

**Schedule of Item For Construction for Development Work of 6.50 Acre Land At Atal Vihar Yojna Bandhi Dist -
Gourella Pendra Marwahi**

CIVIL WORK

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.			
1	1.1.1	In all types of soils.	cum	185.00	Rupees One Hundred EightyFive Only
2	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	sqm	7.20	Rupees Seven Paise Twenty Only
	1.6	Extra for every additional lift of 1.5 m or part thereof.			
3	1.6.1	All types of soils	cum	26.50	Rupees TwentySix Paise Fifty Only
	1.6	Extra for every additional lift of 1.5 m or part thereof.			
4	1.6.2	Ordinary or hard rocks	cum	47.50	Rupees Fourty Seven Paise fifty Only
5	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in each deposited layer by ramming and watering with	Cum	65.00	Rupees SixtyFive Only
6	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	371.00	Rupees Three Hundred SeventyOne Only
	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:			
7	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	139.00	Rupees One Hundred ThirtyNine Only
8	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	297.00	Rupees Two Hundred NinetySeven Only
9	2.1.7	Suspended floors, roofs, access Kitchen Platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	235.00	Rupees Two Hundred ThirtyFive Only
10	2.1.8	Beams, lintels, cantilevers & walls	sqm	202.00	Rupees Two Hundred Two Only
11	2.1.2	Wall of any thickness including attached pilasters, buttresses etc. in super structure.	sqm	228.00	Two Hundred Twenty-Eight
12	2.1.3	Window sills, anchor blocks, string course, bends, copings, bed plates and like.	sqm	184.00	One Hundred Eighty-Four
13	2.1.13	Weather shade, chhajja, Cornices and mouldings	sqm	294.00	Rupees Two Hundred NinetyFour Only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.			
14	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	cum	2659.00	Rupees Two Thousand Six Hundred FiftyNine Only
	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.			
15	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	Cum	4163.00	Rupees Four Thousand One Hundred SixtyThree Only
	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:			
15		GF	cum	97.50	Rupees NinetySeven Paise Fifty Only
	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:			
16	3.12.1	Thermo-Mechanically treated bars FE 415 (Make:- Tata / Sail / Goel /Jindal /Gk or Equivalent)	Kg	54.50	Rupees FiftyFour Paise Fifty Only
	4.10	Providing and laying three course damp proofing treatment in water reservoir, sump, tank etc., with bitumen felt and blown type petroleum bitumen at the rate of 1.6 Kg/sqm 1st, 3rd course and 2nd course with tar felt including applying priming coat at the rate of 0.25 litre per sqm and fillets and rounding corners, wherever required, complete.			
17	4.10.1	Bitumen felt of type 2 grade 2 (Fibre base)	sqm	321.00	Rupees Three Hundred Twenty-One only
	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:			
18	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	3263.00	Rupees Three Thousand Two Hundred Sixty Three Only
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:			
19		GF	cum	121.00	Rupees One Hundred TwentyOne Only
	7.11	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:			
20	7.11.2	Cement Mortar 1:4 (1 cement : 4 coarse sand)	sqm	382.00	Rupees Three Hundred Eighty Two Only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
21	7.12	Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level;	sqm	11.00	Rupees Eleven Only
21	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.	each	72.50	Rupees SeventyTwo Paise Fifty Only
	8.13	Providing and fixing flush door shutters, conforming to IS 2202 (Part 1), interior grade, commercial type, core of block board construction with frame of first class hard wood and well matched commercial ply veneering with vertical grains, cross bands and face veneers on both faces of shutters excluding hinges.			
22	8.13.3	30 mm. thick (single leaf)	sqm	1197.00	Rupees eleven hundred ninety seven only
	8.132	Providing and fixing stainless steel butt hinges IS : 12817 marked with necessary stainless steel screws etc complete.			
