

**क्षेत्रीय कार्यालय, संयुक्त संचालक, नगरीय प्रशासन एवं विकास
(यांत्रिकी प्रकोष्ठ), बिलासपुर-संभाग, बिलासपुर (छ.ग.)**

पोस्ट ऑफिस के बगल वाली गली, प्राथमिक स्वास्थ्य केन्द्र के पास, वार्ड क्र. 51 राजकिशोर नगर, बिलासपुर (छ.ग.)

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क्रमांक 3036 / यों.प्र. तंक.स्वी. / मल्हार / 2025 924 बिलासपुर, दिनांक: 16/02/2026

मुख्य नगर पालिका अधिकारी,
नगर पंचायत - मल्हार
जिला - बिलासपुर (छ.ग.)

विषय :- निर्माण कार्यों की तकनीकी स्वीकृति बाबत।
संदर्भ :- आपका पत्र क्रमांक - 2362 दिनांक 09.02.2026

विषयान्तर्गत नगर पंचायत - मल्हार से शासन मद अंतर्गत निर्माण कार्यों के तकनीकी स्वीकृति हेतु प्राप्त प्राक्कलन का परीक्षण उपरान्त निम्नानुसार तकनीकी स्वीकृति प्रदान की जाती है :-

क्र.	कार्य विवरण	SOR	मद	प्राक्कलित राशि (लाख में)
1	वार्ड क्रमांक 04 आंगनबाड़ी भवन निर्माण कार्य।	PWD Building-SOR 01.01.2015	शासन मद (महिला एवं बाल विकास द्वारा)	12.24

नोट :-

- निविदा आमंत्रण कार्य छत्तीसगढ़ नगर पालिका अधिनियम 1961 एवं उसके अंतर्गत लागू छत्तीसगढ़ (मेयर इन कौंसिल/प्रेसिडेंट इन कौंसिल कामकाज को संचालन तथा प्राधिकारियों की शक्तियां एवं कर्तव्य) नियम, 1988 एवं छ.ग. कार्य विभाग मैनुअल के प्रावधानों एवं विभाग द्वारा समय-समय पर जारी दिशा निर्देशों का पालन करते हुए निविदा संबंधी कार्यवाही की जावे तथा वित्तीय अधिकारिता के अनुसार सक्षम प्राधिकारी से निविदा प्रारूप (शर्तों) का अनुमोदन प्राप्त किया जावे।
- छत्तीसगढ़ शासन, नगरीय प्रशासन एवं विकास विभाग, मंत्रालय महानदी भवन, नवा रायपुर, अटल नगर के पत्र क्र. 5357/4137/2022/18 नवा रायपुर अटल नगर दिनांक 21.07.2022 के कंडिका क्र. 14 के अनुसरण में निकाय मद के निर्माण कार्य में यह तकनीकी स्वीकृति प्रभावशील नहीं होगा।
- उक्त तकनीकी स्वीकृति एस.ओ.आर. पर आधारित दर में जी.एस.टी. सम्मिलित कर जारी की गई है। किन्तु निविदा आमंत्रित करने के समय एस.ओ.आर. की राशि पर अर्थात् जी.एस.टी. छोड़कर शेष राशि पर निविदा जारी किया जाना अनिवार्य होगा। उक्त संबंधी जानकारी निविदा की विशेष शर्तों में अनिवार्य रूप से सम्मिलित किया जावे।
- भू-स्वामित्व/आधिपत्य के बिना निर्माण कार्य प्रारंभ नहीं कराया जावे। वन, रेल्वे एवं शासकीय विभागों अथवा उपक्रमों की भूमि में सहमति/एन.ओ.सी. अनिवार्यतः लिया जावे।
- उपरोक्त वर्णित कार्य यदि पूर्व से किसी अन्य योजना/विभाग द्वारा प्रस्तावित हो या पूर्व निर्मित हो अथवा पी.जी. के अधीन हो तो प्रदत्त तकनीकी स्वीकृति शून्य मानी जावे। इस कृत्य के लिए प्रस्तुतकर्ता अभियंता के विरुद्ध कार्यवाही सुनिश्चित किया जावे।
- यदि निर्माण कार्य निजी भूमि (बिना सहमति के) एवं विवादित भूमि अथवा अवैध प्लॉटिंग/अवैध कालोनी में हो तो यह तकनीकी स्वीकृति प्रभावशील नहीं होगा।
- अंक गणीतीय शुद्धता अनिवार्यतः परीक्षण कराया जावे।

