

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-01

SHORTURGENT TENDER NOTICE NO. Engg./17 (Civil)/2019-20

Sl. No.	Name of the Work :-	Aluminium Partition and Painting Work for Eye Bank at First Floor of Polyclinic Building at IGIMS, Patna.		
1	Estimated Cost (In Rs.) :-	Rs. 11,97,340.00		
2	Earnest Money (In Rs.) :-	Rs. 24,000.00		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 2,500/-		
4	Time of completion :- (In Days)	45 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
Sl. No.	Item Description Schedule	Unit	Qty.	Rate

CIVIL SCHEDULE				
<u>PAINTING AND FINISHING WORK</u>				
1	<i>Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 Sqm and under including cutting the patch in proper ing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.</i>			-
a	<i>With cement mortar 1:4</i>	<i>Sqm</i>	<i>20.00</i>	<i>213.3</i>
2	<i>Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete</i>	<i>Sqm</i>	<i>165.00</i>	<i>8.10</i>
3	<i>Distempering with oil bound washa ble Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)</i>	<i>Sqm</i>	<i>165.00</i>	<i>27.20</i>
4	<i>Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer</i>	<i>Sqm</i>	<i>165.00</i>	<i>31.70</i>
5	<i>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</i>	<i>Sqm.</i>	<i>20.00</i>	<i>82.80</i>
6	<i>Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work</i>	<i>Sqm.</i>	<i>30.38</i>	<i>45.20</i>

7	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring			
a	Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending. sqm	Sqm.	72.00	1,357.90
8	Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc.complete.Size of Tile 600x600 mm.	Sqm.	76.50	1,520.90
9	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	Sqm.	76.50	-429.30
10	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	Sqm.	76.50	380.60
11	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) of approved make in all colours, hades 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 Motar 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.	Sqm.	54.00	739.80
12	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 (1cement : 4coarse 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			

a	Area of slab over 0.50 sqm	Sqm.	6.08	3,699.10
13	Half brick masonry with bricks of class designation 100A in foundations and plinth in : cement mortar 1:4 (1 cement: 4 coarse sand)	Sqm.	5.00	596.80
14	Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand)	Sqm.	10.00	139.90
15	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level			
a	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	cum	0.50	4,902.30
16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			
a	Thermo-Mechanically Treated bars TMTC-500-8mm dia	kg	35.00	77.40
b	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	35.00	76.70
17	Centring and shuttering including strutting,propping etc. and removal of form for.			
a	Lintels, beams, plinth bams, grids, bressumers and contilevers.	Sqm.	5.00	335.30
18	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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle,Aluminium snap beading for glazing / aneling,C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg.	475.60	369.20
19	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	Each	2.00	429.50

20	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.			
a	With stainless steel cover plate minimum 1.25 mm thickness	each	4.00	2,163.50
21	Providing and fixing 4mm thick ACP of approved brand and manufacture in panelling fixed in aluminium doors, window shutters and partition frames, with C.P. brass/stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	sqm	53.00	1,198.89
22	Providing and fixing glazing in aluminium door, window, Ventilator shutter and partition etc. with EPDM rubber/neoprene gasket etc. Complete as per the architectural drawings and the direction of engineering-in-charge. (cost of aluminium snap beading shall be paid in basic item.)			
a	Float glass panes. 5.5 mm thick glass pane.	sqm	15.00	1,017.30
23	Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete 125mm	Each	8.00	54.00
24	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with necessary screws etc.:			
a	300x10mm	each	8.00	105.20
25	Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc.			
a	300x16mm	each	8.00	220.40
26	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.			
a	20 mm nominal bore	metre	48.00	255.70