23	8.132.2	125x2.5mm (heavy)	each	76.50	Rupees seventy six and fifty paise only
	8.137	Providing and fixing stainless steel sliding door bolts with 16mm rod, 2.5mm thick flap, necessary stainless steel nuts bolts and screws etc complete.			
24	8.137.2	250mm	each	228.00	Rupees two hundred twenty eight only
	8.138	Providing and fixing stainless steel door latch with 12mm rod, 2.5mm thick flap, necessary stainless steel screws etc complete.			
25	8.138.2	250mm	each	85.00	Rupees eighty five only
	8.139	Providing and fixing stainless steel tower bolts (Barrel type) with necessary stainless steel screws etc complete.			
26	8.139.1	250 x10mm	each	97.00	Rupees NinetySeven Only
	8.141	Providing and fixing Stainless steel "D" shape door handles made of 10mm dia rod with necessary stainless steel screws etc complete.			
27	8.141.3	125 mm	each	42.00	Rupees forty two only
28	9.14	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.	kg	79.50	Rupees seventy nine and fifty paise only
29	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	Kg	67.50	Rupees SixtySeven Paise Fifty Only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.			
30	9.16.2	Angle-iron frames	Kg	73.50	Rupees seventy three and fifty paise only
	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:)			
31	9.47.1	For fixed portion	Kg.	331.00	Rupees Three Hundred ThirtyOne Only
	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according			
32	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	Kg.	338.00	Rupees Three Hundred ThirtyEight Only
	9.48	Extra for powder coated (minimum 50 micron) aluminium sections instead of anodized.			
33		qty 9.47.2	Kg	27.00	Rupees TwentySeven Only
	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item);			
34	9.51.1	With float glass panes of 4 mm thickness	sqm	611.00	RupeesSix hundread eleven Only
	9.34	Providing and fixing stainless wire gauge of average width of aperture 1.56mm with wire of 0.35mm to existing steel door. window shutter frames with necessary M.S. strip beading etc. complete.	sqm	791.00	Rupees Seven Hundred Ninety one Only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
36	10.41	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design.	Mtr	68.00	Rupees SixtyEight Only
	11.1	Providing and making 6mm thick cement plaster of mix:			
37	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	87.00	Rupees EightySeven Only
	11.2	Providing and making 12mm thick cement plaster of mix:			
38	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)			
		Total 12mm Plaster	Sqm	91.50	Rupees NinetyOne Paise Fifty Only
	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:			
39	11.3.5	In Cement Mortar 1:5 (1 cement : 5 fine sand)			
		Total 15mm Plaster	sqm	113.00	Rupees One Hundred Thirteen Only
40	11.41	Providing and fixing chicken mesh weighting not less than 250 gms/sqm as per IS : specification in the required width with 40mm long steel nails on vertical and horizontal surface near R.C.C. and brick walls junctions including scaffolding and all lead and lifts etc. complete before plastering upto 10mts in height.	sqm	86.00	Rupees EightySix Only
41	11.5	Neat Cement punning.	sqm	33.00	Rupees ThirtyThree Only
	12.3	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.			
42	12.3.2	50 mm thick	sqm	254.00	Rupees two fifty four only
	20.15	Providing and fixing in position precast R.C.C. manhole cover and frame L D- 2.5 of required shape and approved quality			
43	20.15.1	Rectangular shape 600x450mm internal dimensions	each	1031.00	Rupees one thousand and thirty one only
	12.75-AME	Providing and fixing rectified glazed ceramic wall / dado tiles of IST quality conforming to IS : 15622 of approved make, in all colours, shades on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per			
44	12.75.1	Size 300x450 mm thickness 7 to 8 mm	sqm	710.00	Rupees seven hundred ten only
	12.74-AME	Providing and fixing rectified glazed ceramic floor tiles of 1st quality conforming to IS : 15622-2017 of approved make in all colours, shades over 20 mm thick bed of Cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with matching pigment			
45	12.74.1	Size 300x300 mm thickness 7 to 8 mm	sqm	779.00	Rupees seven hundred seventy nine only

