells to prevent entry of foreign materials.				
	Lowering of 125 mm dia GI/P.V.CMS casing pipes 0 mtr to 45 mtrs	30.00	Mtr	138.20	4146.00
	Cost of 125mm dia P.V.C schedule-80 pipe	30.00	Mtr	950.80	28524.00
24	Cleaing and developing the tube well with supply ofcompressor By DTH/Rotary Rig	1.00	Each	4994.50	4994.50
25	Supplying all materials and labour,tools and plant and providing sanitary sealing by cement concrete grouting ofannular spacearound GI/PVCIMS housing pipe upto 5 mtrs below ground level(as per drawing)to plug the bore hole excluding cost of cement all complete as per direction of the Engineer in charge. Minimum one metre of casin9 pipe to be inserted in the bore into the rockthe bottom to ensure sanitary sealing(excluding cost of cement which willbe supplied by the Department).				
	Sanitary sealing upto 5mtrs below ground level.	1.00	Each	789.80	789.80
	CC(1:2:4)with 12mm chips for grouting upto 5 mtr.Depth in sanitary	0.20	cum	5368.00	1073.60
26	Supplying all materials, labour, tools and plant and withdrawing casing pipesfrom the unsuccessful boreand depositingin the departmental storein good condition.				
	Withdrawal of casing pipes	45.00	Mtr	199.50	8977.50
27	Supply and fitting &fixing of I.S.I make 1.00 HP single phase submersible Pump set to give discharge of 3000 ltr / hour	1.00	Each	15849.15	15849.15
28	Supply and fitting &fixing of I.S.I make 1.00 HP single phase submersible Pump with commissioning and testing	1.00	Each	1475.00	1475.00
29	Supply and fitting &fixing of HDPE Pipe and fiting with CP Nippling and lowering to bore well making connection to pump set &testing etc	50.00	Mtr	119.50	5975.00
30	Supply and fitting &fixing of sustable cable and connecting the Pump	50.00	Mtr	71.70	3585.00
31	Supply and fitting &fixing of Plastic rope M.s cover cap etc	1.00	Each	1660.00	1660.00
				Total	197282.29
				Say RS	197282.00

E.I. WORK

Sl. No.	Description of Items	Unit	Qnty	Rate		Amount
1	Recessed wiring to light point with 1.5 sq.mm FR PVC insulatedsingle core multistrand copper conductor of ISI marked with 20 mm dia non-metalic PVC flexible conduit with 5Amp, 250 V piano type modular switch ISI marked and ceiling rose ISI marked mounted on MS box having front ***Modular*** base & cover of suitable size , MS box with 1 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex/ L&T / Anchor / Havels /HPL/ V Guard)					
a	-do- Group A	Point	15	463.38	□	6,950.67
b	-do- Group B	Point	9	688.68	□	6,198.11
c	-do- Group C	Point	8	970.14	□	7,761.08
2	Recessed wiring to Fan Point in...					
	-do- Group B	Point	6	688.68	□	4,132.07
3	Recessed wiring to Call Bell Point in...					
	-do- Group C	Point	1	970.14	□	970.14
4	Recessed wiring to Exhaust Fan Point in.....					
	-do- Group B	Point	3	688.68	□	2,066.04
5	S/F of Angle holder replacing Ceilling Rose	Each	14	15.98	□	223.72
6	S/F of 5A. Modular Switch & 5A. Modular Socket outlet of ISI marked on existing board	Each	8	222.54	□	1,780.32
7	S/F of extension board of 6 modular Metal box with modular base & cover in recess including providing and fixing of 2 nos of 3pin 5/6amp modular socket out let & 2 nos of 5/6 amp piano type modular switch, connection, painting etc as required.	Each	6	763.97	□	4,583.82
8	S/F of Power point with 4 modular metal box with modular base & cover in recess including providing and fixing of 5 pin 15/16 amp. piano type Modular switch & Socket, connection, painting etc as required	Each	4	636.08	□	2,544.32
9	S/F of Power point with 4 modular & 2 modular metal box with modular base & cover in recess including providing and fixing of 5 pin 15/16 amp. piano type Modular switch & Socket & Mini DP MCB, connection, painting etc as required for **AC**	Each	1	1257.02	□	1,257.02
10	S/F of 1 no of 5 pin 15/16 amp. Socket , 1 no of switch & 1 no of 15/16A top with modular mini MCB, in 6 modular box with cover with connection, painting etc as required for **Inverter connection**	Each	1	1174.01	□	1,174.01
11	S/F of 18 SWG Modular metal box of following sizes (Nominal size) in recess with suitable size of Modular base & cover in front including cutting the wall and making good the same in case of recessed conduit as required.					
a	2 Modular box with base & cover	Each	2	212.95	□	425.90
b	4 Modular box with base & cover	Each	1	260.24	□	260.24
c	6 Modular box with base & cover	Each	1	318.89	□	318.89
d	8 Modular box with base & cover	Each	2	360.83	□	721.66
e	12 Modular box with base & cover	Each	7	473.49	□	3,314.43
12	Wiring for circuit / sub-main wiring along with earth wire with following sizes of PVC insulated single core					
a	2x1.5+1x1.0 (1.8)	Mtrs	43	125.05	□	5,377.15
b	2x1.5+1x1.5 (1.8.1)	Mtrs	96	126.07	□	12,102.72
c	2x2.5+1x1.5 (1.8.2)	Mtrs	92	140.03	□	12,882.76
d	2x4+1x1.5 (1.8.3)	Mtrs	85	157.41	□	13,379.85
e	2x6+1x2.5 (1.8.4)	Mtrs	72	188.49	□	13,571.28
F	Inverter wiring (1x1.5smm) Copper wire (1.19.1)	Mtrs	75	45.83	□	3,437.25
13	S/F of 'B/C/D' series SP MCB of 5 - 32A amp rating (As per direction of engineer in charge) 240Volt for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP) (2.6.1)	Each	8	130.16	□	1,041.28
14	S/F of 'B/C/D' series DP MCB of 5 - 32A amp rating (As per direction of engineer in charge) 240Volt for lighting and other loads in the 2 Way double door MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required (2.6.2a)+(2.3.1b)	Each	2	358.55	□	717.10
15	Supply, Installation testing & commissioning of Main Switches (IS13940 part 3/1993) of following coopacity on existing surface/wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer Incharge (Make-Seimens/HPL/Anchor/L&T /Havels/C&S/R. K.)					
	S/F of MCB 8 way Double door (2.3.6)	Each	2	1621.24	□	3,242.48
16	Earthing with G.I. Earth pipe 3 mtr Long 40mm dia ISI marked including accessories & providing masonary enclosure with cover plate having locking arrangement & watering pipe with charcoal & salt as required (3.2)	Set	1	2446.00	□	2,446.00
17	Supply & laying 6 SWG G.I. wire in recess for loop earthing as required (3.17)	Mtrs	8	50.77	□	406.16

