



Bid Identification No- 01 / 21-22 of Panchayat Samiti Office, Jeypore

Tender Call Notice No. 3072 / 21-22 of Panchayat Samiti Office, Jeypore

GOVERNMENT OF ODISHA  
PR & DW DEPARTMENT  
COVER – II (Financial Bid)

# BID DOCUMENT

**FOR**

**COMPOSITE TENDER OF BUILDING WORKS**

**NAME OF THE WORK:**

Name of the Work :- NEW CONSTRUCTION OF PHC BUILDING AT Konga –PHC(N) UNDER  
Jeypore BLOCK OF Koraput Dist. (Civil, EI, PH)

ESTIMATED COST: Rs. 68,93,025.00

**PANCHAYAT SAMITI OFFICE, JEYPORE**

## TENDER SCHEDULE

<b>NAME OF THE WORK :-</b>	<b>Construction of Day care PHC at PHC Kōnga Under Jeypore Block for the year 2021-22</b>
<b>SCHEME:-</b>	<b>BLOCK:-JEYPORE</b>
<b>Estimated Cost: Rs. 78,00,000/-</b>	<b>G.P:-</b>
<b>AMOIUNT PUT TO TENDER:-Rs. 68,93,025/-</b>	
<b>COST OF TENDER PAPER:-10,000/-</b>	<b>E.M.D REQUIRED:-BID SECURITY DECLARATION</b>
<b>PERIOD OF COMPLITION:-6 MONTHS(180 DAYS)</b>	<b>CLASS OF CONTRACTOR:-"B" &amp; "A"</b>

Sl. No.	Items of Work	Qty.	Unit	Estimated Cost(In Rs)	
				Rate	Amount
1	2	3	4	5	6
1)	Earth work in excavation of foundation in hard soil including of all cost, conveyance etc all complete	253.42	One Cum	188.79	Rs. 47,844.00
2)	Filling in foundation and plinth with excavated materials including watering and ramming as directed by the Engineer-in-charge for 100 cum	253.42	One Cum	139.88	Rs. 35,449.00
3)	Filling in foundation and plinth with sand well watered and rammed including cost of all materials.	178.05	One Cum	330.04	Rs. 58,764.00
4)	Cement concrete (1:4:8) with 4cm size hard granite metal per one cum.	102.20	One Cum	4015.26	Rs. 410,346.00
5)	RCC M-20 grade (1:1.5:3) using 20mm & down graded size hard granite chips including of all cost, conveyance etc all complete.				
5.1)	Footing	56.16	One Cum	5210.39	Rs. 292,604.00
5.2)	Plinth Beam	18.42	One Cum	5464.98	Rs. 100,677.00
5.3)	Column				
(a)	Ground floor	10.03	One Cum	15920.65	Rs. 159,728.00
(b)	First floor	4.36	One Cum	18084.59	Rs. 78,858.00
5.4)	Lintel				
(a)	Ground floor	6.32	One Cum	8255.90	Rs. 52,203.00
(b)	First floor	0.55	One Cum	9059.70	Rs. 5,001.00
5.5)	Chajja				
(a)	Ground floor	13.50	One Sqm	775.45	Rs. 10,469.00
(b)	First floor	0.75	One Sqm	942.43	Rs. 707.00
5.6)	Beam				
(a)	Ground floor	20.00	One Cum	13435.73	Rs. 268,673.00
(b)	First floor	1.20	One Cum	15265.24	Rs. 18,318.00
5.7)	Roof Slab				
(a)	Ground floor	40.81	One Cum	8915.39	Rs. 363,849.00
(b)	First floor	2.20	One Cum	9849.78	Rs. 21,709.00