S. No.	L. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
		Providing and laying Glazed Vitrified floor tiles (GVT/PGVT) with digital print of random design with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching			
46	12.76.1	Size 600x600mm thickness 9 to 10 mm	sqm	964.00	Rupees nine hundred sixty four only
47	14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, JCI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	sqm	94.50	Rupees nineteen four and fifty paise only
	14.90	Distempering with acrylic washable distemper to give an even shade.			
48	14.9.1	On new work (Two or more coats)			
		Total	sqm	38.00	Rupees thirty eight only
	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:			
49	14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	56.00	Rupees fifty six only
	14.22	Painting on new work (two or more coats) to give an even shade with:			
50	14.22.2	Premium synthetic enamel paint	sqm	47.00	Rupees forty seven only
	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. @ 75mm dia			
51	18.76.2	110mm dia pipe	RMT	267.00	Rupees Two Hundred SixtySeven Only
52	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	each	1709.00	Rupees One Thousand Seven Hundred Nine Only
53	19.48	Constructing masonry Chamber 60x60x75 cm. inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate	each	4644.00	Rupees four thousand six hundred forty four only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
	20.29	Providing and constructing brick masonry chamber for underground pipe and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) RCC cover of suitable size and 75mm thick with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including reinforcement 8mm dia bars at 150mm both ways and MS hooks for lifting, including foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :			
54	20.29.3	Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlets	each	2619.00	Rupees two thousand six hundred nineteen only
	20.30	Providing and constructing brick work for extra depth beyond 45 cm of brick masonry chamber with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) with inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls:			
55	20.30.3	For 600x850 mm size	Mtr	3332.00	Rupees three thousand three hundred thirty two only
	20.7	Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation in cement concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1			
56	20.7.4	Inside size 90x80 cm and 45 cm deep including RCC cover with frame 450x600 mm internal dimensions.	each	5595.00	Rupees five thousand five hundred ninety five only
	20.8	Extra for depth for manholes			
57	20.8.1	Size 90x80 cm	mtr	3755.00	Rupees Three Thousand Seven Hundred FiftyFive Only
	3.1.3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	CUM	2970.00	Rupees Two Thousand Nine Hundred Seventy Only
	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:			
59	7.5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)	cum	3350.00	Rupees Three Thousand Three Hundred Fifty Only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
60	21.1.1.3	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of	RM	339.00	Rupees Three Hundred ThirtyNine Only
61	21.1.2.3	Rocky strata including Boulders.	RM	396.00	Rupees Three Hundred NinetySix Only
62	21.6	Supplying, assembling, lowering and fixing in vertical position in bore well, slotted casing pipe made from ISI marked G.I. pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part- 1&Part-2) 1992 with IVth revision (having slot of size 1.6/3.2 mm), of reputed and approved make, including hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in- charge.			
62	21.6.3	150 mm nominal dia	metre	1317.00	Rupees thirteen hundred seventeen only
63	21.11	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:			
63	21.11.3	150 mm dia	each	217.00	Rupees two hundred seventeen only
64	21.14	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit will be paid separately).			
64	21.14.1	Stone boulders of size range 5 cm to 20 cm, in recharge pit	cum	863.00	Rupees Eight Hundred SixtyThree Only
65	21.14.2	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	cum	806.00	Rupees Eight Hundred Six Only
66	21.14.3	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	cum	471.00	Rupees Four Hundred SeventyOne Only
67	23.8	Electrical SOR 2020			
68	23.8.4	Supplying and fixing of following sizes GM non return valve ISI mark in the suction/ delivery line etc. as per specification.			
68	23.8.4	50 mm dia.	Each	1246.00	Rupees twelve hundred forty six only
69	23.5	Supplying and fixing of following sizes 'B' class GI pipe with all necessary Tee's, bends, sockets in the suction/ delivery line including cutting and threading etc. as per specification.			
69	23.5.4	50 mm dia.	mtr	441.00	Rupees four hundred forty one only
70	21.2	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of			
70	21.2.2	Rocky strata including Boulders.			
70	21.2.2.3	150 mm dia.	mtr	424.00	Rupees four hundred twenty four only


