

Tender Inviting Authority : Block Development Officer, Sadar Dhenkanal  
 Contract No. : BDO,Sadar/01/2022-23

**BoQ FOR THE WORK CONSTRUCTION OF SCIENCE LAB,COMPUTER ROOM,ART/CRAFT ROOM,LIBRARY ROOM AT KAMAKHYAPRASAD HIGH SCHOOL, GOVINDPUR**

Srl. No.	Item Description	Quantity	Units	Estimated Rate	Amount	Total Amount in Word
1	Earth work excavation of foundation in hard soil rough dressing & levelling bed & depositing the excavated earth away from work site with 50 M initial lead and 1.5 M initial lift with cost of labour, T & P. etc. required for the work complete as per the specification and direction of the EIC	180.78	Cum	186.39	33695.58	INR Thirty Three thousand six hundred ninty five and Paise fifty eight only
2	Providing & laying Cement Concrete ( 1 : 3 : 6 ) using 40mm crusher broken granite metal including cost, conveyance, royalty & taxes etc. of all materials, mixing & laying concrete, watering & cunnig, labour charges etc. complete as per the specification & direction of Engineer in charge.	57.297	Cum	4730.76	271058.36	INR Two lakh seventy one thousand fifty eight and Paise thirty six only
3	Flyash Brick Masonry in Cement mortar (1:6) in F/P including cost, conveyance, royalty & taxes etc. of all materials, mixing & laying, watering, curing, labour charges etc. complete as per the specification & direction of Engineer in charge.	46.41	Cum	4119.7	191195.28	INR One lakh ninty one thousand one hundred ninty five and Paise twenty eight only
4	Filling foundation & plinth with filling sand well watered & rammed including cost, conveyance, royalty & taxes etc. of all materials required for the work, labour charges etc. complete as per the specification & direction of EIC	171.71	Cum	417.58	71702.66	INR Seventy one thousand seven hundred two and Paise sixty six only
5	RCC M-20 grade with crushed granite coarse aggregate of size 20 mm downgraded mixed in mixing plant with vibrator including cost of all materials, machineries & labour including cost, conveyance, labour, all taxes & royalty etc. complete as per direction of E.I.C.					
(A)	Column Base	23.76	Cum	5196.74	123474.54	INR One lakh twenty three thousand four hundred seventy four and Paise fifty four only
(B)	Column, Beam	40.12	Cum	10924.37	438285.72	INR Four lakh Thirty eight thousand teo hundred eighty five and Paise seventy two only

(C)	Lintel Band					
		6.33	Cum	8824.69	55860.29	INR Fifty five thousand eight hundred sixty and Paise twenty nine only
(D)	Roof Slab					
		43.72	Cum	9384.29	410281.16	INR Four lakh ten thousand two hundred eighty one and Paise sixteen only
(E)	Chajja & Fin					
		30.85	Sqm	792.92	24459.62	INR Twenty four thousand four hundred fifty nine and Paise sixty two only
6	Flyash Brick Masonry in Cement mortar (1:6) in Super Str including cost, conveyance, royalty & taxes etc. of all materials, mixing & laying, watering, curing, labour charges etc. complete as per the specification & direction of Engineer in charge.					
		59.49	Cum	4152.7	247044.12	INR Two lakh fourty seven thousand forty four and Paise twelve only
7	Supplying, providing and straightening the coiled or bent up M.S / HYSD bars, cutting, bending and tying grills and placing in position with ties, spacers and binding the grills in binding wire 18 to 20 mm gauge for R.C.C. works as per approved design and drawings with all leads, lifts and delifts and all cost, carriage, taxes of the reinforcement bars and binding wire and labour charges etc. complete as per the specification & direction of Engineer in charge (Weight of binding wire shall not be considered for payment in any shape at all).					
		131.73	Qntl	8065.75	1062501.25	INR Ten lakh sixty two thousand five hundred one and Paise twenty five only
8	Providing & laying 25mm grading concrete (1:2:2) on roof slab using 6mm size crusher broken hard granite chips including cost, conveyance, royalty & taxes etc. of all materials, mixing & laying concrete, watering & curing, labour charges etc. complete as per the specification & direction of Engineer in charge.					
		339.17	Sqm	298.34	101187.98	INR One lakh one thousand one hundred eighty seven and Paise ninty eight only
9	Supplying MS door & window shutter with grills (Framed&Fixed) made out of MS angles, flats and sheets etc of approved design & fabrication including cost, conveyance & taxes etc. of all materials required for the work and labour charges etc. complete as per the specification & direction of Engineer in charge.					
		3510	Kg	90.00	315900.00	INR Three lakh fifteen thousand nine hundred only
10	Labour for fitting and fixing of MS doors, windows and gates as per approved design including fixing of door and windows clamps with cement concrete (1:3:6) using 12mm size hard broken granite chips and curing for 7 days after fixing the clams including cost, conveyance, royalty, taxes etc. of all materials required for the work and labour charges etc. complete as per the specification & direction of Engineer in charge.					
		92.95	Sqm	64.10	5958.10	INR Five thousand nine hundred fifty eight and Paise ten only

