Validate Print	Help	Percentage BoQ
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Tender Inviting Authority: Project Engineer(civil),Sawang Colliery, Kathara Area

## Repair and Maintenance of damaged boundary wall & Heightening of existing boundary wall with concertina coil & Provision of Security Post at Entrance point of Workshop premises at Sawang Colliery, Kathara Area

		Category of Bidder( To Be Selected by Bidder)	To Be Entered by Department		
ITC 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 #
SI. 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					
2	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m All kinds of soil.	9.86	m3	188.45	1858.12	INR One Thousand Eight Hundred & Fifty Eight and Paise Twelve Only
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	1.03	m3	1844.00	1899.32	INR One Thousand Eight Hundred & Ninety Nine and Paise Thirty Two 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 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	1.92	m3	5916.00	11358.72	INR Eleven Thousand Three Hundred & Fifty Eight and Paise Seventy Two Only
5	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 de rived from natural sources)	2.11	m3	7365.50	15541.21	INR Fifteen Thousand Five Hundred & Forty One and Paise Twenty Only
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, filets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 5.2.2 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)	0.71	m3	8441.35	5993.36	INR Five Thousand Nine Hundred & Ninety Three and Paise Thirty Six Only

7	Reinforced cement concrete work in beams, suspended floors, roofs having slope ur to 15° landings, balconies, shelves, chajlas, lintels, bands, plain window sills, staircases and spiral staircases 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 incuding manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20%: 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%)	0.55	m3	8628.65	4745.76	INR Four Thousand Seven Hundred & Forty Five and Paise Seventy Six Only
8	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.	286.45	kg	75.85	21727.23	INR Twenty One Thousand Seven Hundred & Twenty Seven and Paise Twenty Three Only
9	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	6.20	m2	262.55	1627.81	INR One Thousand Six Hundred & Twenty Seven and Paise Eighty One Only
10	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	10.22	m2	470.70	4810.55	INR Four Thousand Eight Hundred & Ten and Paise Fifty Five Only
11	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	12.00	m2	621.80	7461.60	INR Seven Thousand Four Hundred & Sixty One and Paise Sixty Only
12	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	0.90	m3	5322.15	4789.94	INR Four Thousand Seven Hundred & Eighty Nine and Paise Ninety Three Only
13	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 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)	28.34	m3	6494.75	184061.22	INR One Lakh Eighty Four Thousand &Sixty One and Paise Twenty One Only
14	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	m2	452.50	2715.00	INR Two Thousand Seven Hundred & Fifteen Only
15	12 mm cement plaster of mix 1:6 (1 cement: 6 fine sand)	226.96	m2	217.70	49409.19	INR Forty Nine Thousand Four Hundred & Nine and Paise Nineteen Only
16	Finishing walls with water proofing cement paint of required shade New work (Two or more coats applied @ 3.84 kg/10 sqm)	226.96	m2	74.70	16953.91	INR Sixteen Thousand Nine Hundred & Fifty Three and Paise Ninety One Only
17	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.	277.34	kg	77.95		INR Twenty One Thousand Six Hundred & Eighteen and Paise Sixty Five Only
18	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	2.25	m2	3730.40		INR Eight Thousand Three Hundred & Ninety Three and Paise Forty Only
19	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	21.40	m2	145.35		INR Three Thousand One Hundred & Ten and Paise Forty Nine Only
20	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	6.70	m2	551.30		INR Three Thousand Six Hundred & Ninety Three and Paise Seventy One Only
21	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	20.25	kg	145.60	2948.40	INR Two Thousand Nine Hundred & Forty Eight and Paise Forty Only

	ade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat -18 microns. Sheet should have protective guard film of 25 microns minimum to oid scratches during transportation and should be supplied in single length upto metre or as desired by Engineer-in- charge. The sheet shall be fixed using self illing /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto ny pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, fiters and trusses and including cutting to size and shape wherever required  otal impact of GST for the purpose of CTC	1.000	Nos Select	0.00	419016.14	INR Zero Only INR Four Lakh Nineteen Thousand &Sixteen and Paise Fourteen Only INR Zero Only
26 To Total in Figures	i-18 microns. Sheet should have protective guard film of 25 microns minimum to old scratches during transportation and should be supplied in single length upto metre or as desired by Engineer-in- charge. The sheet shall be fixed using self illing /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto by pitch in horizontal/vertical or curved surfaces, excluding the cost of purlins, feers and trusses and including cutting to size and shape wherever required				419016.14	INR Four Lakh Nineteen Thousand &Sixteen and Paise Fourteen Only
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raf	i-18 microns. Sheet should have protective guard film of 25 microns minimum to old scratches during transportation and should be supplied in single length upto metre or as desired by Engineer-in- charge. The sheet shall be fixed using self illing /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto by pitch in horizontal/vertical or curved surfaces, excluding the cost of purlins,	8.39	m2	571.00		
of 0.5 0.0 gra 15- ave 12 dri	oviding and fixing precoated galvanised iron profile sheets (size, shape and pitch corrugation as approved by Engineer-in-Charge) of total coated thickness 50mm (base metal of minimum 0.45mm thickness with total coating thickness of 05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel					INR Four Thousand Seven Hundred & Ninety and Paise Sixty Nine Only
blo bo dia tw to wo	ncing with R.C.C. post placed at required distance, embedded incement concrete ocks, every 15th post, last but one end post andcorner post shall be strutted on this sides and end post one sideonly, provided with horizontal lines and two agonals of barbed wireweighing 9.38 kg per 100 metres (minimum), between the 10 postsfitted and fixed with G.I. staples on wooden plugs or G.I. binding wiretied 6 mm bar nibs fixed while casting the post (cost of R.C.C.posts, struts, earth ork and concrete to be paid for separately): Payment to be made per metre cost total length of barbed wire used. With G.I. barbed wire	520.08	mtr	10.25		INR Five Thousand Three Hundred & Thirty and Paise Eighty Two Only
3 g nib	C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement: 1.5 coarsesand : graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6rnm bar bs wherever required as per direction of Engineer-in charge (cost of earth works excavation, concrete works in foundation to be paid separately).	0.83	m3	24223.25		INR Twenty Thousand One Hundred & Five and Paise Thirty Only
mr me 2.4 wii bai wit str	oviding and fixing concertina coil fencing with punched tapeconcertina coil 600 m dia 10 metre openable length ( total length90 m), having 50 nos rounds per 6 etre length, upto 3 m height ofwall with existing angle iron 'Y' shaped placed 4m or 3.00 m apartand with 9 horizontal R.B.T. reinforced barbed wire, stud tied thG.I. staples and G.I. clips to retain horizontal, including necessarybolts or G.I. but be wire tied to angle iron, all complete as per directionof Engineer-in-charge, th reinforced barbed tape(R.B.T.) / Springcore (2.5mm thick) wire of high tensile rength of 165 kg/ sq.mmwith tape (0.52 mm thick) and weight 43.478 gm/ metre ost of M.S. angle, C.C. blocks shall be paid separately)	55.00	mtr	255.85		INR Fourteen Thousand &Seventy One and Paise Seventy Five Only