

Tender Inviting Authority:STAFF OFFICER CIVIL					
Name of Work: Development of R&R Site-I for shifting of PAFs of Phusri Village under Tapin South OCP of Hazaribagh Area					
.	Category of Services (To Be Selected by Department)	Category of Bidder(To Be Selected by Bidder)	To Be Entered by Department		
ITC Not Available	Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	18.00	0.00	0.00

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 #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Item Description/ Heading					
1.01	Part - A (Deep Borewell) Cost of drilling 200 mm x 165 mm x 125 meter deep bore well in all kinds of soil and rock in rural area for installation of pump set with Hydraulic DTH Rig machine, all complete including supplying all materials, tools, drilling rig, Air Compressor and equipments, as well as fuel, lubricants and cost of transportation of Rig machine and other vehicles up to the site. 0-50 meter	200.00	m	894.36	178872.00	INR One Lakh Seventy Eight Thousand Eight Hundred & Seventy Two Only
1.02	Cost of drilling 200 mm x 165 mm x 125 meter deep bore well in all kinds of soil and rock in rural area for installation of pump set with Hydraulic DTH Rig machine, all complete including supplying all materials, tools, drilling rig, Air Compressor and equipments, as well as fuel, lubricants and cost of transportation of Rig machine and other vehicles up to the site. 50-125 mtr	300.00	m	933.85	280155.00	INR Two Lakh Eighty Thousand One Hundred & Fifty Five Only
1.03	Cost of drilling 200 mm x 165 mm x 125 meter deep bore well in all kinds of soil and rock in rural area for installation of pump set with Hydraulic DTH Rig machine, all complete including supplying all materials, tools, drilling rig, Air Compressor and equipments, as well as fuel, lubricants and cost of transportation of Rig machine and other vehicles up to the site. beyond 125 mtr.	200.00	m	933.85	186770.00	INR One Lakh Eighty Six Thousand Seven Hundred & Seventy Only
1.04	Supplying all tools, tackles & lowering of 200 mm dia MS ERW casing pipe of 6mm wall thickness including welding charges, cost of p[ipe etc including all taxes, VAT, Excise duty, freight charges with inspection charges etc as applicable, etc all complete job	120.00	m	1858.40	223008.00	INR Two Lakh Twenty Three Thousand &Eight Only
1.05	Providing and fixing M.S clamp of required dia to the top of casing/houseing pipe of tubewell as per IS:2800(part),including necessary bolt & nuts of required size complete	4.00	Each	1533.10	6132.40	INR Six Thousand One Hundred & Thirty Two and Paise Forty Only

