

TENDER - 1 DOCUMENT

FOR

NEW CONSTRUCTION

**GROUND AND FIRST FLOOR OF THE NEW WING OF
G.S. COLLEGE OF COMMERCE AND ECONOMICS,
NAGPUR.**

SCHEDULE OF DATES

SCHEDULE	DATES	TIME
Availability of Tender Forms	24-05-2019 to 04-06-2019	10:00 HRS - 16:00 HRS
Pre-bid Meeting	31-05-2019	16:00 HRS
Submission of Tenders	04-06-2019	16:00 HRS
Tender Opening	06-06-2019	10:00 HRS
Finalization of Tender	13-06-2019	

PROJECT DETAIL :

NEW CONSTRUCTION –
GROUND AND FIRST FLOOR OF NEW WING.

CIVIL WORK :

NEW CONSTRUCTION –
GROUND AND FIRST FLOOR OF NEW WING.

OWNERS :

G.S.COLLEGE OF COMMERCE AND ECONOMICS, NAGPUR.
SHIKSHA MANDAL, WARDHA

ARCHITECTS :

CHOUDHARY CONSULTANTS,
38, CHITANVIS LAYOUT,
BYRAMJI TOWN ,NAGPUR,
440013, (M.S) INDIA.
TEL: 0712-2580350

CONTRACTOR :

M/S: _____

CONTACT: MOBILE: _____

LANDLINE: _____

BASIC RATE OF MATERIALS TO BE CONSIDERED FOR THIS QUOTATION:

1. CEMENT : Ultratech/ Ambuja/ Manikghar/ (43 Grade)	Rs. 300/ Bag.
2. STEEL : (Fe 500)	Rs. 50,000/ MT.
3. BRICKS: a) MUD BRICKS b) FLY ASH.	Rs. 5000 / 1000 NO. Rs. 5000 / 1000 NO.
4. SAND	Rs. 1250/- Cu. M
5. AGGREGATE (20mm)	Rs. 1000/- Cu.M
6. VETRIFIED TILES	Rs. 600/- PER SQ.FT
7. CERAMIC TILES	Rs. 300/- PER SQ.FT
8. FLUSH DOOR(30MM)	Rs. 1300/- PER SQ.FT
9. GRANITE – (12MM THICK)	Rs. 1200/- PER SQ.FT
10. ALUMINIUM WINDOW	Rs. 1400/- PER SQ.M
11. TEAK WOOD DOOR FRAME	Rs. 35000/- PER CU.MT

NOTE:

1. Validity of rates shall be till the completion of the project.
2. Basic cost of all material mentioned will be inclusive of GST.
3. Contractor's quote will be exclusive of GST.
4. Slab will have to be cast in continuity with complete shuttering in place and Joints shall only be allowed at the Expansion Joints.
5. Brands for Sanitary ware : Cera/Parryware/Hindustan
6. Brands for Fittings: Jaguar/ Grohe/ ARK

Terms And Conditions

1. THE CONTRACTOR shall carry out and complete the said work in every respect in accordance with this contract and with the directions of and to the satisfaction of the Architect / Consultants.
2. THE CONTRACTOR shall give all the necessary personal attention during the execution of work. The contractor shall also employ Qualified Engg. during the progress of work, competent representative who shall be constantly in attendance while the men are at work. Any directions, explanations, instructions or notices given by the Architect/consultant to such representatives shall be deemed to be given to the contractor.
3. CONTRACTOR shall not do any work extra or make any alternations or any additions to or omissions from the works or any deviations from any of the provisions of the contract, stipulations, specifications or drawings without the previous consent in writing to the Architect/consultants.
4. All extra work whose rate have not been included in the bill of quantities shall only be executed after the rates have been accepted in writing by the Architect.
5. The rates mutually agreed in the bill of quantities is valid till completion of the work. In the event of any extension of time is required by the contractor to complete the work with regard to extra or additional work, necessary permission should be sought from Architect as & when required.
6. The labour insurance and injuries to staff will be the responsibility of the contractor.
7. Any defects, shrinkage, settlement or other faults which may appear within the defect liability period (9 Months AFTER COMPLETION OF THE WORK) arising in the opinion of the Architect from workmanship shall upon the directions of Architect be amended and made good by the contractor at his own cost unless the Architect shall decide that he ought to be paid for such work.
8. The work shall not be considered as complete until the Architect has certified in writing. The defects liability period shall commence from the date of such certificate.
9. All disputes and difference of any kind whatever arising out of or in connection with the contract or the carrying out of works shall be referred to and settled by the Architect. But if either the employer or the contractor be dissatisfied with decision of the Architect on any matter, question of disputes of any kind, in

such case either employer or contractor may within Twenty-eight days after receiving notice of such decision, give written notice to the other party through the Architect requiring that such matters in disputes be Arbitrated upon.