S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
		Supplying, assembling, lowering and fixing in vertical position in bore well.unplasticized PVC medium well casing (CM) pipe of required dia.conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer –in-charge.			
71	21.3.3	150 mm nominal size dia.	meter	540.00	Rupees five hundred forty only
		Electrical SOR 2020			
		Supplying and fixing of following sizes 'B' class G I pipe with welded steel flange of suitable size at both the end of every pipe length, fixing with			
72	23.4.5	40 mm dia.	Mtr	268.00	Rupees two hundred sixty eight only
		Electrical SOR 2020			
		Electrical SOR 2020			
73	12.1	Earthing with G.I. earth pipe 4.5 mtr long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, etc. (but without charcoal or coke and salt) as required	Set	3243.00	Rupees Three Thousand Two Hundred FourtyThree Only
		Electrical SOR 2020			
	23.2	Supplying, installation, testing and commissioning of centrifugal type mono-block electric pump set for water supply system having following capacity three phase, 415 volts AC induction motor and pump including suitable channel iron base frame, suitable C.C. foundation and connection of suction and delivery line etc. as per specification.			
74	23.2.3	7.5 HP, 650 LPM, 30 m head, suction size 80 mm, delivery size 65 mm	Each	21065.00	Rupees twenty one thousand and sixty five only
		Electrical SOR 2020			
	23.3	Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length etc. as required.			
75	23.3.2	1.5 HP, single phase	Each	17589.00	Rupees Seventeen Thousand Five Hundred EightyNine Only
76	23.3.4	3 HP, Three phase	Each	22714.00	Rupees twenty two thgousand seven hundred fourteen only
77	23.3.6	5 HP, Three phase	Each	26072.00	Rupees twenty six thousand and seventy two rupees only
		Electrical SOR 2020			


S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
78	23.9	Supply, installation, testing and commissioning of 10-15 HP 3 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches 1 set b) 10/12.5/15 HP 3 phase automatic Star-delta starter with over load and no volt relay 1 No c) 32 A "C" curve TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector switch 1 set.	Each	8157.00	Rupees eight thousand one hundred fifty seven only
	23.10	Supply, installation, testing and commissioning of 5-7.5 HP 3 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches 1 set b) 5/7.5 HP 3 phase DOL starter with over load and no volt relay 1 No c) 32 A "C" curve TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector switch 1 set.	Each	4152.00	Rupees four thousand one hundred fifty two only
79	23.11	Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set	Each	4030.00	Rupees Four Thousand Thirty Only
		Electrical SOR 2020			
	23.14	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDPE pipe line or laid in ground etc as required			
80	23.14.2	3x2.5 sqmm	Mtr	64.00	Rupees SixtyFour Only
		Electrical SOR 2020			
	23.15	Supplying and making water proof joint with heat shrinkable joint kit including copper ferrules for following size of 3 core submersible copper conductor cable of 1.1 KV grade as required.			
81	23.15.2	3x2.5 sqmm	Each	261.00	Rupees Two Hundred SixtyOne Only