11	12 mm thick cement plaster over brick masonry after racking out joints in cement mortar ( 1 : 6 ) including cost, conveyance, royalty & taxes etc. of all materials required for the work, watering, curing, labour charges etc. complete as per the specification & direction of Engineer in charge	420.10	Sqm	138.83	58322.48	INR Fifty eight thousand three hundred twenty two and Paise forty eight only
12	16 mm thick cement plaster over brick masonry after racking out joints in cement mortar ( 1 : 6 ) including cost, conveyance, royalty & taxes etc. of all materials required for the work, watering, curing, labour charges etc. complete as per the specification & direction of Engineer in charge	559.95	Sqm	197.59	110640.52	INR One lakh ten thousand six hundred forty and Paise fifty two only
13	6 mm thick cement plaster in cement mortar ( 1 : 4 ) including closed deep chipping & slurry treatment including cost, conveyance, royalty & taxes etc. of all materials required for the work, watering, curing, labour charges etc. complete	366.52	Sqm	155.00	56810.60	INR Fifty six thousand eight hundred ten and Paise sixty only
14	Supplying, fitting & fixing Vitrified tiles 600mm x 600mm in floors, treads or steps & landings on 25mm thick bed of cement mortar 1 : 1 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing & polishing including cost of tiles etc. complete	250.35	Sqm	902.55	225953.39	INR Two lakh twenty five thousand nine hundred fifty three and Paise thirty nine only
15	Supplying, fitting & fixing Vitrified tiles in dado, skirting & rises of steps on 12mm thick cement plaster 1 : 3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost of Vitrified tiles & rubbing & polishing, etc. complete	33.14	Sqm	925.80	30681.01	INR Thirty thousand six hundred eighty one and Paise one only
16	Priming one coat with water bound cement primer of approved quality over plastered surface including scaffolding staging charges with all materials, taxes, labour charges etc. complete	1379.10	Sqm	58.49	80663.56	INR Eighty thousand six hundred sixty three and Paise fifty six only
17	Wall painting two coats with weather coat of approved shade on new work to give an even shade including including cost, carriage and taxes etc. of all materials required for the work and labour charges etc. compl as per the specification & direction of	420.10	Sqm	71.12	29877.51	INR Twenty nine thousand eight hundred seventy seven and Paise fifty one only

18	Wall painting two coats with plastic emulsion paint of approved shade on new work to give an even shade including including cost. carnage and taxes etc. of all materials required for the work and labour charges etc complete as per the specification & direction of Engineer in charge	958.98	Sqm	76.79	73640.97	INR Seventy three thousand six hundred forty and Paise seven only
19	Painting two coats with approved enamel paint over a coat of primer of approved quality including cost of enamel paint, primer, brushes & other materials, T. & P. and taxes etc. of all materials required for the work and labour charges etc. complete as per the specification & direction of Engineer in charge.	227.98	Sqm	187.63	42775.89	INR Forty two thousand seven thousand seven hundred and Paise eighty nine only
<b>Total</b>					<b>4061970</b>	<b>INR Forty lakh sixty one thousand nine hundred seventy only</b>
<b>Quoted Rate in Figures</b>						
<b>Quoted Rate in Words</b>						

Approved for 19(Nineteen) Items only

S  
8500  
18/5/22  
J.E  
Sadar Block

A.E.E  
18/5/2022  
Sadar Block

B.D.O  
Sadar Block

2.6.22  
Addl. P.D. (Tech)  
DRDA, Dhenkanal

Bill of quantity

**NAME OF THE WORK- CONSTRUCTION OF SCIENCE LABORATORY, LIBRARY ROOM, & ADDITIONAL CLASS ROOM OF SARANGDHAR HIGH SCHOOL , BELTIKRI**

