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Percentage BoQ

Tender Inviting Authority: Staff Officer(Civil), Kuju Area

Name of Work : Renovation of quarters no C-14, C-18, D-05 and D-02 at sarubera officer's colony under sarubera colliery of kuju 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
0	Item Description/ Heading					
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	134.78	Sqm	32.00	4312.96	INR Four Thousand Three Hundred & Twelve and Paise Ninety Six Only
2	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below	20.00	No	112.45	2249.00	INR Two Thousand Two Hundred & Forty Nine Only
3	Welding by gas or electric plant including transportation of plant at site etc. complete.	100.00	Cm	2.95	295.00	INR Two Hundred & Ninety Five Only
4	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)	1.47	Cum	6490.90	9541.62	INR Nine Thousand Five Hundred & Forty One and Paise Sixty Two Only
5	Brick work with F.P.S. bricks of class designation 50 in foundation and plinth in :Cement mortar 1:6 (1 cement : 6 coarse sand)	6.99	Cum	5150.01	35998.57	INR Thirty Five Thousand Nine Hundred & Ninety Eight and Paise Fifty Seven Only
6	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:Size of angle	696.22	Kg	92.55	64435.16	INR Sixty Four Thousand Four Hundred & Thirty Five and Paise Sixteen Only

7	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm 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	24.82	Sqm	3730.40	92588.53	INR Ninety Two Thousand Five Hundred & Eighty Eight and Paise Fifty Three Only
8	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.40mm thick with 20mm nominal size stone aggregate	65.12	Sqm	452.50	29466.80	INR Twenty Nine Thousand Four Hundred & Sixty Six and Paise Eighty Only
9	12 mm cement plaster of mix :1:6 (1 cement : 6 fine sand)	238.58	Sqm	217.70	51938.87	INR Fifty One Thousand Nine Hundred & Thirty Eight and Paise Eighty Seven Only
10	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.With cement mortar 1:4 (1 cement : 4 fine sand)	19.51	Sqm	356.95	6964.09	INR Six Thousand Nine Hundred & Sixty Four and Paise Nine Only
11	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1028.78	Sqm	98.45	101283.39	INR One Lakh One Thousand Two Hundred & Eighty Three and Paise Thirty Nine Only
12	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	894.00	Sqm	15.25	13633.50	INR Thirteen Thousand Six Hundred & Thirty Three and Paise Fifty Only
13	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm	82.73	Sqm	1221.20	101029.88	INR One Lakh One Thousand & Twenty Nine and Paise Eighty Eight Only
14	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600x600 mm	275.44	Sqm	1180.40	325129.38	INR Three Lakh Twenty Five Thousand One Hundred & Twenty Nine and Paise Thirty Eight Only

15	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm.	3.29	Sqm	3701.15	12176.78	INR Twelve Thousand One Hundred & Seventy Six and Paise Seventy Eight Only
16	Providing and fixing 600x450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	6.00	No	1126.55	6759.30	INR Six Thousand Seven Hundred & Fifty Nine and Paise Thirty Only
17	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws,rawl plugs etc., complete	6.00	No	751.95	4511.70	INR Four Thousand Five Hundred & Eleven and Paise Seventy Only
18	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer, of required shade and colour all complete:New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	669.78	Sqm	115.00	77024.70	INR Seventy Seven Thousand & Twenty Four and Paise Seventy Only
19	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	359.00	Sqm	115.85	41590.15	INR Forty One Thousand Five Hundred & Ninety and Paise Fifteen Only
20	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	236.00	Sqm	99.90	23576.40	INR Twenty Three Thousand Five Hundred & Seventy Six and Paise Forty Only
21	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked black solid plastic seat and lid.	2.00	No	4466.65	8933.30	INR Eight Thousand Nine Hundred & Thirty Three and Paise Thirty Only
22	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mmwith a single 15 mm C.P. brass pillar tap	6.00	No	1661.35	9968.10	INR Nine Thousand Nine Hundred & Sixty Eight and Paise Ten Only