DETAILS ESTIMATE/ABSTRACT FOR CONSTRUCTION OF **AANGANBADI BHAVAN AT NAGAR PANCHAYAT MALHAR** **DISTT. BILASPUR (C.G.)**

S.No.	Item no.	Descriptions of Items	Mesurments				Qty.	Unit	Rate	Amount
			Nos	L	B	D/H				
1	2	3	4	5	6	7	8	9	10	11
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils.								
		For column pits	20	1.50	1.50	1.60	72.00			
		Below plinth (outer)								
		H-wall	2	10.70	0.30	0.30	1.93			
		V-wall	2	12.60	0.30	0.30	2.27			
			2	4.20	0.30	0.30	0.76			
			3	3.50	0.30	0.30	0.95			
			2	2.00	0.30	0.30	0.36			
		V-wall	2	8.60	0.30	0.30	1.55			
		Septic tank	1	3.30	2.10	1.80	12.47			
							92.277	cum	185.00	17071.25
2	1.6	1.6 Extra for every additional lift of 1.5 m or part thereof 1.6.1 All types of soils								
		For column pits	20	1.5	1.5	0.1	4.5			
		septic tank	1	3.3	2.1	0.3	2.079			
							6.579	cum	26.50	174.34
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		For column pits	20.00	1.50	1.50	0.10	4.50			
		Below plinth								
		H-wall	2	10.70	0.30	0.10	0.64			
			2	12.60	0.30	0.10	0.76			
			2	4.20	0.30	0.10	0.25			
			3	3.50	0.30	0.10	0.32			
			2	2.00	0.30	0.10	0.12			
		V-wall	2	8.60	0.30	0.10	0.52			
		septic tank	1	3.30	2.10	0.10	0.69			
		On floor								
		ANC ROOM	1.00	4.20	2.00	0.10	0.84			
		HALL	1.00	4.20	6.00	0.10	0.74			
		WASH AREA	1.00	2.00	4.30	0.10	0.72			
		PASSAGE	1.00	2.00	3.70	0.10	0.74			
		Store room	1.00	3.50	2.70	0.10	0.95			
		KITCHEN	1.00	3.50	3.60	0.10	1.26			
		HAND WASH	1.00	1.80	2.20	0.10	0.40			
		TOILET	1.00	1.50	1.50	0.10	0.23			
		OTS	1.00	3.50	3.60	0.10	1.26			
		Steps & Ramp portion (VHR)	1.00	2.40	3.60	0.10	0.86			
							15.78	cum	2970.00	46878.48
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								