1.06	Supplying and Fixing uPVC column pipe of 40mm nominal diameter of finolex (or equivalent make) as per instructions of EIC.	480.00	m	345.54	165859.20	INR One Lakh Sixty Five Thousand Eight Hundred & Fifty Nine and Paise Twenty Only
1.07	Supplying all materials, labours, tools & equipments for fitting & fixing 200mm dia MS cap over casing pipe complete job.	4.00	Each	243.90	975.60	INR Nine Hundred & Seventy Five and Paise Sixty Only
1.08	Supplying of Plastic rope 20mm dia	600.00	m	38.33	22998.00	INR Twenty Two Thousand Nine Hundred & Ninety Eight Only
1.09	Labour charges for lowering of 120 meter PVC pipe, submersible motor, pump, cable adapter etc. with testing of electric line electrician, helper etc. all complete job.	4.00	Each	2799.22	11196.88	INR Eleven Thousand One Hundred & Ninety Six and Paise Eighty Eight Only
2.01	Part - B (Room) 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 upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil.	44.00	Cum	188.45	8291.80	INR Eight Thousand Two Hundred & Ninety One and Paise Eighty Only
2.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources	6.92	Cum	5916.00	40938.72	INR Forty Thousand Nine Hundred & Thirty Eight and Paise Seventy Two Only
2.03	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level 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) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	10.80	Cum	8797.65	95014.62	INR Ninety Five Thousand & Fourteen and Paise Sixty Two Only
2.04	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	30.80	Sqm	470.70	14497.56	INR Fourteen Thousand Four Hundred & Ninety Seven and Paise Fifty Six Only
2.05	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	40.48	Sqm	587.10	23765.81	INR Twenty Three Thousand Seven Hundred & Sixty Five and Paise Eighty One Only
2.06	Centering and shuttering including strutting, propping etc. and removal of form for Weather shade, Chajjas, corbels etc., including edges	7.20	Sqm	637.65	4591.08	INR Four Thousand Five Hundred & Ninety One and Paise Eight Only
2.07	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.	864.00	Kg	75.85	65534.40	INR Sixty Five Thousand Five Hundred & Thirty Four and Paise Forty Only
2.08	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	21.04	Cum	5322.15	111978.04	INR One Lakh Eleven Thousand Nine Hundred & Seventy Eight and Paise Four Only
2.09	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	25.16	Cum	6494.75	163407.91	INR One Lakh Sixty Three Thousand Four Hundred & Seven and Paise Ninety One Only
2.10	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	13.20	Sqm	284.75	3758.70	INR Three Thousand Seven Hundred & Fifty Eight and Paise Seventy Only
2.11	12 mm cement plaster: 13.1.2 1:6 (1 cement: 6 fine sand)	241.44	Sqm	217.70	52561.49	INR Fifty Two Thousand Five Hundred & Sixty One and Paise Forty Nine Only
2.12	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	38.32	Sqm	195.85	7504.97	INR Seven Thousand Five Hundred & Four and Paise Ninety Seven Only

2.13	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	25.00	Sqm	452.50	11312.50	INR Eleven Thousand Three Hundred & Twelve and Paise Fifty Only
2.14	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	68.60	Kg	92.55	6348.93	INR Six Thousand Three Hundred & Forty Eight and Paise Ninety Three Only
2.15	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using flats 30x6mm for diagonal braces and central cross piece	6.96	Sqm	3730.40	25963.58	INR Twenty Five Thousand Nine Hundred & Sixty Three and Paise Fifty Eight Only
2.16	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	279.76	Each	74.70	20898.07	INR Twenty Thousand Eight Hundred & Ninety Eight and Paise Seven Only
2.17	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	15.84	Sqm	99.90	1582.42	INR One Thousand Five Hundred & Eighty Two and Paise Forty Two Only
2.18	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	2.16	Sqm	145.60	314.50	INR Three Hundred & Fourteen and Paise Fifty Only
2.19	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth	34.56	Sqm	551.30	19052.93	INR Nineteen Thousand & Fifty Two and Paise Ninety Three Only
2.20	Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	11.00	Sqm	390.30	4293.30	INR Four Thousand Two Hundred & Ninety Three and Paise Thirty Only
2.21	Lettering with black Japan paint of approved brand and manufacture	2400.00	per litre per cm	3.70	8880.00	INR Eight Thousand Eight Hundred & Eighty Only
2.22	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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.	12000.00	per litre	8.40	100800.00	INR One Lakh Eight Hundred Only
2.23	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes	84.00	m	331.50	27846.00	INR Twenty Seven Thousand Eight Hundred & Forty Six Only
2.24	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 20 mm nominal dia Pipes	48.00	m	259.05	12434.40	INR Twelve Thousand Four Hundred & Thirty Four and Paise Forty Only

