

Tender Inviting Authority: Staff Officer (Civil), CCL, CRS, Barkakana

Name of Work: Installation of deep borewell with submersible pump set of 3 HP and pump house for irrigation purpose at Baridil panchayat under CSR programme 2023-24 of CRS, Barkakana. (NIT No.-01 of 2024-25)

	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 relevant 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
0	Item Description/ Heading					
1	PART-A :- PUMPING SYSTEM Supplying 150 mm dia Submersible pump sets conforming to IS 8034 and motor conforming to IS 9283. Pump shall be suitable for various delivery head and discharge with stainless steel pump shaft and Bronze impeller. Motor suitable for working on 415 V+ 10% 3PH, 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 steam lined non return valve shall be provided with pump. 3 meter submersible copper conductor cable in single double run shall be provided with each pump. 3.00 HP MOTOR. (20 or more stage)	1.00	Set	30925.80	30925.80	INR Thirty Thousand Nine Hundred & Twenty Five and Paise Eighty Only

2	3 Core PVC insulated PVC sheathed copper conductor flat submersible cable supplying, flat flexible, submersible cable with, copper conductor as per direction of EIC, 4sqm	200.00	mtr	178.25	35650.00	INR Thirty Five Thousand Six Hundred & Fifty Only
3	Supply and Installation of fully automatic Star delta oil immersed submersible control panel Three phase, 415 V suitable for 3 HP pump ISI marked of approved make as per direction of EIC.	1.00	each	5175.00	5175.00	INR Five Thousand One Hundred & Seventy Five Only
4	PART-B(BORING) HYDT: Cost of Drilling 200mm x 165 mmx 125 meter deep bore well in all kind 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. (a) From 0-50 meter	50.00	mtr	701.50	35075.00	INR Thirty Five Thousand & Seventy Five Only
5	HYDT: Cost of Drilling 200mm x 165 mmx 125 meter deep bore well in all kind 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. (b) From 51-125 meter	75.00	mtr	764.75	57356.25	INR Fifty Seven Thousand Three Hundred & Fifty Six and Paise Twenty Five Only
6	HYDT: Cost of Drilling 200mm x 165 mmx 125 meter deep bore well in all kind 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. (C) From 125-160 meter	50.00	mtr	764.75	38237.50	INR Thirty Eight Thousand Two Hundred & Thirty Seven and Paise Fifty Only
7	Supplying all tools, tackels & lowering of 200 mm dia PVC casing pipe for bore of approved brand all complete	30.00	mtr	350.75	10522.50	INR Ten Thousand Five Hundred & Twenty Two and Paise Fifty Only

8	Supplying all materials ,labours,tools & equipments for fitting & fixing 200 mm dia Cast iron cap cover for casing pipe complete job	1.00	mtr	195.50	195.50	INR One Hundred & Ninety Five and Paise Fifty Only
9	Supplying all materials ,labours,tools & equipments for fitting & fixing wire/rope for hanging of motor-pump set all complete	110.00	mtr	13.80	1518.00	INR One Thousand Five Hundred & Eighteen Only
10	Providing and fixing unplasticised Polyvinyl Chloride (UPVC) pipes, threaded fittings including, this includes jointing of pipes & fittings with one step UPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Column pipe 40 mm nominal outer dia pipes	110.00	mtr	444.26	48868.60	INR Forty Eight Thousand Eight Hundred & Sixty Eight and Paise Sixty Only
11	Labour charge for Lowering of upvc pipe submersible motor pump, Cable adopter with testing of electrician helper etc all complete job	1.00	each	4025.00	4025.00	INR Four Thousand & Twenty Five Only
PART-C (PUMP house 3MX 3M)						
12	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	5.04	cum	207.25	1044.54	INR One Thousand & Forty Four and Paise Fifty Four Only
13	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming consolidating and dressing complete	0.47	cum	1009.81	474.61	INR Four Hundred & Seventy Four and Paise Sixty One Only
14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	1.84	cum	5003.26	9206.00	INR Nine Thousand Two Hundred & Five and Paise One Hundred Only
15	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.29	cum	7159.14	9235.29	INR Nine Thousand Two Hundred & Thirty Five and Paise Twenty Nine Only

