

BOQ**Repair & renovation of Jodabandh Sub Centre of Bisra Block for the year 2024-25. (For NQAS)**

Sl. No.	Item	Quantity	Unit	Rate	Amount
1	Earth work in foundation in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.	2.40	Cum	269.70	647.28
2	Supplying & filling foundation and plinth with sand well watered and rammed including cost, cost of all labour, carriage, royalty, taxes, T&P etc complete.	2.50	Cum	502.90	1257.25
3	Cement Concrete (1:3:6) using 40mm size hard granite C.B. metal approved quality from approved quarry including hoisting laying using concrete mixture and vibrators including cost, carriage, royalty, cost of all labour T.&P. etc complete and as directed by E.I.C.	2.84	Cum	5448.30	15473.17
4	C.C. (1:2:4) with 12mm and down grade C.B. chips approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and including cost, carriage, royalty, cost of all labour T.&P. etc complete and as directed by E.I.C.	2.24	Cum	7016.90	15717.85
5	R.C.C. M-25 grade with 20mm and down grade C.B. chips of approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but excluding cost of reinforcement complete.				
	Precast slab	0.15	Cum	7125.40	1068.81
6	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel. etc. complete.	0.15	Qntl	9048.00	1357.20
7	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:6) in Foundation and Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	2.08	Cum	5407.00	11246.56
8	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:6) in Superstructure including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	3.50	Cum	5440.30	19041.05
9	4cm thick grading concrete (1:2:4) on roof slab with 12mm & down graded size hard crusher broken granite chips on old work including watering curing cost of all materials, water-proofing compounds, wire mesh T. & P. required for the works etc complete.	87.55	Sqm	845.80	74049.79
10	Supplying M.S Door & Window made out with ms flat, angle of approved design & specification including cost of all materials cost of manufacture, cost of one coat of primer, all taxes T&P etc complete as per the direction of Engineer-in-charge.	143.95	kgs	76.80	11055.36
11	Labour charge for fitting, fixing of M.S door, window, grill, Gate including all cost etc complete as per the direction of Engineer-in-charge.	1.89	Sqm	94.30	178.22

12	12mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	58.44	Sqm	180.90	10571.79
13	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment , watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	9.21	Sqm	204.30	1881.60
14	Fixing Vitrified Industrial tiles in floors treads or steps and on 20mm thick bed of cement mortar 1:4 (1cement : 4 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost, carriage, royalty & taxes of all materials, cost of all labours T&P etc complete.	6.30	Sqm	1044.30	6579.09
15	Supplying, fitting and fixing Granite tile in floors of approved make conformaing to IS : 13755 laid on 20 mm thick cement mortar (1:4) (1 cement :4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C. (For New work only)	2.01	Sqm	1745.30	3508.05
16	Fixing Granite tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.	0.33	Sqm	1876.40	619.21
17	Supplying, fitting & fixing of PPGL sheet (Pre-painted Galvanized sheet) of 0.50 mm thick in roof with fitting & fixing of wind ties including cost, carriage & taxes of all materials cost of all labour for fixing and cost of fitting materials & drilling holes in wind ties etc. complete.	6.25	Sqm	808.50	5053.12
18	Fixing glazed tiles (30cmx30cm / 40cm x 40cm special plain/printed series ceramic tiles of premium grade having thickness 7 mm to 8mm confirming to IS 13755) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1cement : 4sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost of tiles.	2.41	Sqm	895.20	2157.43
19	Fixing glazed tiles (20cmx30cm / 20cm x 20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including cost of tiles.	11.50	Sqm	974.30	11204.45
20	Providing fitting and fixing up partition walling OEL aluminum anodized section No.9210 and 9207 as single groove and double groove respectively as horizontal and vertical member and OEL section 4660 as Tapered clip for fixing up 12mm thick pre laminated board (Nova pan Make) and jointing angle No. 1855 but excluding cost of glass and pre laminated boardetc complete	84.43	Sqm	636.50	53738.93
21	Providing fitting, fixing of Aluminium door with anodized Al. door section of 9202 as verticalmember, 9201 as top member and 9200 as bottom and middle member with frame section as 9221by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc. complete. excluding cost of laminated board.	28.86	Sqm	536.10	15473.99
22	Providing and fitting of zinc coated wire mesh) for windows, door and ventilators including cost of all materials, labour T&P etc. complete. (Measurement to be taken as per actual)	16.49	Sqm	333.30	5496.11

