

**OFFICE OF THE PRINCIPAL, DEBRAJ ROY COLLEGE**

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**PART-B: Financial Bid Form-2**

- NOTICE NO:
- NAME OF THE TENDERER: .....
- FATHER'S NAME: .....
- DATE OF BIRTH:.....
- DETAILS OF ADDRESS: .....
  
- EMAIL:
- TELEPHONE/ MOBILE NO:
- PROJECT NAME: RENOVATION OF KITCHEN CUM DINING HALL OF GIRLS' HOSTEL.

<b>RENOVATION OF KITCHEN CUM DINING HALL AT D.R COLLEGE</b>						
<b>Sl. No.</b>	<b>Item No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate Rs/Unit</b>	<b>Amount in Rs.</b>
		<b>SH: EARTH WORK</b>				
<b>1</b>	1.1	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.				
		Upto a depth of 2m below the existing ground level				
		(a) In ordinary soil				
		<b>Column =20x1x1x1</b>	<b>20.00</b>			
		<b>Tie Beam =70.8 x .25 x .35</b>	<b>6.20</b>			
		<b>Step = 1x1.5x.3x.15</b>	<b>.07</b>			
		<b>TOTAL</b>	<b>26.26</b>	<b>CUM</b>		

2	1.3	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary.				
	c	With river sand or silt (predominantly non plastic) by truck carriage including loading and unloading.				
		<b>117.4 ( Plinth Area) X .3</b>	<b>35.22</b>	CUM		
	<b>Sub Total</b>					
		<b>SH: CEMENT CONCRETE WORKS</b>				
3	2.1.1	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).				
		<b>Column= 1 x 1 x 0.075 x 20</b>	<b>1.50</b>			
		<b>Step = 1x1.5x.3x.15</b>	<b>.07</b>			
		a) In prop 1cement: 3 sand :6 coarse aggregate by volume	<b>1.57</b>	CUM		
		<b>SH: PLINTH PROTECTION AND DRAIN:</b>				
4	19.1	Providing plinth protection 50mm thick to cement concrete 1:3:6 with coarse agg.of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.				
		<b>Perimeter of building 45 m x .6 m</b>	<b>27.00</b>	SQM		
		<b>SH: REINFORCED CEMENT CONCRETE WORKS</b>				
5	2.2.1	Providing and laying plain/reinforced cement concrete works in prop 1:1.5:3 (1 cement :1.5 coarse sand :3 graded stone chips, 20mm down ) including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)				
	A	In substructure up to plinth level				
		Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick.				
		<b>Column = (20 x 1 x 1 x 0.15) + ( 20 x .2 x .2 x .3)</b>	<b>3.24</b>			
		<b>Tie Beam = 70.8 m x .25 x .35</b>	<b>6.20</b>			
	(b) M 20 or Prop.1:1.5:3.....TOTAL	<b>9.44</b>	CUM			
6	(ii)	In super structure from plinth level up to 1st floor level.				

		(ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing) finishing of nosing. Surface and Including preparing the top				
	(b)	<b>Column = .2x.2 x 3.9 x20</b>	<b>3.12</b>			
		<b>Lintel = 59 m x .15 x .15</b>	<b>1.33</b>			
		<b>Top Beam= 45 m x .2 x .25</b>	<b>2.25</b>			
		<b>Slab= 4x.075 Wash area slab + 1.8 x .075 Pantry Slab</b>	<b>0.44</b>			
		<b>(b) M 20 or Prop.1:1.5:3.....TOTAL</b>	<b>7.13</b>	CUM		
<b>Sub Total</b>						
		<b>SH: SHUTTERING (FORMWORK)</b>				
7	3.1.1	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:				
8	3.1.1 .1	Foundation, footings, bases of columns, pile cap, raft and mass concrete works etc.				
9	(ii)	Using 25mm thick plank ( <b>1 X .45 X 4X 20</b> )	<b>36.00</b>	SQM		
10	3.1.1 .2	Sides of tie beams, grade beams etc. at or below ground level.				
11	(ii)	Using 25mm thick plank ( <b>70.8 X .35 X 2</b> )	<b>49.56</b>	SQM		
12	3.1.1 .3	Columns, Pillars, Posts & Strut				
	(a)	Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face				
13	(ii)	Using 25mm thick plank ( <b>4.2 X .2 X 4 X 20</b> )	<b>67.20</b>	SQM		
14	3.1.1 .4	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a)	For depth not exceeding 1.0M.				
15	(ii)	Using 25mm thick plank ( <b>45 X .3 X 2</b> ) + <b>45 X .2</b>	<b>36.00</b>	SQM		
16	3.1.1 .5	Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a)	Floors etc. upto 200mm in thickness.				
17	(ii)	Using 25mm thick plank	<b>5.80</b>	SQM		
<b>Sub Total</b>						
		<b>SH: BRICK WORKS</b>				