The Arbitrator should be a Fellow of Indian Institute of Architects to be agreed upon by both parties or in case of disagreement Three arbitrators, all being fellows of Institute Of Architects, one to be appointed by each party and third appointed by Architect. The award of the arbitrator or arbitrators shall be final and binding on both the parties.

10. All labours, measurements and execution of work should be as per drawings and specifications of latest I.S.code.
11. A running bill for payment will be produced by the contractor only when the minimum value of work done is Rs. 10,00,000/- (Rs. Ten Lakhs.)
12. The owner reserves the right to supply any material on site.
13. The owner will supply electricity and water at only one point free of cost.
14. Owner can terminate the contractor without prior notice & bill shall be settled on prorata basis.
15. Damages for delay shall be decided by owner.
16. Cube test shall be conducted by contractor as & when required by the Architect or the Engineer-In-Charge.
17. An Income Tax @ 2% or as Applicable & 5% security deposit will be deducted from each running bill of contractor, & T.D.S. certificate will be issued to the contractor.
18. The labour Insurance, injuries to staff, PF Registration and ESIC required for labour will be the responsibility of the contractor
 - a) The contractor should submit his GST registrations, PF, Insurance Policy, work done certificate of minimum Rs. 75,00,000/- (2 such projects in a financial year with completion period) Account and Balance sheet for last 2 years to the owner.
19. For the works like dismantling / cutting trees / removing existing Structure, record of actual number of labours supplied at site shall be maintained by the contractor & the same shall have to be duly signed by Engineer In Charge of site / Concern authorized Person for billing.
20. The contractor will have no verbal communication between the Owner and the Architect. Only written communication is allowed.(email...etc) for any approval/ changes, etc.

21. The project will have to be completed within 9 months as agreed by the contractor.
In case of delay the contractor will have to pay Penalty of Rs. 1,00,000/- per week for a period of maximum Four weeks, beyond which it will be Four Lakh per week.
22. RMC will be permitted at no extra cost but the strength of concrete by cube test will be randomly conducted by the contractor at site on the Architect's instructions. Cement consumption will be predetermined as per Architect's specification.
23. Door frames will be RCC of pulldown or equivalent make. Doors will be 30mm flush doors, enamel painted.
24. Quotation for Aluminium window will be for 2 tracks. MS grills will be enamel painted.
25. No labour hutments will be provided within the premises.
26. Contractor's security person to safeguard the material and verify material supplied at night will be permitted after due verification of identity.
27. Working at night will not be permitted beyond a specified time without special permission from the Principal of the College.

Signature of Contractor

Signature of Owner

Signature of Architect

TENDER - 1

BOQ OF PROPOSED NEW WING CONSTRUCTION (GROUND AND FIRST FLOOR) FOR G.S. COLLEGE OF COMMERCE AND ECONOMICS, NAGPUR.

NOTE :- 1)Quote the Rates with Cement,Steel etc.(with all materials) as mention in the Basic Rates given in the Tender.
2) Quote the Rates including all Lifts,Leads and full Height(3.6m clear ht.) per floor of the Building & Curing.
3) Before Quoting the Rates Please visit & Check the Site.
4)Minor changes in Quantity/Specification may occur during execution of work of which Contractor will be informed in Advance.