23	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately.):Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868. minimum anodic coating of grade AC 15)	41.54	Kg	367.10	15249.33	INR Fifteen Thousand Two Hundred & Forty Nine and Paise Thirty Three Only
24	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately.):Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868. minimum anodic coating of grade AC 15)	54.98	Kg	434.00	23861.32	INR Twenty Three Thousand Eight Hundred & Sixty One and Paise Thirty Two Only
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item.):With float glass panes of 4.0 mm thickness With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	24.16	Sqm	824.65	19923.54	INR Nineteen Thousand Nine Hundred & Twenty Three and Paise Fifty Four Only
26	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of 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).	0.63	Cum	8356.10	5264.34	INR Five Thousand Two Hundred & Sixty Four and Paise Thirty Four Only
27	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete :Thermo-Mechanically Treated bars of grade Fe-500D or more.	50.40	Kg	75.85	3822.84	INR Three Thousand Eight Hundred & Twenty Two and Paise Eighty Four Only
28	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work..20 mm nominal dia Pipes	75.00	Mtr	217.35	16301.25	INR Sixteen Thousand Three Hundred & One and Paise Twenty Five Only

29	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. External work 25 mm nominal outer dia Pipe	12.00	Mtr	298.65	3583.80	INR Three Thousand Five Hundred & Eighty Three and Paise Eighty Only
30	Supplying labours, tools and tackles for cleaning filled and choaked man hole, septic tank, inspection-chamber, gullay pits, sewerage tank etc. in all lift and disposal of spoils upto a lead of 50M all complete as per specification and direction of E/I.	8.40	Mtr	1170.59	9832.96	INR Nine Thousand Eight Hundred & Thirty Two and Paise Ninety Six Only
31	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.75 mm diameter	9.00	Mtr	172.65	1553.85	INR One Thousand Five Hundred & Fifty Three and Paise Eighty Five Only
32	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 75 mm bend	6.00	No	79.70	478.20	INR Four Hundred & Seventy Eight and Paise Twenty Only
33	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.110 mm diameter	18.00	No	262.40	4723.20	INR Four Thousand Seven Hundred & Twenty Three and Paise Twenty Only
34	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 110 mm bend	12.00	No	114.60	1375.20	INR One Thousand Three Hundred & Seventy Five and Paise Twenty Only
35	Half brick masonry 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. Cement mortar 1:4 (1 cement :4 coarse sand)	12.00	Sqm	782.66	9391.92	INR Nine Thousand Three Hundred & Ninety One and Paise Ninety Two Only
36	P/F fly proof galvanised M.S. wire gauze to windows using galvanised M.S wire gauze with average width of aperture 1.4 mm of dia. 0.63 mm . With aluminum frame.	7.61	Sqm	312.29	2376.53	INR Two Thousand Three Hundred & Seventy Six and Paise Fifty Three Only
37	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	No	4774.45	9548.90	INR Nine Thousand Five Hundred & Forty Eight and Paise Ninety Only

38	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink without drain board 610x510 mm bowl depth 200 mm	2.00	No	3598.80	7197.60	INR Seven Thousand One Hundred & Ninety Seven and Paise Sixty Only
39	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.	2000.00	Ltr	8.40	16800.00	INR Sixteen Thousand Eight Hundred Only
40	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	59.40	Sqm	43.75	2598.75	INR Two Thousand Five Hundred & Ninety Eight and Paise Seventy Five Only
41	Providing and fixing of Health Faucet with PVC Flexible Tube and Wall Hook, Jet Spray for Toilet as per direction of EIC.	4.00	No	731.09	2924.36	INR Two Thousand Nine Hundred & Twenty Four and Paise Thirty Six Only
42	Providing and fixing of CPVC Ball Valve 25 mm as per direction of EIC.	4.00	No	319.41	1277.64	INR One Thousand Two Hundred & Seventy Seven and Paise Sixty Four Only
43	Excavation work 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 soils as directed within a lead of 50m.	4.32	Cum	188.45	814.10	INR Eight Hundred & Fourteen and Paise Ten Only
44	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - 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)	4.32	Cum	5916.00	25557.12	INR Twenty Five Thousand Five Hundred & Fifty Seven and Paise Twelve Only
45	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)	5.03	Cum	6322.61	31802.73	INR Thirty One Thousand Eight Hundred & Two and Paise Seventy Three Only
46	Providing reinforced by organic fibres and/or inorganic synthetic fibres cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.	14.85	Sqm	389.10	5778.14	INR Five Thousand Seven Hundred & Seventy Eight and Paise Fourteen Only
47	Excavation work 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 soils as directed within a lead of 50m.	25.21	Cum	188.45	4750.82	INR Four Thousand Seven Hundred & Fifty and Paise Eighty Two Only