18	4.1.1	Providing brick soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.				
		(a).Brick on flat soling.				
		<b>Column= 1 x 1 x 20</b>	<b>20.00</b>			
		<b>Floor = 1 x 117.4</b>	<b>117.40</b>			
		<b>Total</b>	<b>137.40</b>	SQM		
19	4.1.4	Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure up to plinth level.				
		(d). In proportion 1:4. (1 cement:4 sand)				
		<b>70.8 ( Tie Beam Length) x .3 x .25</b>	<b>5.31</b>	CUM		
20	4.1.7	112 mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to terrace floor level (protruding M.S rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)				
		<b>1) {45+3+11.8} x 3.6</b>	<b>215.28</b>			
		<b>2) Above Top Beam 11 sqm x 2</b>	<b>22.00</b>			
		3) Deductable Area ( Door- 2.1x1.05x 3= 6.61)+ Window & Ventilator {(2.4 x 1.5 x1) + (2.4 x .45 x 1)}=4.68 sqm+ (1.8x1.5x2=5.4 sqm + 1.8 x .45=0.81)+ ( 2.1x.6=1.26 sqm, pantry opening) +(2.8x1.5+3x1.5x2+2.2x2.4=18.48 sqm), <b>Total=37.24 Sqm</b>				
		<b>Now , Total area of brick wall=( 215.28+ 22-37.24)= 200.04 sqm</b>	<b>200.04</b>	SQM		
		(a). In cement mortar in proportion 1:4.(1 cement:4 sand)				
<b>Sub Total</b>						
		<b>SH: FLOORING</b>				
21	5.1.1	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg. per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.	<b>117.40</b>	SQM		
		<b>SH: PLASTERING WORKS</b>				

22	6.2.2	15 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed.				
		<b>A) On rough side</b>				
		(b). In cement mortar 1:4 ( Including Plinth Area Wall)	<b>167.01</b>	SQM		
		<b>B) On fair side</b>				
		(b). In cement mortar 1:4	<b>200.04</b>	SQM		
<b>Sub Total</b>						
<b>SH: PAINTING</b>						
23	13.9.2	Finishing old/ new wall with water proofing weather coat smooth anti-fungal exterior painting of Apex brand of Asian Paints and of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats)	<b>167.01</b>	SQM		
24	13.4.7	Wall painting (two coats) with Plastic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after throughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth.	<b>200.04</b>	SQM		
		(a).Plastic Emulsion Paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac)				
<b>Sub Total</b>						
<b>SH: REINFORCEMENT</b>						
25	18.1.1	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete (upto 1st floor level).				
		b) Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX) (For Assam Type Bldg., drain works,,retaining wall&boundary wall etc. .	<b>19.60</b>	Qtl		
	9.1	<b>SH: WOOD WORKS</b>				
26	9.1.2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S hold fast (40mm x 3mm x 250mm ) as per design embeded in cement concrete block in				

		proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified				
		Door= 5.2 x .15 x .075 x 2.....	<b>0.12</b>			
		Window/ Ventilator = 41.7 x .15 x .075.....	<b>0.47</b>			
		(b) With 1st class timber (Bonsum/ Sundi)	<b>0.59</b>	CUM		
27	9.9.6	(a) Providing fitting and fixing 1st class local wood battened, ledged and braced door and window shutters including oxidised iron butt hinges (100mmx 58mmx1.90mm) 6 nos with necessary screws.				
		1) Door= 2x 1 x 2	<b>4.00</b>			
		2) Window= .6 x 1.2 x 10	<b>7.20</b>			
		3) Ventilator= .6 x .4 x 7	<b>1.68</b>			
		(b) Using Gamari wood				
		(i) 25mm thick	<b>12.88</b>	SQM		
		<b>CH-8 : ROOFING &amp; ROOF TREATMENT</b>				
	8.1	ROOFING				
28	8.1.1	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc.to be measured and paid separately).				
		(a) 0.45 mm thick ( 6.29 x 13.2 x 2)		<b>166 SQM</b>		
		<b>CH-18: STEEL AND IRON WORKS</b>				
	<b>18.3</b>	<b>ROOF TRUSS</b>				
29	18.3.1	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using MS circular hollow section conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists as per design and drawing as directed.				
		<b>b) Using other ISI marked approved circular hollow section</b>				
30		i.) 62.5 mm dia(OD).....148.1 M X 5.16 KG/m	<b>764.19</b>			
31		ii.) 48.3 mm dia(OD).....237.6 M X 3.27 KG/m	<b>776.95</b>			
		<b>Total</b>	<b>15.40Qtl</b>			

		<b>Ch-10: GRILL</b>				
<b>32</b>	<b>10.2</b>	Providing, fitting and fixing <b>M.S. grill of required pattern</b> for windows/ clerestory windows/ opening with M.S. flats at required spacing in frame all round, square or round M.S. bars with round headed bolts and nuts or screws.				
		<b>I. Plain grill</b>				
		(c) Fixed to Brickwork/P.C.C/R.C.C.	<b>147.00</b>	kg		
<b>33</b>	<b>15.1</b>	<b>SH- DOOR AND WINDOW FITTINGS</b>				
		<b>ELECTRO COLOURED IRON FITTINGS</b>				
		<b>b) Tower bolts</b>				
		v) 100mm x 10mm	<b>20</b>	<b>Each</b>		
		<b>d) MS door/window handles</b>				
<b>34</b>	<b>15.1.1</b>	i) 75mm	<b>12</b>	<b>Each</b>		
		<b>e) MS gate shutter hook &amp; eye</b>				
		i) 75mm	<b>10</b>	<b>Each</b>		
		<b>k) MS door latches</b>				
		ii) 250mm x 10mm x 6mm	<b>2</b>	<b>Each</b>		
<b>35</b>	<b>a)</b>	<b>FOR DISMANTLING AND DEMOLISHING.....</b>	<b>L/S</b>	<b>L/S</b>	<b>L/S</b>	
	<b>TOTAL</b>					

Certified that the above information is given by me and is true to the best of my knowledge and belief.

\Signature with Seal

List of documents enclosed: