

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of 3 Nos Additional class room,1 nos Toilet,Drinking water Facility Science lab at Sirigida High School,Sirigida for the year 2020-21

Amount put to Tender : **Rs. 51,35,644**
Class of Contractor : **B & A class only**
Cost of Tender Paper : **Rs. 10000.00**
Date required for completion : **6(Six) calender Month**

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads,lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth . as per direction of Engineer-in-charge	259.34	cum	182.80	47405.91
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	463.93	cum	542.84	251838.70
3	C.C (1:3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	104.90	Cum	4599.93	482511.30
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	30.06	Cum	5003.85	150418.70
b	Plinth beam	11.67	Cum	5313.14	62019.08
c	Column & Wall Beam	33.08	Cum	11221.21	371145.57
d	Lintel & Sill band	8.69	Cum	9711.94	84401.86
e	Roof slab & chajja	51.87	Cum	9638.83	499993.54

5	Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	154.54	Qntl	6486.17	1002341.02
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	55.83	Cum	4242.87	236887.61
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	80.29	Cum	4280.82	343694.76
8	Providing 20 mm thick grading plaster (1:4) over roof slab including cost, conveyance, royalty, curing all etc complete	399.76	Sqm	217.39	86905.12
9	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	551.62	Sqm	137.05	75599.06
10	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	420.79	Sqm	194.85	81991.43
11	6 mm thick cement plaster in C.M.(1:4) in over concrete work including cost ,conveyance etc as per direction of Engineer-in-charge	322.10	Sqm	144.76	46627.20
12	Fixing tiles (vetrifed tiles 600mm x 600mm) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	359.99	Sqm	952.38	342843.45
13	Fixing tiles (vetrifed tiles 600mm x 600mm) in wall , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	12.45	Sqm	1000.42	12451.94
14	Supplying fitting fixing of Vetrified tile in dado and skirting and riser of step on 12 mm thick cp in cement mortar (1:3) with cement sullry mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of	5.15	Sqm	767.38	3949.10
12	Supplying fitting fixing of Vetrified tile Floor and skirting on 12 mm thick cp in cement mortar (1:3) with cement sullry mixwith pigment to match the shade of the tile with rubbing & polishing including all cost of materials T & P	74.09	Sqm	1000.42	74117.14

15	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	1247.39	Sqm	59.67	74431.76
16	Wall painting two coat with plastic emulsion painted with cost of plastic emulsion paint and labour etc	538.50	Sqm	79.30	42703.59
17	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	769.41	Sqm	72.85	56051.07
18	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips including cost, conveyence, royalties, taxes etc of all materials, costs of all labour sundries T & P etc complete as per direction of Engineer in charge.	4.65	Sqm	300.56	1396.67
19	Cement washing 1 coat with shell lime on slacked & cement including all cost, taxes etc complete as per direction of Engineer in charge.	804.20	Sqm	14.36	11549.87
20	Finishing wall with water proofing cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.		Sqm		0.00
21	Supplying,fitting and fixing MS Grills,Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	2888.21	KG	123.52	356761.01
22	Priming one coat on new iron work & wood work with all cost of material & labour T & P etc complete as per direction of Engineer in charge.	77.04	Sqm	53.04	4086.11
21	Supplying fitting, fixing fully glazed aluminum framed openable windows using 15 micron anodized OEL aluminum section 2082 as out section, 9139 as mullion section, 4124 as a shutter section frame with tapered clip of section 4125, aluminum angle , rubber beading, friction stay and handle etc. with 5mm black glass (SR-2006 item No-8 page -241)	61.73	Sqm	667.25	41188.62
22	Providing fitting and fixing up partition walling 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) & 6mm thick plain glass and jointing angle No.1855 etc. complete in all respect.	22.49	Sqm	5727.17	128808.09

23	Painting two coats with any approved on new wood work / iron work with all cost, of materials and labour, T & P etc completed as per direction of Engineer in charge.	187.27	Sqm	138.36	25909.88
24	Supply of all materials, labour, T&P & installation of PVC water storage tank of following capacity including cutting holes through tank and fixing G I pipes and fitting and providing extra socket, jam nut, supply & fixing of 25mm dia PVC ball cock etc	1		9000	9000.00
25	Supply of all materials, labour, T&P & construction of stage for water storage tank including brick maonary in cm(1:4) in corner wallover roof slab , fixing 1 no precast cross beam size 25cmx25cm, fixing of precast RCC slab size 1.8mx 0.9m (2nos), brick masonay in cm (1:4) around pvc tank up to 0.6m above floor of PVC TANK, 12MM THICK CEMENT PLASTER IN CM (1:4) OVER brick masonry work & cost, carriage, royalty of all materials to the work site etc. all complete as per direction of the engineer in charge. (To be paid asper actual and SR)	1		17505	17505.00
26	Construction of masonry wash basin on platform with RCC slab and brick works with tile fitting and water tap grating and soak pit etc.....all complete. To be paid as per actual measurement (To be paid asper actual and SR)	1		55000	55000.00
27	Supply of all materials, labour, T&P laying in trenches 25mm dia PVC pipe inside the trench jointing with solvent and refilling etc. complete as per direction of engineer in charge.				0.00
28	Pump to tank PVC 80SCH	40	mtr	162.11	6484.40
29	Sintex to basin 25mm dia PVC pipe 80sch	20	mtr	90	1800.00
30	Supply of all materials , labour, T&P for fitting & fixing of 1.00HP capacity subme pump and motor of 40mt head in sump with all complete(Model- KSB)	1		22000	22000.00
31	Supplying of 4sqm flat cable for pump set all complete.	40	mtr	150	6000.00
32	Supplying and providing lifting & fixing of 1HP control pannel board all complete	1		5500	5500.00
33	25mm ball valve	1		1045.8	1045.80
34	15mm dia C P long body bib cock	1		754	754.00
35	15mm dia cp angle stop cock	3		711.8	2135.40
36	15mm dia cp Pillar cock long	3		699.4	2098.20
37	25mm connection pipe(45 cm long)	3		59.6	178.80
38	gratting	3		65	195.00

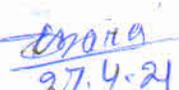
39	Supply of all materials , labour, T&P for fitting & fixing of 32mm PVC waste pipe flexible (coil shaped) for sink/ wash basin 40mm dia with minimum length 700mm with PVC waste fitting including cost, carriage of all materials to the work site etc all complete as per PH specification & direction of engineer in charge.				180.30
		3		60.1	
40	Supply of all materials , labour, T&P for fitting & fixing of hand wash basin of 510x615 size without pedestal including all fittings and testing etc complete as per PH specification and directio of engineer in chrge.				4500.00
		3		1500	
41	Touchen rope	1		1500	1500.00
Total					5135906.06

TOTAL 41 (FORTYONE) NOS ITEM ONLY

Approved for 41 (Forty One) items only


Assistant EX. Engineer
Telkoi Block


Executive Engineer
DRDA Keonjhar


Block Development Officer
Telkoi

TO BE FILLED BY THE TENDERER

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost
Excess in Percentage
Less in Percentage

in Figure	
	%
	%
	%

In words

Notes:-

1) The Tenderer should quote the percentage up to one decimal point only.
2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .

3) The Tenderers should quoted their percentage only inside the space provided for the purpose .

4) The percentage quoted at any other place will not be taken into consideration.

GST Cost is 12%(CGST6% SGST6%) & with Labour Welfare cess 1% will be added at the time of agreement.

Executive Engineer
DRDA Keonjhar

[Handwritten Signature]
Block
Telkoi Block