27	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :			
a	20 mm dia nominal bore.	Each	10.00	332.40
28	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	Each	2.00	401.40
29	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	Each	3.00	588.20
30	Providing and fixing on wall face unplasticised-PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS :4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.			
a	110 mm diameter	mtr.	35.00	238.30
31	Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to IS:4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.			
(ii)	Single tee without door			
	110x110x110 mm	Each	2.00	183.10
(iii)	Band 87.5			
	110 mm dia PVC	Each	2.00	124.70
32	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :			
a	Size 600x450x200 mm	Each	2	3314.40
33	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	each	2.00	49.90
34	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms	Each	2.00	122.10
35	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	2.00	216.90
36	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc. all fixed to steel windows by welding	kg	110.00	114.20
37	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.			
a	50 mm	each	10.00	186.20

38	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. Complete			
a	Double strip (horizontal type)	each	10.00	23.70
39	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with	each	20.00	50.60
40	Extra cost for carriage of Material			
.a	Sone Sand (45 km from Koelwar)	Cum	4.00	878.40
b	Stone Aggregate ,(156 Km From Domchch, Koderma	Cum	0.42	2,564.53
c	Bricks (7P+ 1K)	%o	0.30	767.08
d	Difference of Cost of Bricks	%o	0.30	1,470.46
e	Difference of Cost of Cement	tonn	2.50	636.50
				Rate quoted by bidder
	Civil Non Schedule Item			
41	Providing and fixing fitting aluminium glazed sliding window with 4 mm thick glazing of frost glass fitted on aluminium rail all complete as per specification and direction of E/S.	sqm	21.75	
42	Providing and fixing vertical blind with rolling track etc all Completed	Sqft.	217.89	
	ELECTRICAL SCHEDULE Item			
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.			
a)	Group -C	Each	52.00	724.00
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required			
a)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	Meter	105.00	161.00
b)	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Meter	272.00	200.00
c)	4 x 6 sq.mm + 1 x 6 sq.mm. earth wire	Meter	66.00	410.00
3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required			
a)	3 pin 5/6 Ampsr socket outlet	Each	13.00	81.00
b)	15/16 Amps switch	Each	36.00	134.00
c)	3 pin 5/6 Ampsr socket outlet	Each	13.00	122.00
d)	6 pin 15/16 Amps socket	Each	36.00	185.00
4	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.			

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY-02

SHORTURGENT TENDER NOTICE NO. Engg./17 (Civil)/2019-20

Sl. No.	Name of the Work :-	Repair, Renovation, Painting and Modernization Work of Nephro Department 1st Floor North Wing of Polyclinic Building at IGIMS, Patna.		
1	Estimated Cost (In Rs.) :-	Rs. 8,99,500.00		
2	Earnest Money (In Rs.) :-	Rs. 18,000.00		
3	Cost of B.O.Q. (In Rs.) :-	Rs. 1,250.00		
4	Time of completion :- (In Days)	30 Days		
5	Date, time & place for submission of Complete tender-	As Per NIT		
6	Date and time for opening of tender-(Technical Bid)-	As Per NIT		
7	Date & Time for opening of Price Bid of Technically Suitable bidders.	As Per NIT		
Sl. No.	Item Description Schedule	Unit	Qty.	Rate

CIVIL SCHEDULE				
1	<i>Dismantling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 m lead.,</i>			
a	<i>of area 3 Sq.m. and below</i>	<i>Each</i>	<i>2.00</i>	<i>125.80</i>
2	<i>Dismantling tile work floor and roofs laid in cement mortar including stacking material within 50 metres lead.</i>	<i>Sqm</i>	<i>15.00</i>	<i>25.25</i>
3	<i>Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 Sqm and under including cutting the patch in proper ing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.</i>			
a	<i>With cement mortar 1:4</i>	<i>Sqm</i>	<i>75.00</i>	<i>213.30</i>
4	<i>Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches tec. Complete</i>	<i>Sqm</i>	<i>450.00</i>	<i>8.10</i>