Contract No - BDO SADAR /02/2022-23

BIDDER NAME						
NUMBER	TEXT	NUMBER	TEXT	NUMBER	NUMBER	TEXT
SL NO	ITEM DESCRIPTION	QUANTITY	UNITS	ESTIMATED RATE	TOTAL AMOUNT WITHOUT TAXES	TOTAL AMOUNT IN WORDS
1	Earthwork excavation of foundation trenches in hard soil including levelling & dressing the bed upto required depth & deposit the excavated material within initial lead & lift including all cost of Labour & material ... etc compl. As per direction of department.	156.99	CUM	186.39	29261.37	INR twenty nine thousand two hundred sixty one and paise thirty seven only
2	supplying filling in foundation and plinth with sand in layers not exceeding 150 mm thick including watering ramming cost , conveyance , royalty of all material , all labour , T & p required for work etc compl. As per direction of engineer in charge (Measurement will be taken on finished compacted section only)	124.81	CUM	328.7	41025.05	INR Forty one Thousand twenty five and paise five only
3	cement concrete of proportion in (1:3:6) in foundation and floors using 40 mm size crusher broken metal of approved quality from approved quarry including lowering laying concrete in layers not exceeding 150 mm thk. to the required bed including all cost of labour material , royalty of material etc compl. as per direction of engineer in charge.	41.72	CUM	4894.77	204209.80	INR Two Lakh Four thousand two hundred nine and paise eighty only
4	Fly ash brick masonry work in C.M(1:6) for foundation & plinth of size 25cmx12cmx8cm having crushing strength not less than 75 kgs/cm <sup>2</sup> after immersing the brick for six hours in water before use of in foundation & plinth including splays cutting circular moulding corbelling champing and similar such type of works with watering and curing including all cost of Labour and Material etc compl.as per direction of engineer in charge.	33.53	CUM	4166.29	139695.70	INR one Lakh Thirty nine thousand six hundred ninty five and paise seventy only

5	Fly ash brick masonry work in C M(1:6) for super structure of size 25cmx12cmx8cm having crushing strength not less than 75 kgs/cm <sup>2</sup> after immersing the brick for six hours in water before use of in foundation & plinth including splays cutting circular moulding corbelling champing and similar such type of works with watering and curing including all cost of Labour and Material etc compl as per directionn of engineer in charge.	32.46	CUM	4198.2	136273.57	INR One Lakh Thirty six Thousand Two Hundred seventy three and paise fifty seven only
6	R. C. C M 20 grade conc. Mix design using 20-10 down grade chips black hard granite crusher broken having minimum compressive strength 200kg/cm <sup>2</sup> in 15 cm cuber mixing at 28 days of approved quality and form of approved quarry including all cost of Labour & Material , labour , Royalty of materials including centering & shuttering of Materials etc . compl. as per Direction of Engineer in charge .					
	a) column Base	18.11	CUM	5348.68	96864.59	INR Ninty six Thousand Eight hundred sixty four and paise fifty nine only
	b) Plinth Beam,Beam & Column( ground floor)	31.87	CUM	11074.43	352942.08	INR Three Lakh fifty two Thousand nine hundred forty two and paise eight only
	c)Lintel Band	4.34	CUM	8973.81	38946.34	INR Thirty Eight thousand nine hundred forty six and paise thirty four only
	d)chajja	27.55	CUM	802.09	22097.58	INR Twenty two Thousand Ninty seven and paise fifty eight only
	e) Roof Slab	31.04	CUM	9533.35	295915.18	INR Two Lakh ninty Five thousand nine hundred fifteen and paise eighteen only
7	supplying , cutting , bending binding & straightening the coil or bent of M.S / HYSD bars including placing in position with ties spacers , and binding the grills in binding wire 18 to 20 mm gauge for R.C.C work as per approved design and drawing with leads , lifts , and delifts and cost , carriage, taxes of the reinforcement bars and binding of wires & labour charges . etc compl. as per direction of engineer in charge.	99.74	QTL	8070.12	804913.77	INR Eight Lakh Four Thousand Nine hundred thirteen and paise seventy seven only
8	Supplying MS Door & window and gates as per approved design including fitting , fixing of Door , window clamps with cement conc. (1:3:6) using 12 mm size chips hard broken granite including all cost of Labour , conveyance , Material , Royalty & taxes of all material as per specification & Direction of Engineer in Charge	2323.3	KG	90.0	209097.00	Two Lakh Eight Thousand nine thousand ninty seven and paise zero only