Sr. No.	ITEMS OF WORKS	UNIT	APPROX. QUANTITIES	RATES	AMOUNT
1	Excavation for foundations in all sorts of soils, of all type sand, gravel, soft/hard murum, masonry, C.C. or R.C.C. members embedded in the ground including removing excavated material and stacking the same if required or disposing of the surplus material by mechanical transportation with all leads and lifts upto 1.5m inclusive of dewatering, preparing the bed for foundations necessary back filling, ramming, watering shoring and strutting as an where required etc. complete including dewatering.	CU.M	173.88		
2	Excavation for foundations in all sorts of soils, of all type sand, gravel, soft/hard murum, masonry, C.C. or R.C.C. members embedded in the ground including removing excavated material and stacking the same if required or disposing of the surplus material by mechanical transportation with all leads and lifts from 1.5m to 4.5m inclusive of dewatering, preparing the bed for foundations necessary back filling, ramming, watering shoring and strutting as an where required etc. complete including dewatering.	CU. M.	347.76		
3	Excavation for foundation in soft/ disintegrated rock including removing the excavated material and stacking the same if required or disposing of the surplus material by mechanical transportation with all leads and lifts up to 1.5 Mtr. depth, of preparing	(RO) CU. M.	178.94		
4	Providing pre as well as post construction anti termite treatment by treating the bottom surface and sides of excavation, by treating the back fill in immediate contact with foundation, by treating the top surface of plinth filling and to the soil	SQ.M.	368.667		
5	Filling in plinth and floors with Contractors supplied material in 15 cm to 20 cm layers including watering and mechanical compaction complete with all Leads and lifts.				
	(a) Metal Dust	CU. M.	126.6886		
	(b) Murum	CU. M.	1139.4614		
6	Soling of 80mm thick of random rubble	CU. M.	79.6306		
7	Providing and laying in situ cement concrete of trap/ granite metal for foundations and beddings including dewatering, plywood/steel form work and centering, compacting and finishing, curing, with super plasticiser (0.25 to 1% by weight of cement) etc.				
	a) M10 (4.6 bags/cubic meter)	CU.M.	11.592		
8	Providing and laying in situ cement concrete of trap/ granite metal for Plinth grade slab including dewatering, plywood/steel form work and centering, compacting and finishing, curing, with super plasticiser (0.25 to 1% by weight of cement) etc.	CU.M.	85.10805		
9	Providing and laying readymix concrete of trap/granite metal for foundations like column footings, raft slabs, grillage, steel stanchions including dewatering, plywood/steel form work and centering, mechanical compacting and finishing, curing, finishing complete with permissible flyash- 15% of Ultratec or equivalent brand.				
	a) M25 (8.00 bags / cubic meter)	CU. M.	30.912		
10	Providing and casting readymix cement concrete of trap/granite metal for R.C.C. work for columns, beams, slabs, lofts as per detailed design and drawings or as directed including plywood/ steel form with permissible flyash- 15% of Ultratec or equivalent brand.				
	a) M25 (8.00bags / cubic meter)	CU. M.	271.65185		
11	Providing and casting on situ cement concrete of trap/granite metal for R.C.C. work for lintels, fins, chajjas, canopies, waist slabs with steps as per detailed design and drawings or as directed including plywood/ steel form				
	a) M25 (8.00bags / cubic meter)	CU. M.	129.3175		
12	Providing and casting in situ concrete of trap, quartzite metal for plain or molded coping to plinth or parapet, sills, corniness, jams molded or shampere as per drawing or as directed including steels centering plywood/ steel from work, compacting, finis	CU. M.	86.25		