5.8)	Stair case	2.52	One Cum	9963.32	Rs.	25,118.00
6)	Straightening, cutting, bending, binding of M.S. or Tor rods including of all cost, conveyance etc all complete.					
(a)	Ground floor	160.40	One Qntl	8915.37	Rs.	1,430,033.00
(b)	First floor	12.40	One Qntl	9025.09	Rs.	111,892.00
7)	Fly Ash Brick masonry work (1:6) in foundation & plinth including of all cost, conveyance etc all complete.	48.13	One Cum	4161.94	Rs.	200,335.00
8)	Fly Ash Brick masonry work (1:6) in superstructure including of all cost, conveyance etc all complete.					
(a)	Ground floor	83.01	One Cum	4195.27	Rs.	348,239.00
(b)	First floor	8.75	One Cum	4425.61	Rs.	38,742.00
9)	16mm thick Cement Plaster with C.M.(1:6) over Stone / Brick masonry including cost, conveyance, royalty, taxes, Cess, of all materials required for the work complete as per specification and direction of the Engineer-in-charges.					
(a)	Ground floor	819.60	One Sqm	197.13	Rs.	161,568.00
(b)	First floor	46.74	One Sqm	206.99	Rs.	9,675.00
10)	12mm thick Cement Plaster with C.M.(1:6) over Stone / Brick masonry including cost, conveyance, royalty, taxes, Cess, of all materials required for the work complete as per specification and direction of the Engineer-in-charges.					
(a)	Ground floor	357.75	One Sqm	138.14	Rs.	49,420.00
(b)	First floor	52.74	One Sqm	145.05	Rs.	7,650.00
11)	Providing, fitting & fixing of M.S. Grills for doors & windows including of all cost, conveyance etc all complete.	990.00	One Kg	84.65	Rs.	83,804.00
12)	Providing , fitting & fixing of Al. door with OEL anodized Al. door section of 9202 aas vertical member, 9201 as top member and 9200 as bottom and middle member and 6mm plain glass in top portion with 12mm thick prelaminated board in botttom portion fixed on door frame by means of tapered clip No.4660 and frame to be completed bt means of jointing angle No.1855 including all cost of labour T & P hire charges of drilling machine labour charges etc complete.	42.21	One Sqm	6548.46	Rs.	276,410.00
13)	Supplying, fitting & fixing of window (sliding type made up alminum section) 151-154,151-155, as windows frame section No.151-155, 151-153 nad 151-167 as shutter framw with 5mm thcik black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour T & P etc complete as per direction of Enginner -in charge.	29.16	One Sqm	3770.81	Rs.	109,957.00

14)	Providing fitting & fixing of Vitrified tiles in floor of premium grade having thickness 8mm to 10mm conforming to I.S. 13756 OF size(600 mm x 600 mm) coloured/printed series (Homogeneous) including cost, conveyance etc complete.	252.99	One Sqm	890.97	Rs.	225,409.00
15)	Providing, fitting & fixing of Vitrified tiles on dado including of all cost, conveyance etc all complete.	36.69	One Sqm	890.97	Rs.	32,692.00
16)	Providing, fitting & fixing of Ceramic tiles on dado including of all cost, conveyance etc all complete.	168.48	One Sqm	750.49	Rs.	126,443.00
17)	Providing, fitting & fixing of Industrial Vitrified tiles on floor including of all cost, conveyance etc all complete.	59.96	One Sqm	836.10	Rs.	50,133.00
18)	2.5cm thick grading concrete (1:2:2) over roof slab including of all cost, conveyance etc all complete.	371.01	One Sqm	284.15	Rs.	105,423.00
19)	Plain cement concrete (1:2:4) usibg 12mm size hard granite chips including of all cost, conveyance etc all complete.	21.34	One Cum	5687.63	Rs.	121,351.00
20)	Providing, fitting & fixing of Stainless steel hand railing including of all cost, conveyance etc all complete.	16.00	One Rmt	3499.55	Rs.	55,993.00
21)	Finishing wall surface with acrylic putty including of all cost, conveyance etc all complete.specification and direction of the Engineer-in-charges.					
(a)	Ground floor	904.12	One Sqm	66.16	Rs.	59,816.00
(b)	First floor	46.74	One Sqm	67.32	Rs.	3,147.00
22)	Plastic emulsion paint two coats of approved shade on new work.etc.completed.					
(a)	Ground floor	904.12	One Sqm	136.34	Rs.	123,267.00
(b)	First floor	46.74	One Sqm	139.68	Rs.	6,529.00
23)	Painting two coats with weather seal paint over a coat of primer including cost, conveyance all materilas, labour and T & P etc complete.					
(a)	Ground floor	357.75	One Sqm	130.67	Rs.	46,747.00
(b)	First floor	52.74	One Sqm	134.93	Rs.	7,116.00
24)	Enamel painting two coats over a coat of primer including of all cost, conveyance etc all complete.	15.39	One Sqm	135.06	Rs.	2,079.00
	<b>EI WORKS</b>					
25)	Recessed wiring to Light / Fan / Exhaust fan / call bell point in 20mm non-metalic PVC flexible Polythine conduit, confir-ming to IS- 6946/1973 with 1.5mm <sup>2</sup> 1.1 KV in-sulated, S.C multistrand HR FR Copper Wire of ISI marked, confirming to IS-694/1990 and earth mm <sup>2</sup> S/C. Multi standard witch board of size 150 mm x 200 mm x 62 mm made of 1.22 mm thick MS sheet including provn. of earth screw, painted with one coat of DA grey enamel paint cofirming to IS-5133 Part-I 1969 with 3mm thick bakelite / fenolic laminated front cover fixed with steel screw including siupply and fixing					