48	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	1.65	Cum	1844.00	3042.60	INR Three Thousand &Forty Two and Paise Sixty Only
49	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	1.65	cum	5167.75	8526.79	INR Eight Thousand Five Hundred & Twenty Six and Paise Seventy Nine Only
50	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 (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	4.56	cum	7365.50	33586.68	INR Thirty Three Thousand Five Hundred & Eighty Six and Paise Sixty Eight Only
51	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(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	2.33	Cum	8441.35	19668.35	INR Nineteen Thousand Six Hundred & Sixty Eight and Paise Thirty Five Only
52	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).	4.14	Cum	8797.65	36422.27	INR Thirty Six Thousand Four Hundred & Twenty Two and Paise Twenty Seven Only
53	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete :Thermo-Mechanically Treated bars of grade Fe-500D or more.	1047.85	Kg	75.85	79479.42	INR Seventy Nine Thousand Four Hundred & Seventy Nine and Paise Forty Two Only
54	Centring and shuttering including strutting, propping etc. and removal of form for removal of form for: (A) Foundations, footings, bases of columns, etc. for mass concrete.	32.21	Sqm	262.55	8456.74	INR Eight Thousand Four Hundred & Fifty Six and Paise Seventy Four Only
55	Centring and shuttering including strutting, propping etc. and removal of form for removal of form for: (D)Columns, Pillars, Piers, Abutments, Posts and Struts	40.48	Sqm	621.80	25170.46	INR Twenty Five Thousand One Hundred & Seventy and Paise Forty Six Only
56	Centring and shuttering including strutting, propping etc. and removal of form for removal of form for: (B) Lintels, beams, plinth beams, girders, bressumers and cantilevers.	36.00	Sqm	470.70	16945.20	INR Sixteen Thousand Nine Hundred & Forty Five and Paise Twenty Only
57	12 mm cement plaster of mix : 1:6 (1 cement : 6 fine sand)	301.80	Sqm	217.70	65701.86	INR Sixty Five Thousand Seven Hundred & One and Paise Eighty Six Only

58	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)	25.60	Cum	5150.01	131840.26	INR One Lakh Thirty One Thousand Eight Hundred & Forty and Paise Twenty Six Only
59	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)	11.37	Cum	6322.61	71888.08	INR Seventy One Thousand Eight Hundred & Eighty Eight and Paise Eight Only
60	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	301.80	Sqm	74.70	22544.46	INR Twenty Two Thousand Five Hundred & Forty Four and Paise Forty Six Only
61	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	15.00	Sqm	263.75	3956.25	INR Three Thousand Nine Hundred & Fifty Six and Paise Twenty Five Only
62	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore	16.00	Sqm	263.75	4220.00	INR Four Thousand Two Hundred & Twenty Only
63	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :100 mm diameter	4.00	Sqm	144.40	577.60	INR Five Hundred & Seventy Seven and Paise Sixty Only
64	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					1782222.63	INR Seventeen Lakh Eighty Two Thousand Two Hundred & Twenty Two and Paise Sixty Three Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				