Item no.	Descriptions of items	Mesurments				Qty.	Unit	Rate	Amount
		Nos	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	for column footing base	20	1.30	1.30	0.35	11.83			
	pedestal	20	0.8	0.8	0.15	1.92			
	for column upto PL	12	0.20	0.30	1.65	1.188			
	UPTO GL	6	0.20	0.20	0.90	0.216			
		2	0.30	0.30	0.90	0.162			
	for ground beam/plinth beam								
	H-wall	2	10.70	0.20	0.30	1.28			
		2	12.60	0.20	0.30	1.51			
		2	4.20	0.20	0.30	0.50			
		3	3.50	0.20	0.30	0.63			
		2	2.00	0.20	0.30	0.24			
	V-wall	2	8.60	0.20	0.30	1.03			
					(A)	20.518			
	FOR COLUMN UPTO SLAB	12	0.20	0.30	3.30	2.376			
		4	0.20	0.20	3.30	0.528			
		2	0.20	0.20	2.10	0.168			
	garden + ots area	2	0.30	0.30	2.10	0.378			
	for lintel beam								
	H-wall D	1	1.90	0.20	0.20	0.08			
	D1	4	1.40	0.20	0.20	0.22			
	D2	1	1.20	0.20	0.20	0.05			
	CG	1	2.20	0.20	0.20	0.09			
	WV	7	1.90	0.20	0.20	0.53			
		1	1.60	0.20	0.20	0.06			
	SLAB	1	9.20	11.10	0.12	12.25			
		1	3.00	3.60	0.12	1.30			
	SLAB BEAM H-wall	2	10.70	0.20	0.20	0.86			
	0.20-0.12= 0.08	2	12.60	0.20	0.08	0.40			
		2	4.20	0.20	0.08	0.13			
		3	3.50	0.20	0.08	0.17			
		2	2.00	0.20	0.08	0.06			
	V-wall	2	8.60	0.20	0.08	0.28			
		2	2.00	0.20	0.08	0.06			
	V-wall	2	8.60	0.20	0.08	0.28			
	chhojn	1	20.30	0.60	0.08	0.9744			
	Septic tank slab	1	2.80	1.60	0.10	0.448			
	platform kitchen	1	3.60	0.50	0.10	0.18			
	platform ots	1	6.60	0.50	0.10	0.33			
					(B)	22.229			
	Total (A+B)					42.75	cum	4163.03	177954.93
5	3.4								
	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:-								
		same qty as above item no 3(B)				22.23	cum	97.50	2167.31
6	3.12								
	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:-								
	3.12.2								
	Thermo-Mechanically treated bars FE 500D	42.75		@	95.00	4060.946	kg	54.50	221321.56
7	2.1								
	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:-								

Item no.	Descriptions of items	Mesurments				Qty.	Unit	Rate	Amount
		Nos	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	for cloumn footing								
	for column base	20x4	1.50	-	0.30	36.00			
		20x4	0.80	-	0.25	16.00			
	for column upto PL	16x2	0.20	-	1.85	29.60			
		16x2	0.30	-	1.85	44.40			
		2X2	0.20	-	1.85	1.48			
		2X2	0.20		1.85	1.48			
		2X4	0.30		1.85	4.44			
						133.40			
					(A)	133.40	sqm		
	for ground beam/plinth beam								
	H-wall	2	10.70	-	0.30	6.42			
		2	12.60		0.30	7.56			
		2	4.20		0.30	2.52			
		4	4.20	0.20		3.36			
		3	3.50	0.20		2.10			
		6	3.50		0.30	6.30			
		2	2.00	0.20		0.80			
		4	2.00		0.30	2.40			
	V-wall	2	8.60	0.20		3.44			
		4	8.60		0.30	10.32			
				-	(B)	45.22			
					(A+B)=	178.62	sqm	139.00	24828.18
8	2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape								
	for column upto slab	12x2	0.20	-	3.60	17.28			
		12x2	0.30	-	3.60	25.92			
	DIFFERENCE=2.10-0.75= 1.35 M	6X2	0.20		1.35	3.24			
		6X2	0.20		1.35	3.24			
		2X4	0.30		1.35	3.24			
						52.92	sqm	183.50	9710.82
9	2.1.8 Beams, lintels, cantilevers & walls								
	for lintel beam								
	H-wall	7	1.90	-	0.20	2.66			
		14	1.90		0.20	5.32			
		2	1.90		0.20	0.76			
		1	1.90	0.20		0.38			
		1	1.90	0.20		0.38			
		4	1.40		0.20	1.12			
		4	1.40	0.20		1.12			
		1	2.00		0.20	0.40			
		2	2.00		0.20	0.80			
	V-wall	2	8.60	0.20		3.44			
	SLAB BEAM								
	H-wall	2	10.70		0.30	6.42			
		2	12.60		0.30	7.56			
		2	4.20		0.30	2.52			
		6	3.50		0.30	6.30			
		4	2.00		0.30	2.40			
	V-wall	2	8.60		0.30	5.16			
						46.74	Sqm	202.00	9441.48
10	2.1.13 Weather shade, chhajja, Cornices and mouldings								
	chhajja	1	20.30	0.60		12.18			
		1	20.30	0.08		1.624			
	platform kitchen	1	3.60	0.50		1.8			
		1	3.60	0.10		0.36			