	of 5A.,250V.,flush type switch with ISI marked conforming to IS - 371 /1999 mounted on C.I. circular box having front backlite cover complete with all accessories and connections as per direction of Engineer-in-charge. (Make of wire-Finolex / Anchor / Havells / Polycab)					
a)	Group - A	12.00	Nos.	415.00	Rs.	4,980.00
b)	Group - B	40.00	Nos.	638.00	Rs.	25,520.00
c)	Group - C	22.00	Nos.	917.00	Rs.	20,174.00
26)	Recessed wiring to 5/6Amps socket outlet with 2 x 1.5mm <sup>2</sup> F.R. PVC insulated single core multi-strand copper conductor of ISI marked in with 20mm dia non-metalic PVC flexible conduit with 5A. 250V Piono type switch of ISI marked, phenolic laminated sheet suitable size ISI marked MS box and earthing point with 1 x 1.5mm <sup>2</sup> F.R PVC insulated single core multistrand copper conductor for loop earthing etc. (Make of wire-Finolex / Anchor / Havells / Polycab)					
a)	On existing Board.	36.00	Nos.	86.00	Rs.	3,096.00
27)	S/F of 15A. Plug points with switch on M.S. box with Bakelite frot cover	15.00	Nos.	308.00	Rs.	4,620.00
28)	Recessed wiring to submain in following sizes of FR PVC insulated Single core multistrand copper conductor of ISI marked confirming to IS - 694 / 1900 in 20mm dia non-metalic heavy duty flexible conduit 1.5mm thick along with FR PVC insulated S.C. multistrand copper conductor as earth wire as required. (Make of wire-Finolex/L&T/ Anchor/Havells)					
a)	a) 1 x 1.5mm <sup>2</sup> + 1 x 1.5mm <sup>2</sup>	292.31	Mtr.	125.00	Rs.	36,539.00
b)	b) 2 x 2.5mm <sup>2</sup> + 1 x 1.5mm <sup>2</sup>	428.00	Mtr.	139.00	Rs.	59,492.00
c)	c) 2 x 4mm <sup>2</sup> + 1 x 1.5mm <sup>2</sup>	92.00	Mtr.	156.00	Rs.	14,352.00
d)	d) 2 x 6mm <sup>2</sup> + 1 x 1.5mm <sup>2</sup>	36.00	Mtr.	188.00	Rs.	6,768.00
29)	S/F of 6 way double door D.Box with 1 X 40A DP + 4 X 6A - 32A SP MCB of Havels / HPL / L & T / Anchor make.	3.00	Nos.	3440.00	Rs.	10,320.00
30)	S/F of 100A. Cubical Panel Board of size 30"x30"x12" made up of 18SWG CR Sheet with powder coat & items as mentioned ( 100A. 25KA 4Pole MCCB of HAVELS/HPL/L&T make - 01no, 100A. Bus Bar with 35x12mm Cu.Flat complete - 01 no, 63A. DP MCB of Havels/L&T/HPL make. (D-Series) - 03nos, 40A DP MCB of Havels/L&T/HPL make. (D-Series) - 03nos, Digital volt meter, Ammeter, RYB indicator - 01 set, The pannel is to be fitted on plinth with MS frame, Nuts & Bolts etc., Transportation charges. etc.	1.00	Nos.	67868.00	Rs.	67,868.00
31)	S/F. of 25A. D.P MCB Protected plug & socket with plastic cover of Havels/L&T/C&S make including	8.00	Nos.	2356.00	Rs.	18,848.00