23	Providing and fitting of (12 mm thick) Pre-laminated Board Standard Type (ISI) in Alluminium frame of doors, windows & ventilatos etc. including cost of all materials, labour T&P etc. complete. (Measurement to be taken as per actual)	2.20	Sqm	753.80	1658.36
24	Painting 2 coats with any approved paint in new iron works including sand papering, polising surfaces, cost of paints, cost of all labour, T&P, etc complete in all floors as per direction of Engg-in charge.	107.23	Sqm	181.40	19451.52
25	Finishing plastered surface of wall surface with Acrylic wall putty (Water based) & making smooth to recive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc complete as per the direction of Engineer-in-charge.	81.89	Sqm	108.80	8909.63
26	Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in-charge.	506.11	Sqm	79.00	39982.69
27	Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint etc complete.	222.55	Sqm	102.60	22833.63
28	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless aquare pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxses of all material, cost of all labour etc. complete in all respect. (in all floor)	278.64	Kgs	277.30	77266.87
29	Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shade including cost of weather coat all cost of all labours and T&P etc. complete .	506.11	Sqm	95.70	48434.72
30	Providing & fixing of cup board consisting of BWR Ply wood (ISI) with decorative Laminated both sides including all types of fittings such as handle, lock chain, magnet channel, screws, bolt & nuts etc and jointing, finishing to a flush finish bonded with adhesive etc complete as per direction of the department	2.55	Sqm	17387.80	44338.89
31	Supplying and fixing of Pre cast kerb stone of size 300mm x 300mm x 150mm of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction fixed in required pattern etc. complete in all respect confirming to IS 5758:1984.	35.00	Nos	162.56	5689.60
32	Providing fitting and fixing of Informatory Sign Board using high efficiency full cube retro reflective sheeting on white colour bonded on to 4 mm aluminium composite panel(0.25+3.5+.25 pdvf coated) over which alphabets and number and reverse cut with computerised cutting plotter,the board shall be provided with frame madeout of stainless pipe shall be mounted on vertical posts made out of 80 mm N.R,Stainless pipe as have installed including necessary excavation for foundation,concreting,reveting etc.necessary for fixing of the board including cost,conveyance,taxes of all materials,all labour and T&P,required for the work as per direction of the Engineer -In -Charge.	2.88	Sqm	20463.40	58934.59
33	Providing colour ,Painting of branding of HWC	21.45	Sqm	683.26	14655.92
34	Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP - 63:2018.	30.00	Sqm	608.40	18252.00
	P.H work				

35	Supplying all materials,labour,T&P and fitting & fixing of 4.0 kgf/cm2 U-PVC soil waste ventilating pipes and fitting of the following O.D conforming to ISI No.13592/1992 to walls with nails bobbins and wooden plugs or earth work in excavation in all kinds of soil for laying in trenche including jointing with supply of approved rubber lubricant by non-heat application method/as per manufactures specification including tasting and refilling and trenches as per direction of E.I.C.				
	110mm dia.U-PVC SWR pipes	3.00	mtr	258.20	774.60
	(b)110mm dia.U-PVC P-trap	2.00	each	381.10	762.20
	(c)110mm dia.U-PVC HR Bend	2.00	each	176.30	352.60
	(d)110mm dia.U-PVC SWR Double junction door	2.00	each	423.60	847.20
	(e)110mm dia.U-PVC SWR door bend	2.00	each	251.10	502.20
	(f)110mm dia.U-PVC SWR Offset	2.00	each	477.70	955.40
	(g)110mm dia.U-PVC SWR plain bend	2.00	each	175.90	351.80
	(h)110mm dia.U-PVC SWR Plain Tee	2.00	each	316.30	632.60
	(i)110mm dia.U-PVC SWR vent cowl	2.00	each	84.90	169.80
	(j)125mm dia CP greatings	1.00	each	86.40	86.40
36	Supplying all materials,labour,T&P cutting holes through brick/stone masonry works including making good the damages in cm(1:4)for taking HCl/PVC pipe & fitting etc. all complete as per PH specification and direction of E.I.C.				
	(a)375mm thick wall	1.00	each	259.20	259.20
	(b)250mm thick wall	2.00	each	203.60	407.20
37	Supplying all materials, labour, T&P and fixing wash down water closet(E.W.C)with integral 'S' or 'P' trap to the floor with wooden plug and CP screw including jointing the trap with soil waste pipe in cm(1:1)etc all complete as per specification and direction of the E.I.C.				
	(a)EWC with 'P'&'S' trap plain (Nycer/Cera/Hindware/Parryware)	1.00	each	2686.40	2686.40
38	Supplying all materials,labour,T&P and fixing of plastic seat cover for EWC with chromium plated brass hinges and rubber buffer etc all complete as per specification and direction of the E.I.C.				
	plastic seat cover for EWC	1.00	each	761.40	761.40
39	supplying all labour,T&P materials & fixing wash Kitchen Sink with CI/MS Brackets painted white including holes in walls and making good the damages etc. all complete as per PH specification and direction of E.I.C.				
	(a)600mmx450mmx200mm Steel sink with 40mm dia CP west,west pipe and brackets.	1.00	each	5464.30	5464.30
40	Supplying all materials,labour,T&P and fixing CP soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specifications and direction of E.I.C.				
	(a)CP Soap holder	1.00	each	319.60	319.60
41	Supplying all materials,labour,T&P and fixing mirror of superior glass mounted on 6mm thick AC sheet or plywood sheet and fixed to wooden plugs with CP screws and washers complete as per specification and direction of the E.I.C.				
	(a)600mmx450mm B.E.Mirror	1.00	each	823.70	823.70
42	Supplying all materials,labour,T&P and fixing standard sized CP towel rail complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of E.I.C.				
	(a)25mmx600mm long CP towel rail	1.00	each	1025.30	1025.30