2.25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	12.00	Each	376.95	4523.40	INR Four Thousand Five Hundred & Twenty Three and Paise Forty Only
2.26	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	8.00	Each	462.15	3697.20	INR Three Thousand Six Hundred & Ninety Seven and Paise Twenty Only
2.27	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	480.00	Sqm	752.85	361368.00	INR Three Lakh Sixty One Thousand Three Hundred & Sixty Eight Only
2.28	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately). Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. Area of slab over 0.50 sqm	2.72	Sqm	3885.30	10568.02	INR Ten Thousand Five Hundred & Sixty Eight and Paise Two Only
3.01	Part - C (Open surface drain with soakpit) 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 upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil.	6.60	Cum	188.45	1243.77	INR One Thousand Two Hundred & Forty Three and Paise Seventy Seven Only
3.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	2.20	Cum	4882.20	10740.84	INR Ten Thousand Seven Hundred & Forty and Paise Eighty Four Only
3.03	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	16.00	Sqm	673.45	10775.20	INR Ten Thousand Seven Hundred & Seventy Five and Paise Twenty Only
3.04	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	22.80	Sqm	284.75	6492.30	INR Six Thousand Four Hundred & Ninety Two and Paise Thirty Only
3.05	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	6.00	Sqm	452.50	2715.00	INR Two Thousand Seven Hundred & Fifteen Only
3.06	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 upto 1.5 m.	1.20	Cum	114.40	137.28	INR One Hundred & Thirty Seven and Paise Twenty Eight Only
3.07	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 5.0	4.00	Each	21806.30	87225.20	INR Eighty Seven Thousand Two Hundred & Twenty Five and Paise Twenty Only

4.01	Part - D (Pucca Drain, Kuccha Drain & Retaining Wall) 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 upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil. Pucca drain, Kutchra drain, Retaining wall	3335.50	Cum	188.45	628574.98	INR Six Lakh Twenty Eight Thousand Five Hundred & Seventy Four and Paise Ninety Seven Only
4.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources	59.64	Cum	5916.00	352830.24	INR Three Lakh Fifty Two Thousand Eight Hundred & Thirty and Paise Twenty Four Only
4.03	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 : 5.1.2 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) Pucca drain	133.90	Cum	7365.50	986240.45	INR Nine Lakh Eighty Six Thousand Two Hundred & Forty and Paise Forty Five Only
4.04	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.	8034.00	Kg	75.85	609378.90	INR Six Lakh Nine Thousand Three Hundred & Seventy Eight and Paise Ninety Only
4.05	Centering and shuttering including strutting, propping etc. and removal of form for Walls any thickness including attached pilasters, buttresses, plinth and string courses etc	1751.00	Sqm	538.75	943351.25	INR Nine Lakh Forty Three Thousand Three Hundred & Fifty One and Paise Twenty Five Only
4.06	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) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) Retaining wall	87.75	Cum	5152.20	452105.55	INR Four Lakh Fifty Two Thousand One Hundred & Five and Paise Fifty Five Only
4.07	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush/ Ruled pointing. Retaining wall	102.01	Sqm	239.00	24380.39	INR Twenty Four Thousand Three Hundred & Eighty and Paise Thirty Nine Only
4.08	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 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources) Top of Retaining wall	1.50	Cum	6490.90	9736.35	INR Nine Thousand Seven Hundred & Thirty Six and Paise Thirty Five Only
4.09	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 upto 1.5 m.	1111.83	Cum	114.40	127193.35	INR One Lakh Twenty Seven Thousand One Hundred & Ninety Three and Paise Thirty Five Only
4.10	Providing weep holes in Brick masonry/Plain/Reinforced concrete abutment, wing wall/return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical specifications. Pucca drain. Retaining wall	1130.00	Each	143.00	161590.00	INR One Lakh Sixty One Thousand Five Hundred & Ninety Only
5.01	Part - E (Barbed wire fencing) 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 upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil. Barbed wire posts. For struts	85.93	Cum	188.45	16193.51	INR Sixteen Thousand One Hundred & Ninety Three and Paise Fifty One Only