Item no.	Descriptions of Items	Measurements				Qty.	Unit	Rate	Amount
		Nos	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
	platform ots	1	6.60	0.50		3.3			
		1	6.60	0.10		0.66			
11	2.1.4					19.92	Sqm	294.00	5857.66
	Edge of slab, breaks in floor and walls upto 200mm.								
	S.T	1X2	4.4			8.80			
	SLAB	1	30.5			30.5			
12	2.1.7					39.30	RMT	34.00	1336.20
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	Septic tank slab	1	2.40	1.20		2.88			
	platform kitchen	1	3.60	0.50		1.8			
		1	3.60	0.10		0.36			
	platform ots	1	6.60	0.50		3.3			
		1	6.60	0.10		0.66			
	SLAB	1	9.20	11.10		102.12			
		1	3.00	3.60		10.8			
	Septic tank slab	1	2.40	1.20		2.88			
13	1.17					121.92	Sqm	235.00	28651.20
	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
	50% OF EXCAVATION QTY	92.277		46.1385		46.1385	cum	65.00	2999.00
14	1.18								
	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete								
	On floor								
	ANC ROOM	1.00	4.20	-2.00	0.75	6.30			
	HALL	1.00	4.20	-6.00	0.75	0.74			
	WASH AREA	1.00	2.00	4.30	0.75	0.72			
	PASSAGE	1.00	2.00	3.70	0.75	5.55			
	Store room	1.00	3.50	2.70	0.75	7.09			
	KITCHEN	1.00	3.50	3.60	0.75	9.45			
	HAND WASH	1.00	1.80	2.20	0.75	2.97			
	TOILET	1.00	1.50	1.50	0.75	1.69			
	OTS	1.00	3.50	3.60	0.75	9.45			
	Steps & Ramp portion (VER)	1.00	2.40	3.60	0.38	3.28			
						66.38	cum	371.00	24625.1992
						92.28			
						-22.5			
						-50.64			
15	7.5								
	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	H - Wall upto plinth level	3	9.70	0.20	0.55	3.20	7.2		
	V - Wall upto plinth	2	11.50	0.20	0.55	2.53			
		2	3.80	0.20	0.55	0.84			
		2	0.90	0.20	0.75	0.27			
		1	2.40	0.20	0.75	0.36			
	upto slab level	2	9.70	0.20	3.10	12.03			
		4	11.50	0.20	3.10	28.52			