9	Labour fitting fixing of MS Door & window and gates as per approved desing including fitting , fixing of Door , window clamps with cement conc. (1:3:6) using 12 mm size chips hard broken granite including all cost of Labour , as per direction of Engineer in charge	59.74	SQM	70.10	4187.77	INR Four Thousand one hundred eightyseven and paise seventy seven only
10	12 mm thick cement plaster in C.M (1:6) including cost , conveyance , Royalty & taxes of all materials required for work , watering, curing, labour charges etc . Compl. As per specification & Direction of Engineer in charge.	319.58	SQM	139.46	44568.63	INR Forty four thousand five hundred sixty nine only
11	16 mm thick cement plaster in C.M (1:6) including cost , conveyance , Royalty & taxes of all materials required for work , wartering curing, labour charges etc . Compl. As per specification & Direction of Engineer in charge	491.63	SQM	198.33	97504.98	INR Ninty seven thousand five hundred four and paise ninty eight only
12	25 mm thick A.S flooring using 12 mm size chips cbg chips including punning all cost , conveyance , Royalty & taxes of all Material & Labour aspr specification & direction of Engineer in charge.	211.82	SQM	312.21	66132.32	INR Sixty Six Thousand one hundred Thirty Twoand paise thirty two only
13	Priming one coat with water bound Cement Primer of Approved quality over plastered surface including scaffolding , staging , charges with all cost , conveyance ,carriage ,royalty of material & required for the work and Labour charges etc. compl. As per specification & Direction of in charge.	970.31	SQM	58.49	56753.43	INR Fifty six Thousand seven Hundred fifty three and paise forty three only
14	Wall painting Two coats with Weather coat of Approved shade& approved quality including Cost , Carriage and taxes , royalty of all Material required for the work & Labour charges etc compl. As per Specification & Direction of Enginner in charge.	319.58	SQM	71.12	22728.53	INR Twenty two thousand seven hundred twenty eight only
15	Wall Painting Two coats with plastic Emulsion Paint of approved shade & quality on new work to give even shade including cost , conveyance , Royalty , taxes of material & all Labour as per specification & Direction of Engineer in charge.	613.49	SQM	76.79	47109.90	INR Forty seven Thousand one hundred nine and paise ninty only
16	Painting Two coat with approved enamel paint over one coat of Primer of Approved shade & quality including all cost of Material , Labour , conveyanc, T& P and taxes of all material required for work .. Etc compl. As per specification & Direction of engineer in charge.	162.7	SQM	187.63	30527.40	INR Thirty Thousand Five Hundred Twenty seven and paise forty only

17	6mm thk. Cement Plastering in C.M (1:4) including closed chipping & slurry treatment etc compl. including all cost of Labour , Material, Royalty as per specification and Direection of Engineer in charge.	96.67	SQM	155.16	14999.00	INR FourteenThousand nine hundred ninty nine only
			TOTAL	RS	2755754.00	INR Twenty seven Thousand fifty five Thousand seven Hundred Fifty Four only
	Quoted Rate in Figures		TOTAL	RS		2755754.00
	Quoted Rate in Words		TOTAL	RS		INR Twenty seven <sup>Lakh</sup> Thousand fifty five Thousand seven Hundred Fifty Four only

Approved for 17 items (seventeen items only)  
 Total no of Pages (Enclosed) other than DTCN \_\_\_\_\_ Pages

**Notes** - The contractor should not write any thing except quoting of percentage , Excess / Less/ Equal/ to Estimate up to two decimal points only

**CONDITIONS** - All Materials , Labour , Machinery and Equipment required to complete the work in all respect be arrange by the tenderer at his own cost . The Employer will bear no responsibility in this aspect.

**N.B** - GST , Income Tax , Royalty , Labour cess as applicable wil be deducted from the soil of the contractor for all above works the minimum grades of cement shall be opc , TMT, High strength steel Fe 500 like SAIL / TISC

  
 12/5/22  
 Junior Engineer  
 Sadar Block, Dhenkanal

  
 18/5/22  
 Asst. Exe. Engineer  
 Sadar Block , Dhenkanal

  
 Block Development Officer  
 Sadar , Dhenkanal

  
 2-6-22  
 Addl. P.D. (Tech)  
 DRDA, Dhenkanal