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Sl. No.	Description of Items	Unit	Qnty	Rate	Amount
18	Providing & fixing plain 16/0.2mm twin twisted flexible, FR PVC insulated copper cable in polythene sleeve or conduit of suitable size on the floor/wall or side of the table/door etc as required.(1.31)	Mtrs	4	18.00	72.00
19	Supply, Installation, Testing & Commissioning of exhaust fan upto 450 mm sweep in the exising opening, including making the hole to suit the size of the above fan making good the damaged complete, connection, etc as required. (1.43)	Each	2	1970.33	3,940.66
20	S/F of Call bell/Buzzer(Ding dong type) ISI marked suitable for DC/AC single phase 230 volts complete as required. (1.30)	Each	1	120.00	120.00
21	S/F of 18-25Watt L.E.D Tube light fitting with all accessories and connections (Make:HPL-Neptune Havells-Elite LED Pride Plus/PAC/Crompton-RetroPLL	Each	14	683.00	9,562.00
22	Supply of 1200mm A.C. Ceiling fan with all accessories and connections with out fan regulator (Make:Usha-Striker Millenium/Crompton-Jura /Anchor-XL/Havels-Velocity/Spark/Orient-Summer pride)	Each	7	2425.00	16,975.00
23	S/F step type fan regulator	Each	7	377.00	2,639.00
24	Supply & fixing of superior type C.I bulk head fitting with 9W Led Bulb for general domestic use ISI marked square / oval type with premetallic glass cover provided with galvanized steel wire guard including necessary connections. (M-5)	Each	1	587.00	587.00
25	Supply & Fixing of 20-25Watt single L.E.D street light fitting with LED & Electrinic driver including all accessories and connections (Make:Crompton/Phillips/HPL/Polycab/Havells)	Each	1	2878.00	2,878.00
26	Supply & Fixing of 30-35Watt single L.E.D street light fitting with LED & Electrinic driver including all accessories and connections (Make:Crompton/Phillips/HPL/Polycab/Havells)	Each	1	3402.00	3,402.00
27	Supply & Fixing of 45-48 Watt single L.E.D street light fitting with LED & Electrinic driver including all accessories and connections (Make:Crompton/Phillips/HPL/Polycab/Havells)	Each	1	5706.00	5,706.00
28	S/F of electronic 9w Watt LED Bulb	Each	12	169.65	2,035.80
29	S/F of fan hook 'S' type made of 16 mm MS rod for fixing in the Existing RCC Roof.	Each	7	241.00	1,687.00
30	S/F of 6 sqmm twin core unbonded aluminium service connection wire with no.10 G.I. Guard wire to support the aluminium wire	Mtrs	45	42.00	1,890.00
31	S/F of 5KVA stabilizer 110V to 230V(V guard/ Shakti) with angle frame to rest the stabilizer	Each	1	17024.00	17,024.00
32	Provision of 40mm dia HDPE pipe for laying & protection of cable	Mtrs		120.00	-
33	S/F of Main incoming switch box i) 63A DP MCCB-1 no ii) 63A DP RCCB- 1no iii) 275V,20KA SPD 1no iv) 63A Bus bar	LS	1	15408.00	15,408.00
				TOTAL	197,212.92
				Say RS	1,97,213.00

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