	(b)CP Towel Ring	1.00	each	546.80	546.80
43	Supplying all materials,labour T&P and fitting and fixing 10 Ltrs capacity PVC LL flushing cistern with a pair of CI/MS brackets complete with fittings such as syphonic arrangement,15mm nominal size brass/PVC ball valve with polythene float,CP/Brass handle,unions and couplings for connection with inlet,outlet,over flow pipes,32mm dia PVC flushbend,15mm dia PVC connection pipes including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with supply main with etc all complete as per specification and direction of the E.I.C.				
	(a)10 lit PVC L/L Cistern(Parry ware)	1.00	each	1790.60	1790.60
44	Supplying all materials,labour,T&P and laying in trenches 4kg/cm2 U-PVC SWR soil waste ventilating pipes for sewer line of following dia in trenches (to slope or level)and jointing with supply of approved solvent cement by non-heat application method cc(1:3:6)using 40mm size HG metal on bed of the trenches and all round concrete encasing with cc(1:4:8)using 40mm size HG metal,earthwork in excavation in trenches in all kinds of soil refilling the same in a layer of 0.30mtr with watering, ramming and removing of surplus earth, testing the S.W. pipeline etc. all complete as per approved drawing, specification and direction of the E.I.C.				
	(a)110mm dia PVC pipe with allround encasing	9.99	mtr	1294.30	12924.88
45	Supplying all materials,labour,T&P and constructing soakway pit of the following size with dry brick walling from bottom upto invert of inlet pipe and 1st class KB brick work in cm(1:6)for the remaining height at top,12mm thick CP(1:4)inside and outside over masonry brick work gravel packing in the rear of well steining,RCC cover slab in cc(1:1.5:3)using 12mm HG chips,fitted with iron lifting handles including earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works,watering,curing,conveyance of all materials to work site,payment of royalty, taxes etc all complete as per approved specification and direction of the E.I.C.				
	(b)RCC Ring Soak way Pit 1.22m dia x 2.00m Deep	2.00	each	5780.90	11561.80
46	Supplying all materials,labour,T&P and providing&fixing to wall or ceiling and floor pvc pipes confirming to ASTM-D-1785/89(sch-80)and pipe fittings of the nominal bore with clamps including making good the wall,ceiling and floor all complete as per specification and direction of E.I.C.				
	(a)20mm dia C-PVC Pipe(Internal)	6.00	mtr	278.60	1671.60
	(b)25mm dia U-PVC Pipe(External)	8.00	mtr	105.60	844.80
47	Supplying all materials,labour,T&P and cutting holes for taking GI/PVC pipes and making good the damages as per the direction of E.I.C.	2.00	each	55.60	111.20
48	Supplying all materials,labour,T&P and cutting grooves in pucca floor and walls for taking G.I/PVC pipes and making good the damages as per the direction of E.I.C.	3.00	mtr	194.80	584.40
49	Supplying all materials,labour,T&P and fixing brass/CP fittings of thefollowing nominal bore with supply of all jointing materials complete as per specification and direction of E.I.C.(Jaquar Make)				
	(a)15mm dia CP Bib cock	1.00	each	1213.80	1213.80
	(b)15mm dia CP(LB) Bib cock	1.00	each	1607.50	1607.50
	(c)15mm dia CP Two way Bib cock	1.00	each	1386.00	1386.00
	(d)15mm dia CP Pillar cock Elbow action	1.00	each	2329.60	2329.60
	(e)15mm dia CP Angle stop cock	1.00	each	1033.70	1033.70