5	<i>Distemping with oil bound washable Distemper of approved brand and manufacture to give an even shade .Old work (one or more coats)</i>	<i>sqm</i>	<i>450.00</i>	<i>27.20</i>
6	<i>Applying one coat of distemper primer of approved brand and manufacture on wall surface:Distemper primer</i>	<i>Sqm.</i>	<i>450.00</i>	<i>31.70</i>
7	<i>Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:One or more coats on old work</i>	<i>Sqm.</i>	<i>50.00</i>	<i>45.20</i>
8	<i>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</i>	<i>Sqm.</i>	<i>150.00</i>	<i>82.80</i>
9	<i>Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc.complete.Size of Tile 600x600 mm.</i>	<i>sqm</i>	<i>39.35</i>	<i>1,520.90</i>
10	<i>Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.</i>	<i>sqm</i>	<i>39.35</i>	<i>-429.30</i>
11	<i>Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.</i>	<i>sqm</i>	<i>39.35</i>	<i>380.60</i>
12	<i>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 (1cement : 4coarse 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</i>			
a	<i>Area of slab over 0.50 sqm</i>	<i>sqm</i>	<i>6.50</i>	<i>3,699.10</i>
13	<i>Providing sal wood work in frame of doors(choukhats) and fixed in position.</i>	<i>Cum</i>	<i>0.08</i>	<i>87,862.50</i>

14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) 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 Motar 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.	sqm	42.00	739.80
15	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join,C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring			
a	Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending. sqm	Sqm.	35.00	1,357.90
16	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.			
a	1.0 mm thick	sqm	73.00	541.20

17	<i>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. Concealed work, including cutting chases and making good the.</i>			
a	<i>20 mm nominal outer dia Pipes</i>	<i>metre</i>	<i>10.00</i>	<i>255.70</i>
b	<i>25 mm nominal outer dia Pipes</i>	<i>metre</i>	<i>25.00</i>	<i>308.00</i>
18	<i>Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :</i>	<i>each</i>	<i>6.00</i>	<i>401.40</i>
19	<i>Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.</i>	<i>each</i>	<i>6.00</i>	<i>588.20</i>
20	<i>Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :</i>			
a	<i>25 mm nominal bore</i>	<i>each</i>	<i>4.00</i>	<i>461.80</i>
21	<i>Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :</i>			
a	<i>20 mm nominal bore</i>	<i>each</i>	<i>2.00</i>	<i>332.40</i>
b	<i>25 mm nominal bore</i>	<i>each</i>	<i>2.00</i>	<i>369.80</i>
22	<i>supply and fixing bright finished brass hanging type floor door stopper with necessary screws etc complete.</i>	<i>Each</i>	<i>10.00</i>	<i>91.70</i>
23	<i>Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.</i>	<i>each</i>	<i>3.00</i>	<i>49.90</i>
24	<i>Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms</i>	<i>each</i>	<i>3.00</i>	<i>122.10</i>
25	<i>Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete</i>	<i>each</i>	<i>3.00</i>	<i>741.90</i>
26	<i>Providing and fixing aluminium sliding door bolt anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete: 250x 16 mm</i>	<i>Each</i>	<i>5.00</i>	<i>195.50</i>

27	<i>Providing and fixing alluminium sliding tower bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete:</i>			
a	300x10 mm	Each	15.00	105.20
28	<i>Providing and fixing alluminium handles anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete100mm</i>	Each	5.00	54.00
29	<i>Supply and fixing IS : 3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screw etc. Complete.</i>	Each	8.00	429.50
30	<i>Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required :</i>			
a	White glazed fire clay kitchen sink of size 600x450x250 mm	Each	2.00	2,480.10
31	<i>Providing and fixing white vitreous china laboratory sink with C.I. brackets,C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :</i>			
a	Size 600x450x200 mm	Each	2.00	3,314.40
32	<i>Providing and fixing bright finished brass Handles with screws etc. complete:</i>			
a	100mm	each	10.00	169.80
33	<i>Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with</i>	each	10.00	50.60
34	<i>Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. Complete</i>			
a	Double strip (horizontal type)	each	5.00	23.70
35	<i>Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc. All complete.</i>	kg	50.00	114.20
36	Extra cost for carriage of Material			
a	Sone Sand (45 km from Koelwar)	Cum		878.40