5.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	61.22	Cum	4882.20	298888.28	INR Two Lakh Ninety Eight Thousand Eight Hundred & Eighty Eight and Paise Twenty Eight Only
5.03	Supplying at site : R.C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-in-charge (cost of earth works in excavation, concrete works in foundation to be paid separately). RCC posts of height 1.8 m above the GL	26.55	Cum	24223.25	643127.29	INR Six Lakh Forty Three Thousand One Hundred & Twenty Seven and Paise Twenty Nine Only
5.04	Fencing with R.C.C. 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 one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used. 16.17.1 With G.I. barbed wire	18620.80	M	10.25	190863.20	INR One Lakh Ninety Thousand Eight Hundred & Sixty Three and Paise Twenty Only
5.05	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 upto 1.5 m.	18.38	Cum	114.40	2102.67	INR Two Thousand One Hundred & Two and Paise Sixty Seven Only
6.01	Part - F (Levelling & dressing of R&R site and Road) Excavation in Soil using Hydraulic Excavator CK 90 and Tipplers with disposal upto 1000 metres. (Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tipplers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m) excluding Royalty but excluding the cost of watering, rolling & compaction	22500.00	Cum	79.00	1777500.00	INR Seventeen Lakh Seventy Seven Thousand Five Hundred Only
6.02	Embankment Construction with Material Obtained from Borrow Pits (Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2) Rolling with vibratory roller. Main road. Service road (Block-A). Service road (Block-B)	10065.84	Cum	139.00	1399151.76	INR Thirteen Lakh Ninety Nine Thousand One Hundred & Fifty One and Paise Seventy Six Only
6.03	By Mix in Place Method (Construction of granular sub-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401) (ii) Using Grading-II material	347.63	Cum	2445.00	849955.35	INR Eight Lakh Forty Nine Thousand Nine Hundred & Fifty Five and Paise Thirty Five Only

6.04	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. A. By Manual Means Grading- III (Using Screening Crushable type such as Moorum or Gravel) Using Screening Crushable type such as Moorum or Gravel (with Vibratory Roller)	260.72	Cum	2752.00	717501.44	INR Seven Lakh Seventeen Thousand Five Hundred & One and Paise Forty Four Only
6.05	Cement Concrete Pavement (Construction of un-reinforced, plain cement concrete pavement thickness as per design over a prepared sub base with 43 grade cement @ 350 kg per cum or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 mm micron thick polythene film, wdgcs, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction, expansion, construction joints, applying debonding strips, primer, sealant, admixtures as approved, curing of concrete slabs for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and technical specification Cl. 1501 MORD	521.44	Cum	7036.64	3669185.56	INR Thirty Six Lakh Sixty Nine Thousand One Hundred & Eighty Five and Paise Fifty Six Only
7.01	Part - G (Check dam and embankment) 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 getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-incharge. All kinds of soil. Structure bed. Upstream cutoff. Downstream cutoff. Toe wall. Apron.	492.00	Cum	128.05	63000.60	INR Sixty Three Thousand and Paise Sixty Only
7.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources. Structure bed. Toe wall.	44.60	Cum	5916.00	263853.60	INR Two Lakh Sixty Three Thousand Eight Hundred & Fifty Three and Paise Sixty Only
7.03	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 : 5.1.2 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) . Structure bed. Upstream cutoff. Downstream. Toe wall. Apron.	449.80	Cum	7365.50	3313001.90	INR Thirty Three Lakh Thirteen Thousand & One and Paise Ninety Only
7.04	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	224.90	Sqm	262.55	59047.50	INR Fifty Nine Thousand & Forty Seven and Paise Fifty Only
7.05	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.	17992.00	Kg	75.85	1364693.20	INR Thirteen Lakh Sixty Four Thousand Six Hundred & Ninety Three and Paise Twenty Only