16	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.96	cum	8436.38	8098.92	INR Eight Thousand & Ninety Eight and Paise Ninety Two Only
17	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 up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	2.37	cum	7965.62	18878.52	INR Eighteen Thousand Eight Hundred & Seventy Eight and Paise Fifty Two Only
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars	468.00	kg	79.02	36981.36	INR Thirty Six Thousand Nine Hundred & Eighty One and Paise Thirty Six Only
19	Centering and shuttering including strutting, propping etc. and removal of form for :Foundations, footings, bases of columns, etc. for mass concrete	0.85	sqm	230.68	196.08	INR One Hundred & Ninety Six and Paise Eight Only
20	Centering and shuttering including strutting, propping etc. and removal of form for :Columns, Pillars, Piers, Abutments, Posts and Struts	13.00	sqm	609.35	7921.55	INR Seven Thousand Nine Hundred & Twenty One and Paise Fifty Five Only
21	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	5.00	sqm	455.03	2275.15	INR Two Thousand Two Hundred & Seventy Five and Paise Fifteen Only
22	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	10.89	sqm	577.33	6287.12	INR Six Thousand Two Hundred & Eighty Seven and Paise Twelve Only
23	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)	2.70	cum	6415.05	17320.64	INR Seventeen Thousand Three Hundred & Twenty and Paise Sixty Four Only

24	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 6.4.2 Cement mortar 1:6 (1 cement : 6 coarse sand)	5.52	cum	7006.40	38675.33	INR Thirty Eight Thousand Six Hundred & Seventy Five and Paise Thirty Three Only
25	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	40.05	kg	74.90	2999.75	INR Two Thousand Nine Hundred & Ninety Nine and Paise Seventy Four Only
26	Providing and fixing 1 mm 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 30x6 mm for diagonal braces and central cross piece	3.12	sqm	3860.60	12045.07	INR Twelve Thousand & Forty Five and Paise Seven Only
27	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings/ wooden frames with rawl plugs screws etc	14.58	kg	161.63	2356.57	INR Two Thousand Three Hundred & Fifty Six and Paise Fifty Seven Only
28	12 mm cement plaster of mix : 1:6 (1cement: 6 fine sand)	79.29	sqm	216.50	17166.29	INR Seventeen Thousand One Hundred & Sixty Six and Paise Twenty Eight Only
29	6 mm cement plaster of mix: 1:3 (1 cement : 3 fine sand)	12.39	sqm	194.80	2413.57	INR Two Thousand Four Hundred & Thirteen and Paise Fifty Seven Only
30	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	9.00	sqm	450.60	4055.40	INR Four Thousand & Fifty Five and Paise Forty Only

31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 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 pigment of matching shade complete.	5.40	sqm	968.13	5227.90	INR Five Thousand Two Hundred & Twenty Seven and Paise Ninety Only
32	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White,Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.	3.60	sqm	887.36	3194.50	INR Three Thousand One Hundred & Ninety Four and Paise Fifty Only
33	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	8.30	sqm	110.68	918.64	INR Nine Hundred & Eighteen and Paise Sixty Four Only
34	Finishing walls with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg/ 10 sqm)	91.68	sqm	75.31	6904.42	INR Six Thousand Nine Hundred & Four and Paise Forty Two Only
35	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.	8.25	sqm	482.18	3977.99	INR Three Thousand Nine Hundred & Seventy Seven and Paise Ninety Nine Only

36	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 outer dia pipes	8.00	mtr	275.72	2205.76	INR Two Thousand Two Hundred & Five and Paise Seventy Six Only
37	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 outer dia pipes	5.00	mtr	333.10	1665.50	INR One Thousand Six Hundred & Sixty Five and Paise Fifty Only
38	Providing and fixing C.P. brass bib cock of approved quality conforming to 15 mm nominal bore	4.00	each	469.85	1879.40	INR One Thousand Eight Hundred & Seventy Nine and Paise Forty Only
39	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	2000.00	ltr	9.15	18300.00	INR Eighteen Thousand Three Hundred Only
40	Providing and fixing CPVC Ball valve with of approved quality . 25 mm nominal bore	1.00	each	491.17	491.17	INR Four Hundred & Ninety One and Paise Seventeen Only
41	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	0.79	sqm	731.81	578.13	INR Five Hundred & Seventy Eight and Paise Thirteen Only
42	Providing and fixing inauguration Board carved in granite stone all complete as per direction of E/C.	0.54	sqm	3333.51	1800.10	INR One Thousand Eight Hundred and Paise Ten Only
43	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					512324.40	INR Five Lakh Twelve Thousand Three Hundred & Twenty Four and Paise Forty Only

Quoted Rate in Figures		Excess (+)		0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only				