			6.00	
b	Difference of Cost of Cement	tonn	2.43	636.50
	(A) Total Amount of Civil SI (Rs.):-			
	CIVIL NON SHEDULE ITEM			Rate Quoted by bidder
37	Providing and fixing flush door shutter of century board or greenply or kitply have non decorative typecore of block board 32 mm t hick including anodised aluminium butt highest with necessary screws aluminium handle, l-drope, twoer bold etc as per specification of E/S.	Sqm.	2.88	
38	FLOORING: P& F flexible PVC Sheet flooring in 2.0 mm sheomess in the size of 2mx20miter area classification 23/34/43. Results from independent testing demonstrate that product inherently inhibits the growth of microbial strain MRSA. It shall be homogeneous single layer and monolayer in construction, and shall be manufactured by calendaring and pressing, to ensu8re a dense & smooth. The flooring shall incorporate a specially formulated polyurethane reinforcement, to give life long polish free maintenance. Homogeneous PVC Vinyl flooring (imported) with total weight 3250 g/m2 polyurethane reinforced 9PUR), Abrasion group: 50.15mm, residual identification approx..01 mm, castor wheel test qualified, dimensional stability EN-434, Static electrical charge < 2kv, impact sound reduction approx, good resistance of scratch, slip, chemical and firedoesnt's favour in growth of fungi & bacteria, BRE certified class 'A'	sqm	60.00	
39	Providing and fixing fitting aluminium glazed sliding window with 4 mm thick glazing of frost glass fitted on aluminium rail all complete as per specification and direction of E/S.	sqm	18.34	
40	Providing and fixing vertical blind with rolling track etc all completed	Sqft.	452.65	
41	P&F flexible PVC sheet wall cladding in 1.25 mm thickness in the size of 1.83x30mtr with polyurethane surface treatment,with the testing results of inhibits the growth of MRSA in the walls with the clean room certification. HomogeneousPVC Vinyl wall covering (imported) with total weight 2120 g/m2 polyurethene sheild,dimentional stablity ≤0.40%,wetroom test qualified,good resistance to chemical & fire,anti fungi & bacterial growth,class A in clean room test and available in various colour shade. (polyflor polyclad PU) / Equivalent.	sqm	65.21	

42	Providing and fixing 6mm thick entutuary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per archiectureal drawings and directions of engineer-incharge	sqm	50.76	
43	Providing and fixing 12mm thick entutuary/Green ply of approved brand. For cup-board , ward robe , partition / panelling Etc. All complete as per archiectureal drawings and directions of engineer-incharge	sqm	13.50	
(B) Total Amount Civil NSI (Rs.):-				
ELECTRICAL WORK Schedule item				
1	Supplying and Fixing indoor recess mounting 36 watt LED flat panel light luminaire suitable for armstrong / grid ceiling and complete with electronic driver etc. Directly on false ceiling including connection with 1.5 sq mmFR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	6.00	4,023.00
2	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	1.00	996.00
(C) Total Amount Electrical S.I (Rs.):-		Total Schedule Rs		
Electrical Non- Schedule Item				Rate Quoted by bidder
3	Supplying and instalation of 450 mm 230 volt V3 A.C Wall /Cabin fan with alluminium body, including fixing the bracket ,making connection testing commissioning etc as required	Each	4.00	
4	Supplying, fitting, fixing 2 TR Window Air conditioner of standard make including required stabiliser of required capacity all complete(Make- Voltas/Hitachi/Lloyd/OGeneral/Daikin or equivalent make)	Each	1.00	
5	25 mm Dia PVC Flexible Drain Pipe	Meter	15.00	