No.	Item no.	Descriptions of items	Mesurments				Qty.	Unit	Rate	Amount
			Nos	L	B	D/H				
1	2	3	4	5	6	7	8	9	10	11
			2	4.20	0.20	3.10	5.21			
			2	2.40	0.20	3.10	2.98			
			3	3.50	0.20	3.10	6.51			
		garden + ots area	1	1.50	0.20	3.10	0.93			
			1	9.70	0.20	1.55	3.01			
		deduction opening D	2	3.80	0.20	1.55	2.36			
		D1	-1	1.2	0.2	2.1	-0.504			
		D2	-4	1.00	0.20	2.10	-1.68			
		W/V	-1	0.80	0.20	2.10	-0.34			
		WK	-7	1.50	0.20	1.20	-2.52			
			-1	1.50	0.20	0.90	-0.27			
		V	-7	1.50	0.20	0.60	-1.26			
		CG	-1	0.80	0.20	0.60	-0.10			
		MAIN GATE	-1	1.60	0.20	2.10	-0.67			
		Septic tank slab	-1	2.40	0.20	2.10	-1.01			
			2	3.00	0.30	1.00	1.80			
			2	1.20	0.30	1.00	0.72			
			2	2.80	0.20	1.20	1.34			
			2	1.20	0.20	1.20	0.58			
							57.58	cum	3263.00	181877.00
16	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.								
			2	9.70	0.20	0.05	0.19			
			4	11.50	0.20	0.05	0.46			
			2	4.20	0.20	0.05	0.08			
			2	2.40	0.20	0.05	0.05			
			3	3.50	0.20	0.05	0.11			
			1	1.50	0.20	0.05	0.02			
			1	9.70	0.20	0.05	0.10			
			2	3.80	0.20	0.05	0.08			
							1.08	cum	4247.00	4582.51
17	3.15	Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.								
			2	9.70	0.20		3.88			
			4	11.50	0.20		9.20			
			2	4.20	0.20		1.68			
			2	2.40	0.20		0.96			
			3	3.50	0.20		2.10			
			1	1.50	0.20		0.30			
			1	9.70	0.20		1.94			
			2	3.80	0.20		1.52			
							17.70	sqm	93.50	1654.95
18	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
						AS PER ITEM 7.5.4	65.86			
							-7.2			
							58.66			
						Net total	58.66	cum	121.00	7097.86

Item no.	Descriptions of Items	Measurements				Qty.	Unit	Rate	Amount
		No.	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
19	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.							
	Door								
	D 40X40X5MM	1	5.60		5.60				
	D1	4	5.2		20.80				
	D2	1	5.00		5.00				
			PER MTR	2.97	31.40	93.258			
	V 25X25X3MM	7	4.20		29.40				
		1	2.80		2.80				
				1.1	32.20	35.42			
	MAIN GATE					150.00			
						278.68	Kg	73.50	20482.83
20	9.13	Providing and fixing steel door/window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.							
	FOR WINDOW	7	1.50		1.20	12.60			
		1	1.50		0.90	1.35			
		7	1.50		0.60	6.30			
	VENTILATION	1	0.80		0.60	0.48			
			KG	11.80	@	20.73			
						244.61	kg	75.00	18346.05
21	9.11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.							
		1.00	1.60		2.10	3.36	sqm	3330.00	11188.80
22	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.							
	For window	7	1.50		1.20	12.60			
		1	1.50		0.90	1.35			
	Venti.	2	0.80		0.60	0.96			
						14.91			
					KG	15.00			
						223.65	kg	67.50	15096.38