13	Providing and fixing in position mild steel/HYSD bar reinforcement of various diameters for RCC footings, raft slabs/retaining walls, waist slabs, foundations slabs, beams, columns, canopies, staircases, newels, chajjas, lintel, pardies, coping, fins, aches etc. as per detailed design and drawings, schedule, including cuttings, bending, hooking the bars, binding with wires, or tack welding or supporting as required etc. complete for all floors with all leads and lifts.	METRIC TONE	37.053		
14	Providing B.B. masonry (230MM THK) with conventional / IS type bricks in Cement Mortar 1:6 including striking joints on unexposed faces/ raking out joints on exposed faces and watering and curing etc. complete with all leads and lifts.				
	b) For super structure for all floors with all leads and lifts etc. complete (1.4bags/cubic meter)	CU. M.	348.29705		
15	Providing BB masonry (115 MM THK.) with conventional/IS type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of two bars of 6 mm diameter/ two hoop iron strips 25x1.6 mm placed at every third course, properly bent and bonded at end, scaffolding racking out joints, curing etc. complete for all floors with all leads and lifts. (0.22 bags/ Square meter)	SQ.M.	338.5255		
16	Providing cement plaster in single coat in cement mortar 1:5 without niroo finish neatly finished or roughned as required to concrete or brick surfaces in all positions including scaffolding curing etc. complete for all floors with all leads and lifts, etc. complt.				
	a) 12 mm thick (0.09 bags/ square meter)	SQ.M.	682.23405		
17	Providing sand faced plaster in cement mortar using khasba or similar type of sand in all positions including base coat of 15 mm thick in CM 1:4 using water proofing compound at 1 Kg per cement bag, curing the same not less than for three days, keeping the surface of base coat rough to receive the sand faced treatment 6 to 8 mm thick in CM 1:4 finishing the surface by taking out grains, making grooves as per Architects requirement and curing for 14 days. Scaffolding etc. complete for all floors with all leads and lifts. (0.22 bags/square meter)	SQ.M.	682.23405		
18	Providing and fixing door frame for opening size of 1.20m x 2.42m of approved make with required no of hold fasts coach screws with two coat of oil painting etc. complete for all floors with all leads and lifts.				
	RCC frame	Nos.	28		
	B-Grade Teak Wood Frame	(R/O)Nos.			
19	Providing and fixing approved quality factory made solid single leaf of commercial grade as per detailed drawings as directed all necessary beads and lipping cromium plated brass fixtures and fastenings with mortise lock of approved quality, tower bolts, cromium plated handles finishing with two coats of oil painting etc complete for all floors with all leads & lifts.				
	a) 35 mm thick	SQ.M.	58.6845		
20	Providing and fixing anodised aluminium window of size 1.80m x 1.20m with 2 tracks and 4mm thick clear float glass	SQ.M.	96.876		
21	Providing and fixing window sill of polished granite with half moulded polished edge	Rmt.	80.73		
22	Providing and laying ceramic tiles for dado of required size, patterns and design on a bed of CM 1:4 plaster and fixed with cement and 4% cement resin, including, cleaning, rubbing, filling the joints with white cement mixed with pigment to match the colour of tiles for all floors including all leads and lifts etc. complete. (0.22 bags/ Sq mtr)	SQ.M.	27.7265		
23	Providing and laying cement concrete floor 50 mm thick with 1:2:3 cement concrete laid to proper level and slope in alternate bags including compacting, PVC/Glass/aluminum strips at joints marking lines to give appearance of tiles 30 cm x 30 cm. Finishing	(R/ O) SQ.M.			
24	Providing and laying plain polished Kota stone in flooring 25 to 30 mm thick diamond cut on a bed of CM 1:6, including cement float, filling joints with neat cement slurry, curing, rubbing, mirror polishing and cleaning etc. complete for all floors with all leads and lifts	SQ.M.	1588.219		
25	Providing and laying Vetrified tiles of approved quality of different sizes for flooring in required position laid on a bed of cement mortar 1:6 including neat cement float, filling joints with white cement slurry mixed with pigment to match the colour of Vetrified tiles curing etc. complete for all floorswith all leads and lifts.	(R/ O) SQ.M.			
	i)For flooring (0.27 bags/ Sq mtr)	SQ.M.	1588.219		
	ii)For Skirting & dado (0.27 bags/ Sq mtr)	SQ.M.	56.1016		
26	Granite for Skirting	(R/O)Rmt.			
27	Providing and fixing mild steel grill work for windows (1.80m x 1.20m), ventilators (0.60m x 0.60m) as per architect drawing and design including fixture, necessary welding, finishing with one coat of steel anti corrosive paint and two coat of epoxy painting etc. complete for all floors	per kg	6404.58		
28	Providing & applying washable oil bound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces.(including the putty work and primer coat) complete.	SQ.M.	682.23405		
29	Providing and applying 3 coats of water proof cement paint of approved manufacture and of approved colour to the plastered surface including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete.	SQ.M.	682.23405		