	(f)15mm dia CP Concealed stop cock	1.00	each	1772.00	1772.00
	(g)15mm dia CP Revolving Shower with shower Arm	1.00	each	579.50	579.50
	(h)15mm dia Health Faucet & 1.0m long Flexible pipe	1.00	each	1361.40	1361.40
	(i)25mm dia PVC F.W.V.	1.00	each	794.40	794.40
	(j)15mm dia CP Flange	2.00	each	52.07	104.14
	E.I work				
50	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metalic PVC flexible conduit with 5 Amp,one way modular switch ISI marked and ceiling rose ISI marked mounted on Modular G.I. box having front bakelite cover of suitable size , MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire - Polycab/Finolex/ L&T / Anchor / Havells / V Guard/ KEI/ Great White)Modular Type (Gr.A) (1.1.1-1.24.2)	2	Point	471.98	943.96
51	-do- (Gr.B) (1.1.2-1.24.2)	4	Point	714.06	2856.24
52	-do- (Gr.C) (1.1.3-1.24.2)	2	Point	1018.74	2037.48
53	S/F of M.S. Box for 4 Module 18 swg (1.24.3)	2	Each	268.83	537.66
54	S/F of 5 amp switch and 5A. Socket outlet of ISI marked on existing board (1.25.1 + 1.25.4)(Modular Type)	4	Each	227.69	910.76
55	S/F of 15/16A. F.T. Power Plug & Socket (Modular type) (1.2.7)	4	Each	629.75	2519.00
56	S/F of 6 module M.S. Box with Bakelite cover (Modular Type) on surface or in recess including providing and fixing of 2 nos 3 pin 5/6 amp. Socket out let 5/6amp. Piano type modular switch,connection,painting etc. as required (1.24.4 +2 x (1.25.1+1.25.4)	1	Each	782.87	782.87
57	Wiring for circuit/sub main alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS-694/1990 in 20 mm dia non metallic heacy duty flexible conduit 1.6 mm in recessed PVC conduit as required (make of wire-Finolex/L&T/Anchor/Havells/V-Guard).2x1.5 sqmm + 1 x 1.5 sqmm(1 .8.1)	30	Meters	133.96	4018.80
58	-do- 2 x 2.5 sqmm + 1 x 1.5 sqmm (1.8.2)	20	Meters	147.91	2958.20
59	S/F of batten holder BK angle holder ISI marked including connection etc. insulated of ceiling rose(1.29- 1.28)	6	Each	17.70	106.20
60	Earthing with G.I. earthpipe 3 mtr long. including accessories and providing masonry with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.(3.2 +3.3)	1	Each	3001.23	3001.23
61	Supply andlaying 6 SWG G.I. wire in recess for loop earthing as required (3.17)	15	Meters	54.86	822.90
62	Invertor wiring (1x 1.5 sqmm) copper wire (1.19.1)	50	Meters	49.23	2461.50
63	S/F fo 1200mm A.C.Cilling fan(1 star) without regulator including all conections (Model: Usha (Striker NEO HS)/Polycab Vital HS/ Crompton (high Speed)/ havells samrat ES/Orient (Blitz)/ Anchor-Turbo Speed)/great white (Aldous)	1	Each	3210.00	3210.00
64	S/F of 18-25W LED Tubelight fillting with all accessories and connection (Make : Crompton/ HPL/ Havells / Polycab	2	Each	693.41	1386.82
65	Supply of instalation, Testing commisioning of 15 Watt. LED bulb	2	Each	310.00	620.00
66	S/F Call bell/Buzzer ISI marked suitable for DC/AC single Phase 230 volts complete as required .(1.30)	1	Each	124.27	124.27
67	Supply of 180 mm x 100 mm x 60mm deep (1.24.5) for fixing call bell	1	Each	146.59	146.59

68	Supply, Installation, Testing and commissioning of 300mm sweep exhaust fan in the existing opening, including making the hole to suit the size of the above fan making good the damaged complete, connection,etc. as required.(1.43)(Make: usha/polycab/crompton/havells/anchor/orient)	1	Each	3245.00	3245.00
GST aplicable					
Total 68 items				719874.00	
				Rupees Seven Lakh Ninteen Thousand Eight Hundred Seventy Four Only	

My / Our Quoted rate is % (both figure & word) Excess over / Less than / Equal to above estimated cost.

Note

- 1 The Contractor should not write anything except quoting of percentage and incase of anything regarding tender.
- 2 Strick out which are not applicable.

Total :-68 (Sixty Eight) Items only

No. of correction :-

No.of overwriting :-

No. of Interpolation :-

Approved for 68 (Sixty Eight) Items only

Full signature of the Contractor with date.

**Chief District Medical & Public Health Officer
cum District Mission Director Sundargarh**