Item no.	Descriptions of Items	Mesurments				Qty.	Unit	Rate	Amount
		Nos	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
21	8.13	Providing and fixing flush door shutters, conforming to IS 2202 (Part 1), interior grade, commercial type, core of block board construction with frame of first class hard wood and well matched commercial ply veneering with vertical grains, cross bands and face veneers on both faces of shutters excluding hinges.							
	8.13.2	35 mm. thick (single leaf)							
		For door							
		D	1	1.20	2.10	2.52			
		D1	4	1.00	2.10	8.40			
		D2	1	0.80	2.10	1.68			
24	8.15	Extra for double leaf shutter instead of single leaf.							
		Qty same as above							
			2.52			2.52			
25	8.94	Providing and fixing M.S. bright finished or black enameled Butt hinges IS : 1341 marked with necessary iron screws:							
	8.94.1	125x65x2.12mm							
			36.00			36.00	each	30.00	1080.00
26	8.99	Providing and fixing M.S. bright finished or black enameled sliding door bolts with bolts, nuts and necessary iron screws:							
	8.99.1	300x16mm							
		D	1.00			1.00			
		D1	4.00			4.00			
		D2	1.00			1.00			
						6.00	each	77.50	465.00
27	8.100	Providing and fixing M.S. bright finished or black enameled door latch with necessary iron screws:							
	8.100.1	300x20x6mm							
		D	2.00			2.00			
		D1	4.00			4.00			
		D2	1.00			1.00			
						7.00	each	53.50	374.50
28	8.102	Providing and fixing M.S. bright finished or black enameled Tower bolts (Barrel type) with necessary iron screws:							
	8.102.1	250 mm							
			5.00			5.00			
			2.00			2.00			
						7.00	each	34.50	241.50
29	8.103	Providing and fixing M.S. bright finished or black enameled handles with necessary iron screws:							
	8.103.1	125 mm							
		D	4.00			4.00			
		D1	8.00			8.00			
		D2	2.00			2.00			
						14.00	each	51.00	714.00
30	8.130	Providing and fixing hanging powder coated aluminium door stopper with necessary M.S. screws etc complete.							
	8.130.1	Single							
		D	2.00			2.00			
		D1	4.00			4.00			
						6.00	each	27.50	165.00

Item no.	Descriptions of items	Mesurments				Qty.	Unit	Rate	Amount
		Nos	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
9.21	Providing and fixing float glass panes with steel glazing clips and special metal sash putty of approved make in steel doors, windows, ventilators:								
9.21.1	4mm thick	1	0.80		0.60	0.48	sqm	535.00	256.80
11.2	Providing and making 12mm thick cement plaster of mix:								
11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	(A) Inner side								
	ANC ROOM	2	4.20		3.18	26.71			
		2	2.00		3.18	12.72			
	HALL	2	6.00		3.18	38.16			
		1	4.20		3.18	13.36			
	WASH AREA	2	2.00		3.18	12.72			
	STORE	2	3.50		3.18	22.26			
		1	2.70		3.18	8.59			
	KITCHEN	1	3.60		3.18	11.45			
		1	3.50		3.18	11.13			
	TOILET	2	1.50		1.98	5.94			
	HANDWASH	1	2.10		1.98	4.16			
		1	1.50		3.18	4.77			
	garden + ots area	2	3.60		2.10	15.12			
		2	3.80		2.10	15.96			
	Septic tank	2	2.40		2.30	11.04			
		2	1.20		2.30	5.52			
						239.31			
	Deduction for opening								
	D	1	1.50		2.10	3.15			
	D1	4	1.00		2.10	8.40			
	D2	1	0.80		2.10	1.68			
	WV	7	1.50		1.20	12.60			
	WK	1	1.50		0.90	1.35			
	CG	1	1.60		2.10	3.36			
	GATE	1	2.40		2.10	5.04			
						35.58			
					TOTAL	203.73	sqm	91.50	18641.30
11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
11.3.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)								
	(A) Inner side								
	HALL	2	4.20		3.18	26.71			
	WASH AREA	1	4.30		3.18	13.67			
	STORE	1	2.70		3.18	8.59			
	KITCHEN	1	3.60		3.18	11.45			
		1	3.50		3.18	11.13			
	TOILET	2	1.50		1.98	5.94			
	HANDWASH	1	2.10		1.98	4.16			
		1	1.50		3.18	4.77			
	garden + ots area	1	10.10		3.18	32.12			
	VERNDAH	2	0.90		0.75	1.35			
		2	2.40		0.75	3.60			
	Septic tank	2	1.20		2.30	5.52			
		2	2.40		2.30	11.04			
	OUTER				A	150.28			
	chhajja top								
	front & back	2	12.70	0.60		15.24			
	left side	2	9.80	0.60		11.76			