7.06	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	141.20	Cum	8181.90	1155284.28	INR Eleven Lakh Fifty Five Thousand Two Hundred & Eighty Four and Paise Twenty Eight Only
7.07	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc	152.00	Sqm	538.75	81890.00	INR Eighty One Thousand Eight Hundred & Ninety Only
7.08	Embankment Construction with Material Obtained from Borrow Pits (Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2) Rolling with vibratory roller	1950.00	Cum	139.00	271050.00	INR Two Lakh Seventy One Thousand & Fifty Only
7.09	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete	807.00	Sqm	640.50	516883.50	INR Five Lakh Sixteen Thousand Eight Hundred & Eighty Three and Paise Fifty Only
7.10	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush/ Ruled pointing	507.00	Sqm	239.00	121173.00	INR One Lakh Twenty One Thousand One Hundred & Seventy Three Only
7.11	Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	82.50	Cum	2522.00	208065.00	INR Two Lakh Eight Thousand & Sixty Five Only
8.01	Part - H (Chhath Ghat) 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 upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil	17.01	Cum	188.45	3205.53	INR Three Thousand Two Hundred & Five and Paise Fifty Three Only
8.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources	10.89	Cum	5916.00	64425.24	INR Sixty Four Thousand Four Hundred & Twenty Five and Paise Twenty Four Only
8.03	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	19.47	Cum	5322.15	103622.26	INR One Lakh Three Thousand Six Hundred & Twenty Two and Paise Twenty Six Only
8.04	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	180.00	Sqm	452.50	81450.00	INR Eighty One Thousand Four Hundred & Fifty Only
8.05	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	42.00	Sqm	284.75	11959.50	INR Eleven Thousand Nine Hundred & Fifty Nine and Paise Fifty Only
9.01	Part - I (Pump Room) 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 upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil.	11.00	Cum	188.45	2072.95	INR Two Thousand & Seventy Two and Paise Ninety Five Only

9.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources	1.73	Cum	5916.00	10234.68	INR Ten Thousand Two Hundred & Thirty Four and Paise Sixty Eight Only
9.03	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level 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) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	2.70	Cum	8797.65	23753.66	INR Twenty Three Thousand Seven Hundred & Fifty Three and Paise Sixty Five Only
9.04	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	7.70	Sqm	470.70	3624.39	INR Three Thousand Six Hundred & Twenty Four and Paise Thirty Nine Only
9.05	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	10.12	Sqm	587.10	5941.45	INR Five Thousand Nine Hundred & Forty One and Paise Forty Five Only
9.06	Centering and shuttering including strutting, propping etc. and removal of form for Weather shade, Chajjas, corbels etc., including edges	1.80	Sqm	637.65	1147.77	INR One Thousand One Hundred & Forty Seven and Paise Seventy Seven Only
9.07	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.	216.00	Kg	75.85	16383.60	INR Sixteen Thousand Three Hundred & Eighty Three and Paise Sixty Only
9.08	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	5.26	Cum	5322.15	27994.51	INR Twenty Seven Thousand Nine Hundred & Ninety Four and Paise Fifty One Only
9.09	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	6.29	Cum	6494.75	40851.98	INR Forty Thousand Eight Hundred & Fifty One and Paise Ninety Eight Only
9.10	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	3.30	Sqm	284.75	939.68	INR Nine Hundred & Thirty Nine and Paise Sixty Seven Only
9.11	12 mm cement plaster: 13.1.2 1:6 (1 cement: 6 fine sand)	60.36	Sqm	217.70	13140.37	INR Thirteen Thousand One Hundred & Forty and Paise Thirty Seven Only
9.12	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	9.58	Sqm	195.85	1876.24	INR One Thousand Eight Hundred & Seventy Six and Paise Twenty Four Only
9.13	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	6.25	Sqm	452.50	2828.13	INR Two Thousand Eight Hundred & Twenty Eight and Paise Twelve Only
9.14	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	17.15	Kg	92.55	1587.23	INR One Thousand Five Hundred & Eighty Seven and Paise Twenty Three Only
9.15	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using flats 30x6mm for diagonal braces and central cross piece	1.74	Sqm	3730.40	6490.90	INR Six Thousand Four Hundred & Ninety and Paise Ninety Only
9.16	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	69.94	Each	74.70	5224.52	INR Five Thousand Two Hundred & Twenty Four and Paise Fifty Two Only