	all connections.					
32)	S/F. of 48" Ceiling fans of Usha Energia 5 Star / BAJAJ Elegance Ivory / CG Aura Plus 5 Star / Havels - ES-50 Premium / POLYCAB -BRIO-Perl-Ivory make.	18.00	Nos.	3828.00	Rs.	68,904.00
33)	S/F. of Step type Electronic Fan Regulator of Cona/ Anchor make.	18.00	Nos.	317.00	Rs.	5,706.00
34)	S/F. of 4Way(4+2)double door TPN D. Box with1x63A.FP+3X32A.DP+6X6A.32A.SP MCB of Havels/HPL/Std/Anchor make including all connections.	1.00	Nos.	11137.00	Rs.	11,137.00
35)	S/F. of Standard Earthing complete with all accessories	4.00	Nos.	2435.00	Rs.	9,740.00
36)	S/F. of 20Wt. LED Tube light fittings of Havels E-LITE/Bajaj-Batten LED make.	40.00	Nos.	956.00	Rs.	38,240.00
37)	S/F of 18Wt. LED Surface mounting down lights of Havels-Bolt Round/Sqr./Bajaj. TARA make.	4.00	Nos.	2356.00	Rs.	9,424.00
38)	S/F of 42Wt. Surface mounting light of PLUTO PANEL LED 2X2 LED make	1.00	Nos.	5794.00	Rs.	5,794.00
39)	S/F of 300mm Vantilation/Exhaust fans of Usha S.PH Turbo HDEF 1400RPM/Havels Rubo Force SP-1400 Rpm/Crompton.EXHD 300-4-1 1400 Rpm make.	5.00	Nos.	4085.00	Rs.	20,425.00
40)	S/F. of 45Wt. LED Street light fittings of Havels-ENDURAPEARL-NEOSL/Bajaj EDGE-BRTFG 45W LED make.	8.00	Nos.	5794.00	Rs.	46,352.00
41)	Fitting and fixing of 2 no.s battery and invertre mechine in wairing and battery cover	1.00	Nos.	52000.00	Rs.	52,000.00
42)	fitting fixing of 39 wt LED street light Campus lighting on existing pool of PHC	5.00	Nos.	6824.00	Rs.	34,120.00
	<b>PH WORKS</b>					
43)	Supplying all materials,labour and T&P for constructing septic tank with R.C.C. top slab in (1:1.5:3 ) mix with foundation concrete (1:2:4 ) inside plaster 12mm. thick with cement mortar (1:3) finished with neat cement punning, 12mm. thick out side plaster (1:3),brick work with K.B. bricks with crushing strength not less than 75kg/sqcm. in cement mortar (1:3) finished smooth complete as per specification. [IS-4111(part-1) 1967.] (per each )					
a)	50 user toilet	3.00	Nos.	38044.00	Rs.	114,132.00
44)	Supplying all materials, labour and T&P for construction of 1.20mtr.dia.x2.55mtr. Deep soak-way pit with dry brick walling up to 2.10mtr. height and bbrick work with cement mortar (1:6) for 0.45mtr. height of wall at top,cement plaster (1:3) inside and outside,inside filled with dry brick khoa of 50mm.to 100mm.size to a height of 2.00mtr.from bottom, covered by means of 40mm.thick R.C.C. perforated slab,50mm.thick R.C.C.well cover in pieces fitted with iron rings including earth work in excavation and refilling of cavity around the pit etc. all complete as per approved design and drawing. (per each )					