Item no.	2	Descriptions of items 3	Mesurments				Qty. 8	Unit 9	Rate 10	Amount 11
			Nos 4	L 5	B 6	D/H 7				
			2	9.20		0.30	5.52			
			1	15.60		0.30	4.68			
			1	10.50		4.35	45.68			
			2	8.60		4.35	74.82			
			1	7.70		4.35	33.50			
						B	191.19			
34	11.5	Neat Cement Punning. ekhajja top front & back left side right side septic tank					341.47	sqm	107.00	36536.86
			2	12.70	0.60		15.24			
			2	9.80	0.60		11.76			
			2	9.20	0.60		11.04			
			2	2.40		2.30	11.04			
			2	1.20		2.30	5.52			
35		Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.					54.60	sqm	33.00	1801.80
	12.3									
	12.3.1	40 mm thick	1	2.40	1.20		2.88	sqm	222.00	639.36
36		Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.								
	12.7									
	12.7.2	Size above 200x300mm								
		Toilet	4	1.50		1.20	7.20			
		HANDWASH	2	2.10		1.20	5.04			
			2	1.80		1.20	4.32			
		Deduction for door	-1	0.80		1.20	-0.96			
			-1	1.50		1.20	-1.80			
							13.80	sqm	587.00	8100.60
37		25mm thick Local RAJIM/ Red Flag stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over & jointed with grey cement slurry mixed with pigments to match the shade of the stone i/c grinding, rubbing and polishing.								
	12.56									
		ANC ROOM	1.00	4.20	2.00		8.40			
		HALL	1.00	4.20	6.00		25.20			
		WASH AREA	1.00	2.00	4.30		8.60			
		PASSAGE	1.00	2.00	3.70		7.40			
		Store room	1.00	3.50	2.70		9.45			
		KITCHEN	1.00	3.50	3.60		12.60			
		HAND WASH	1.00	1.80	2.20		3.96			
		TOILET	1.00	1.50	1.50		2.25			
		(VER)	1.00	2.40	0.90		2.16			
			1.00	52.00	0.10		5.20			
							85.22	sqm	516.00	43973.52

Item no.	Descriptions of items	Mesurments				Qty.	Unit	Rate	Amount
		Nos	L	B	D/H				
2	3	4	5	6	7	8	9	10	11
12.34	Precast Terrazzo tiles 22mm thick with marble chips of size upto 6mm in skirting and risers of steps and exceeding 30cm in height on 12mm thick cement plaster 1:3 (1 cement : 3 coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of.								
12.34.2	Medium shade using approximately. 50% white cement and 50% ordinary cement.								
	steps & ramp portion	1	1.20	1.20		1.44			
	for steps	3	1.20	0.30		1.08			
		4	1.20		0.15	0.72			
						3.24	sqm	682.00	2209.68
39	12.65 Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250. kg/sq.cm								
	12.65.1 Plain/ normal coloured precast interlock concrete block	1	2.40	1.80		4.32			
	ots	1	3.50	3.60		12.60			
						16.92	sqm	436.00	7377.12
40	14.12 Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete.								
	Amendment (08)					203.73			
						341.5			
						85.22		22.00	18282.18
						630.42	sqm	(23.00)	14499.57
41	14.9 Distemping with acrylic washable distemper to give an even shade.								
	14.9.1 On new work (Two or more coats)					203.73			
	Amendment (08) (14.61)					150.28		57.00	25036.00
						85.22			
						439.23	sqm	(38.00)	16690.74
42	14.14 Finishing walls with water proofing cement paint of required shade to give an even shade.								
	14.14.1 On new work (Two or more coats applied @ 3.84 kg/10.sqm)					191.19			
						38.04		53.00	12149.19
						229.23	sqm	(41.00)	9398.43
43	14.20 Applying priming coat on wood work with ready mixed primer.								
	14.20.1	1X2X1.2	1.2		2.1	6.552			
	D1	4x2x1.3	1.00		2.10	21.84			
	D2	1x2x1.3	0.8		2.10	4.368		35.00	917.28
	Amendment (08)					26.208	sqm	(23.50)	615.89
	14.21 Applying priming coat on steel work with red oxide zinc chromate primer.								
	W	7x2x1.1	1.50		1.20	15.84			
		1X2X1.1	1.50		0.90	2.97			
	V	1x2x0.5	0.8		0.60	1.08			
	CG	1x2x1.5	1.60		2.10	12.6			