9.17	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	3.96	Sqm	99.90	395.60	INR Three Hundred & Ninety Five and Paise Sixty Only
9.18	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	0.54	Sqm	145.60	78.62	INR Seventy Eight and Paise Sixty Two Only
9.19	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth	8.64	Sqm	551.30	4763.23	INR Four Thousand Seven Hundred & Sixty Three and Paise Twenty Three Only
9.20	Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	2.75	Sqm	390.30	1073.33	INR One Thousand & Seventy Three and Paise Thirty Three Only
9.21	Lettering with black Japan paint of approved brand and manufacture	600.00	per litre per cm	3.70	2220.00	INR Two Thousand Two Hundred & Twenty Only
10.01	Part - J (Electrical Part) Supplying, installing, testing and commissioning of 500 KVA, 11/0.4 KV 3 Phase 50 cycle oil immersed, naturally cooled, outdoor type transformer connected delta on H.T. side and star on L.T. side, dehydrating silica gel breather on eye level, rating and diagram plate, two earthing terminal, lifting lugs, oil level gauge, drain valve with plug, temperature not exceeding 50OC on load, oil filling hole with plug, four unidirectional roller, arcing horns, explosion vent, terminal arrangement bushing on H.V. side and cable box on LV side, first filling of oil up to desired level and transformer installing on existing structure with all required materials arrangement as required ISI marked & as per IS specification, hand operated off load tap changer switch above 100 KVA, oil conservator with drain valve, plug 63 KVA and above	1.00	Each	1764301.00	1764301.00	INR Seventeen Lakh Sixty Four Thousand Three Hundred & One Only
10.02	Supplying of pre stressed cement concrete (PCC) pole conforming to IS:785 at work site including required transportation. CC pole 9.1 meter Long 280 kg (88+2)	90.00	Each	5099.00	458910.00	INR Four Lakh Fifty Eight Thousand Nine Hundred & Ten Only
10.03	Supplying installing and testing of AB isolating switch assembly set gang operated suitable for 11/0.4 KV.	1.00	Each	36769.00	36769.00	INR Thirty Six Thousand Seven Hundred & Sixty Nine Only
10.04	Erection of steel tubular or rail pole strut in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and secured with holding clamps, bolts, nuts, etc. as required	90.00	Nos	5354.00	481860.00	INR Four Lakh Eighty One Thousand Eight Hundred & Sixty Only
10.05	Earthing with copper earth plate 600 mm x 600 m x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	2.00	Nos	11683.00	23366.00	INR Twenty Three Thousand Three Hundred & Sixty Six Only
10.06	Supplying and laying 25 mm x 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with G.I. nut, bolt, spring, washer etc. as required	40.00	Mtr	122.00	4880.00	INR Four Thousand Eight Hundred & Eighty Only
10.07	Providing and laying G.I. tape 32 mm x 6 mm from earth electrode directly in ground as required	40.00	Mtr	159.00	6360.00	INR Six Thousand Three Hundred & Sixty Only
10.08	Supply and Fixing of 70 W LED lights on pole	88.00	Nos	1599.33	140741.04	INR One Lakh Forty Thousand Seven Hundred & Forty One and Paise Four Only