a)	Soak pit size (1.20 x2.50)	3.00	Nos.	12874.20	Rs.	38,623.00
45)	Supplying all materials, labour and T&P for construction of inspection chamber as per P.H. specification and design all complete. [ excluding earth work ] (per each )					
a)	inspection Cahamber (0.75x0.75)	3.00	Nos.	6572.70	Rs.	19,718.00
46)	Supplying all materials,labour and T&P for fixing water closet (I.W.C. or Orissa pan) duly embedded in cement concrete (1:3:6) using 12mm. size h.b.g. chips [Excluding foot rest for I.W.C. and trap] all complete as per specification.[3.3.1./330]					
a)	I.W.C. or Orissa pan:- (per each)	5.00	Nos.	2764.80	Rs.	13,824.00
47)	Supplying all materials,labour and T&P for fixing wash hand basin with hole for pillar cock with cast iron /M.S. brackets painted white including cutting holes in walls and making good to the damages etc. all complete as per specification.[3.3.12./344] (excluding cost of wash hand basin and all accessories. )					
a)	Wash hand basin-(per each)	5.00	Nos.	890.00	Rs.	4,450.00
48)	Supplying all materials,labour and T&P for fixing pedestal for wash hand basin complete recessed at the back for the reception of pipes and fittings etc. all complete as per specification.[3.3.13./347] (excluding cost of pedestal for wash hand basin )					
a)	Pedestal for wash hand basin:- (per each)	5.00	Nos.	700.00	Rs.	3,500.00
49)	Supplying all materials,labour and T&P for construction of staging for O.H.service tank(PVC) on the existing roof of the building as per drawing,specification and direction of Engineer-in-charge etc all complete.					
a)	Staging for 1000ltrs.capacity O.H.service tank:-[1st floor]	2.00	Nos.	8454.00	Rs.	16,908.00
50)	Supplying all materials,labour and T&P for fixing cromium plated brass shower rose with 15mm. or 20mm. inlet including polishing etc. all complete as per specification.[3.3.24./356]					
a)	100/50mm.dia. Shower rose.	5.00	Nos.	412.30	Rs.	2,062.00
51)	Supplying all materials,labour and T&P for fixing of soap holder/towel ring fixed to wooden plugs with chromium plated brass screws and washers etc.all complete as per specification.[3.3.29./359]					
a)	C.P.Soap holder [including cost] =	5.00	Nos.	261.00	Rs.	1,305.00
b)	C.P.towel ring [including cost] =	5.00	Nos.	291.00	Rs.	1,455.00
c)	C.P.towel rod [including cost] =	5.00	Nos.	350.00	Rs.	1,750.00
52)	Supplying all labour and T&P for fixing Brass screw down Stop cock/ Gun metal Full way valve of the following size as per specification all complete (excluding cost of valve ) (per each )					