S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
82	21.17	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)	point	1502.00	Rupees One Thousand Five Hundred Two Only
	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work			
83	3.1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	Cum	4073.00	Rupees Four Thousand Seventy Three Only
		ROAD			
		Construction of granular sub-base by providing graded Material, , carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface watering, rolling and compacting with vibratory power roller at OMC to achieve the desired density, complete as per clause 401			
	A	Plant mix method (with Mechanically crushed stone only)			
	(a)	For Lower Sub-base with			
84	(i)	Grading-III Material	Cum.	1423.00	Rupees One Thousand Four Hundred Twenty-Three
	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm			
85	12.65.1	Plain/ normal coloured precast interlock concrete	sqm	436.00	Rupees Four Hundred Thirty-Six only
86	12.65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks	sqm	632.00	Rupees Four Hundred Thirty-Six only
	3.21	Providing and fixing in position impregnated fibre board confirming to IS: 1838 in expansion joints, including cost of primer, sealing compound all complete.			
87	3.21.2	25mm thick	sqm	768.00	Rupees seven hundred sixty eight Only
		Road Sor 2015			

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
	9.6	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.			
101	9.6.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	68.00	Rupees sixty eight only
	9.60	Designing, providing and fixing aluminium frame work made of special aluminium section on building face with M.S. angle iron brackets fixed on RCC structure with S.S. hold fasteners, including providing and fixing two sided structural adhesive tape of appropriate grade (NORTON or equivalent), on aluminium sections for fixing aluminium/ glass panel, sealing on periphery of frame work, by providing EPDM gasket, silicon weather sealant between aluminium frame and building structure including hire charges of double scaffolding complete.	Kg	357.00	Rupees three hundred fifty seven only
103	11.40	Making groove in cement plaster while plastering upto 10 mm deep and 10 mm wide.	metre	1.30	Rupees one and thirty paise only
	9.61	Providing and fixing aluminium composite panels in approved panel sizes, thickness and shape on aluminium frame work on face of building. (Frame to be paid separately)			
104	9.61.2	4mm thick	sqm	1745.00	Rupees One Thousand Seven Hundred Forty-Five only
105	9.62	Providing and fixing laminated glass sheet of 8.76mm thickness in approved sizes on aluminium frame work on face of building. (Frame to be paid for separately).	sqm	2613.00	Rupees Two Thousand Six Hundred Thirteen only
106	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 10 km (earth measured in stacks will be reduced by 20% for payment).	cum	201.00	Rupees Two Hundred One only
107	22.3	Supplying and stacking sludge at site including royalty, loading, unloading and carriage upto 10 km (sludge measured in stacks will be reduced by 8% for payment).	cum	248.00	Rupees two hundred forty eight only
108	22.8	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).	cum	17.50	Rupees seventeen and fifty paise only
109	22.9	Mixing earth and sludge or manure in proportion specified or directed.	cum	11.00	Rupees eleven only
110	22.5	Rough dressing the trenched ground including breaking clods.	sqm	0.50	Rupees fifty paise only
111	22.6	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	sqm	1.60	Rupees one and sixty paise only
112	22.7	Fine dressing the ground	sqm	1.10	Rupees one and ten paise only

S. No.	I. No.	PARTICULAR	UNIT	RATE	RATE IN WORDS
113	22.19	Edging with modular well burnt clay bricks of crushing strength not less than 25kg/ sqcm laid dry length wise including excavation, refilling, consolidating with hand packing and spreading neatly surplus earth within a lead of 50 m :	metre	28.50	Rupees twenty eight and fifty paise only
	22.25	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:			
114	22.25.1	Hedges like Alife, Dorenta, Tikoma etc	Each	14.00	Rupees fourteen only
115	22.25.2	Furn like Arica, China etc (3 year old)	Each	125.00	Rupees one hundread twenty five only
116	22.25.3	Hibiscus (Flower)/ Rose	Each	26.50	Rupees twenty six and fifty pasie only
117	22.25.4	Carpet grass	sqm	263.00	Rupees two hundread sixty three only


Sub Engineer
 Chhattisgarh Housing Board
 Sub Division-GPM (C.G.)


Assistant Engineer
 Chhattisgarh Housing Board
 Sub Division-GPM (C.G.)


Executive Engineer
 Chhattisgarh Housing Board
 Division-Korba (C.G.)