10.09	Providing brick work (in width 225 mm or more) with F.P.S bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels. (2 X 2 X 1.25 = 5 sqm) (For transformer platform)	5.00	Cmm	5596.00	27980.00	INR Twenty Seven Thousand Nine Hundred & Eighty Only
10.10	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required. (2 X 1 X 0.07 x 4 + 2 X 2 X 0.07 X 1) (For transformer platform)	0.84	Cum	6594.00	5538.96	INR Five Thousand Five Hundred & Thirty Eight and Paise Ninety Six Only
10.11	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 getting out and disposal of excavated earth lead up to 50 m and lift up to 1.5 m as directed by Engineer-in-charge. Ordinary rock (2 X 2 X 0.25) (For transformer platform)	1.00	Cum	305.65	305.65	INR Three Hundred & Five and Paise Sixty Five Only
10.12	Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required. 120 sqmm	2.00	Each	33196.00	66392.00	INR Sixty Six Thousand Three Hundred & Ninety Two Only
10.13	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 800 A, 50KA	1.00	Each	31644.00	31644.00	INR Thirty One Thousand Six Hundred & Forty Four Only
10.14	Supplying and fixing cable end box (Loose wire box) suitable for following triple pole and neutral sheet steel, MCB distribution board, 415 Volts, on surface/recess, complete with testing and commissioning etc. as required. For 8 way, Double door TPN MCBDB	1.00	Each	1146.00	1146.00	INR One Thousand One Hundred & Forty Six Only
10.15	Supplying and drawing/laying of PVC insulated XLPE aerial bunch power cable conductor H2/H4 grade aluminium solid/stranded conforming to IS-14255-1995, alu. Alloy insulated messenger 1100 volts grade cable of approved make in air with necessary material as per specification of required size as mentioned below - - 3X150 sq. mm, 1X35 (st. light), 1X95 (insulated neutral) (87 Spans x 25 m/span = 2175 m)	2175.00	Mtr	922.00	2005350.00	INR Twenty Lakh Five Thousand Three Hundred & Fifty Only
10.16	Supplying and erection of bow stay set complete (galvanised) with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm, thimble, stay clamps, turn buckle (20 mm X 60 cm), 7/4.00 mm dia G.I. stay wire and strain insulator etc in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and also with 0.6 m long brace of size 50 mm X 50 mm X 6 mm angle iron with 50 mm dia pulley fixed at one end of the brace as required	20.00	Each	4830.00	96600.00	INR Ninety Six Thousand Six Hundred Only
10.17	Supplying & fixing of aerial bunch cable accessories suspension clamp i/c required attachment for single core cable of approved make on pole with clamp, necessary material as per specification for required size (68 X 1 + 20 X 2=108)	108.00	Each	427.00	46116.00	INR Forty Six Thousand One Hundred & Sixteen Only
10.18	Supplying & fixing of aerial bunch cable accessories tension clamp (dead end) i/c required attachment for single core cable of approved make in air with clamp, necessary material as per specification for required size	10.00	Nos	446.00	4460.00	INR Four Thousand Four Hundred & Sixty Only

10.19	Supplying & fixing of spring loaded busbar screwless connector with enclosure of approved make including required clamp, nut, bolt, connection, testing as per specification to complete the job. 1Ph, 1 in + 2 out (01 box for 2 house)	72.00	Each	1972.00	141984.00	INR One Lakh Forty One Thousand Nine Hundred & Eighty Four Only
10.20	Supplying 150 mm dia submersible pump sets confirming to IS 8034 and motor confirming to IS 9283. Pump shall be suitable for various delivery head and discharge with stainless steel pump shaft and polypropylene/ noryl impeller. Motor suitable for working on 415V+10%, 5.0PH, 50 Hz, A.C. supply with cable guard, thrust carbon/ fiber bearing to withstand entire hydraulic thrust, water proof winding shall be provided. The pump set shall be suitable for direct coupling. Pump shall have suitable outlet as per manufacturers design. Anti thrust stream lined nonSubmersible Pump 150 mm dia (with Bronze impeller) up to 20 stages	4.00	Each	32930.85	131723.40	INR One Lakh Thirty One Thousand Seven Hundred & Twenty Three and Paise Forty Only
10.21	Supplying and installation / commissioning fully automatic star delta starter control panel to operate submersible pump/motor working on 415 V, 3 phase, 50 Hz with over load ON -OFF push button, voltmeter, ammeter, single phase preventer BIS approved make and necessary materials suitable for 3 phase, 5 hp submersible pump/ motor including transport, carriage complete as per EIC	4.00	Each	9199.94	36799.76	INR Thirty Six Thousand Seven Hundred & Ninety Nine and Paise Seventy Six Only
10.22	Supplying flat flexible submersible cable with copper conductor, PVC insulated & PVC sheathed (3 core 4 sq. mm)	1000.00	m	162.61	162610.00	INR One Lakh Sixty Two Thousand Six Hundred & Ten Only
11.00	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					29797940.28	INR Two Crore Ninety Seven Lakh Ninety Seven Thousand Nine Hundred & Forty and Paise Twenty
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				