1	2	3	Mesurments				Qty.	Unit	Rate	Amount
			Nos	L	B	D/H				
			4	5	6	7	8	9	10	11
		Grill	8x2x0.5	1.5		1.20	14.4			
44	14.22	Painting on new work (two or more coats) to give an even shade with: 14.22.1 Satin synthetic enamel paint					46.89	sqm	17.50	820.58
		D							35.00	1641=15
		D1	1X2X1.2	1.2		2.1	6.048			
		D2	4x2x1.2	1.00		2.10	20.16			
		W	X2X1.2	0.8		2.10	4.368			
		V	7x2x1.1	1.50		1.20	27.72			
		CG	2x2x0.5	0.8		0.60	0.96			
		Grill	1x1x1.5	1.60		2.10	5.04			
			7x1	1.5		1.20	12.6		133.00	10227=16
45	18.23	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P. brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete including painting of brackets, cutting and making good the wall wherever required :18.23.1 Size 450x300x150mm					76.896	sqm	46.30	3560.28
46	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :	1				1	Each	2504.00	2504.00
	18.1.3	White Orissa pattern W.C. pan of size 580x440 mm	1				1.0	each	2899.00	2899.00
47	18.17	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of								
	18.17.1	White Size 550x450 mm	1				1.0	each	1430.00	1430.00
48	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete:								
	18.76.1	75mm dia pipe	1	5.00			5.00	mtr	182.00	910.00
		110mm dia pipe	2	4.30			8.60			
			1	10.00			10.00			
		rain water	1	5.00			5.00			
							23.60	mtr	267.00	6301.20
49	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal								
	18.77.1	Tee/ Tee with door/ Bend 45°/ Bend 90° single tee with door								

[illegible]

Item no.	Descriptions of items	Mesurments				Qty.	Unit	Rate	Amount	
		Nos	L	B	D/H					
2	3	4	5	6	7	8	9	10	11	
19.47	Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick	2				2.00	each	754.00	1508.00	
60	19.52	Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :	1				1.00	each	4133.00	4133
61	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	1				1.00	each	1709.00	1709.00
62	20.18	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is	1				1.00	point	1502.00	1502.00
63	21.1	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level.								
	21.1.1	All type of soil								
	21.1.1.3	150mm dia	15				15.00	mtr	339.00	5085.00

	Descriptions of Items	Nos	Measurements			Qty.	Unit	Rate	Amount
			L	B	D/H				
	3	4	5	6	7	8	9	10	11
1.2	Rocky strata including boulders								
1.1.2.3	150mm dia	75				75.00	mtr	396.00	29700.00
21.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc, all complete, for all depths, as per direction of Engineer-in-charge.								
21.3.3	150mm dia	20				20.00	mtr	540.00	10800.00
66	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/casing pipe, removable as per requirement, all complete for bore well								
21.11						1.00	each	217.00	217.00
21.11.1	150 mm dia	1							
	Add 8% for Electrification						TOTAL		

1183499-2
 110832.74
 88866.58
 1199698.82
= 2122418
 Say Rs.

SUB-Engineer
उप-आयुक्त
नगर पंचायत भुवनेश्वर

T.S. No. 924 Date 16/02/26
Technical Sanction of Nagar Nigam/Palika/
Panchayat Moelhaies heare by Granted for
the Construction of Aanganbaadi Bhau
in ward No. 09 for Rs. 12.24 lacs
(In words) Rs. Twelve lacs & twenty
four thousand only
Checked By. uak
Executive Engineer
U.A.&D., Bilaspur (C.G.)