a)	15mm.dia.C.P. stop cock(angular) [including cost]	5.00	Nos.	739.60	Rs.	3,698.00
b)	15mm.dia.C.P. stop cock(concealed) [including cost]	5.00	Nos.	891.70	Rs.	4,459.00
c)	25mm.dia.G.M.fullway valve [including cost]	5.00	Nos.	655.00	Rs.	3,275.00
d)	15mm. to 25mm. dia. Bib cock/Push cock	5.00	Nos.	213.90	Rs.	1,070.00
e)	15mm. dia.C.P. Pillar cock [including cost]	5.00	Nos.	719.00	Rs.	3,595.00
53)	Supplying all materials,labour and T&P for laying in trenches unplasticized PVC pipes and specials of the following outside dia. for all classes including jointing with approved solvent cement by non-heat application method including testing as per specification and direction of Engineer-in-charge etc. all complete. [excluding earth work and cost of pipes and fittings] [data for 10.00mtr.]					
a)	90mm.dia. PVC pipe:- (per mtr.)	30.00	Rmt	166.30	Rs.	4,989.00
b)	110mm.dia. PVC pipe:- (per mtr.)	30.00	Rmt	226.70	Rs.	6,801.00
54)	Supplying all materials, labour and T&P and laying in trenches, unplasticized PVC pipes conforming to [ASTM-D-1785/89,Sch-80],the following nominal diameter and fittings including testing as per specification all complete.[excluding earth work in trenches.] [data for 10 mtr.] [2.5.4/253]					
a)	15mm.dia PVC pipe [ASTM-D-1785/89,Sch-80.]:- (per mtr.)	55.96	Rmt	121.60	Rs.	6,805.00
b)	20mm.dia PVC pipe [ASTM-D-1785/89,Sch-80.]:- (per mtr.)	40.00	Rmt	140.90	Rs.	5,636.00
c)	25mm.dia PVC pipe [ASTM-D-1785/89,Sch-80.]:- (per mtr.)	50.00	Rmt	152.20	Rs.	7,610.00
d)	Bevelled edge mirror (600x450mm.) :- (per each)	5.00	Nos.	274.50	Rs.	1,373.00
e)	110 mm dia coweel :- (per each)	5.00	Nos.	70.00	Rs.	350.00
f)	2in one BB cock :- (per each)	5.00	Nos.	850.00	Rs.	4,250.00
g)	2in one BB cock :- (per each)	5.00	Nos.	1200.00	Rs.	6,000.00
55)	Supplying all materials, labour and T&P and laying in trenches, unplasticized PVC DOOR conforming to [ASTM-D-1785/89,Sch-80],the following nominal thick ness and fittings including testing as per specification all complete.					
a)	PVC DOOR :- (per sqf 1.6 x 0.9 )	5.00	Nos.	3000.00	Rs.	15,000.00
56)	Providing fixing tiles in floors or steps and landing on 25 mm thick bed in cement mortar 1:1 jointed with neat cement slurry with pigment to match the shade of tiles including rubbing and polishing but including cost of tiles.	14.22	Sqm	1145.50	Rs.	16,289.00
57)	Fixing tiles in dados skirting and risers of steps on 12mm thick CP (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour	59.40	Sqm	1351.62	Rs.	80,286.00

	etc. complete.				
58)	Provision of 8 MM Dia bour well for PHC Day Care Center	1.00	Nos.	155206.00	Rs. 155,206.00
59)	fitting fixing of 2000 ltr capacity PVC Water tank	2.00	Nos.	15000.00	Rs. 30,000.00
<b>TOTAL AMOUNT PUT TO TENDER</b>				<b>Total</b>	<b>Rs. 6,893,025.00</b>

**NUMBER OF ITEMS:-59(FIFTY NINE)**

**(Rupees sixty eight lakh ninty three thousand twenty-five)Only**

Remarks:- TENDER RATE QUOTED EXCESS THEN THE ABOVE TENDER AMOUNT WILL NOT BE ACCEPTED

**PERCENTAGE RATE TO BE QUOTED BY THE TENDERER:-**

\_\_\_\_\_ %

LESS

THEN THE ABOVE TENDER AMOUNT PUT TO TENDER

(QUOTED RATE BOTH IN FIGURE & WORDS CLEARLY)

**BLOCK DEVELOPMENT OFFICER  
JEYPORE**

**SIGNATURE OF THE CONTRACTOR**

  
9.11.21  
Superintending Engineer  
Rural Works Division  
KORAPUT  
9/11/21