30	Providing water proofing treatment of Terraces and toilets by applying first coat of polymer modified semi-viscous paste prepared by mixing polymer of approved make (such as Master Seal 550/ brush bond / RoffSupercrete/ Webercrete/ Monobond / Perma shield / Hypercrate / Master Crete M 81) and Cement in 1:2 proportion (1 litre polymer : 2 Kg Cement)or Rohnex water proofing system in two coats(1kg powder,700 ml water and polymer jelly for first coat & 1 kg powder,500 ml water & polymer jelly for second coat) to a neatly cleaned and dust free concrete surface and upto 300 mm over parapet wall prepared by removing loose and deposited material with brush and water, laying glass fibre mesh of 10 x 10 specification of approved make over tacky surface of first coat of polymer followed by second coat in transverse direction, laying mechanical protective cover to polymer coating treatment with brick bat coba with burnt broken brick bats laid in C.M. 1:5 admixed with approved water proofing compound, filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M. 1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm thick layers of same mortar added with polypropylene fibres at 125 gm per bag of cement including finishing the surface smooth with cement slurry admixed with approved water proofing compound, Marking finished surface by flase squares of 300 mm x 300 mm making thejunctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on court fee stamp paper of Rs. 100/- including ponding test etc. complete	(R.O) SQ.M.			
30	Providing and laying in trenches galvanised iron pipe having embossed ISI mark on it of required diameter with screwed, sockets, joints, necessary galvanised iron fittings such as sockets, back nuts, elbows, bends, tees, reducers, enlargers, plugs, clamps, etc by necessary excavation, back filling, fixing with clamp, testing etc. complete (prior approval by sample and brand by EIC is necessary before use) - Pipe should be a "B" class 'Suryaprakash / Oswal make')				
	(a) 15mm dia	(R/O)Rmt.			
	(b) 25mm dia	(R/O)Rmt.			
	(c) 40mm dia	(R/O)Rmt.			
	(c) 50mm dia	(R/O)Rmt.			
31	Providing and fixing 15mm dia brass C.P. bib cock 300 gm/400gm weight of Symet type including necessary sockets, union nuts, testing, etc. complete (prior approval of sample by EIC is necessary before use) bib cock long body.	(R/O)Nos.			
32	Providing and fixing chromium plated wall mixer cock of heavy duty without washer with chromium plated showers with/without telephonic arrangemnet including necessary supply pipes 15 mm dia and fittings like socket union, nuts, bends, valves, reducers, including necessary drilling holes in walls, slabs, etc. and remaking good the demolish portion to restore the same in original condition neatly and cleaning the site after completion of work, testing, etc. complete. (S.E.'s permission to be obtained before execution of this item) (prior approval of sample and brand by ex-engineer is necessary before use)	(R/O)Nos.			
33	Providing and fixing 12 mm dia ball cock medium type with PVC float including sockets and necessary fittings and testing as per requirement.(prior approval of sample and brand by EIC is necessary before use.	(R/O)Nos.			
34	Providing and fixing 100 mm dia chromium plated brass showers rose to 15mm dia. Supply pipe including necessary bend and socket, testing, etc. complete. (prior approval of sample and brand by ex-engineer is necessary before use)	(R/O)Nos.			
35	Providing and fixing first class "Orissa" type colour glazed earthenware 600mm x 400mm WC pan including with porcelien "P/S" trap UPVC soil and vent pipe upto the outside face of the wall including 100mm dia UPVC plug bend 10 lit UPVC high level flushing cistern with fitting inlet pipe with stop tap, brackets, 32mm dia UPVC flush pipe with fittings and clamps, 20mm dia UPVC overflow pipe with mosquito proof coupling, UPVC chain and pulley painting, making to cistern and exposed pipe cutting and making good to sheer wall and floors, testing etc. complete (prior approval of sample and brand by EIC is necessary before use.)	(R/O)Nos.			
	Option without flushing cistern, with flush cock and necessary fittings - 04 nos.	(R/O)Nos.			
36	Providing and fixing European type coloured glazed earthenware WC pan including with bakelite seat and lid with chromium plated brass hinges and rubber buffers including UPVC soil and vent pipe upto the outside face of the wall, 10 lit UPVC high level tank flushing cistern, 32mm dia UPVC flush pipe with fittings and clamps, 20mm dia UPVC overflow pipe with mosquito proof coupling, painting to exposed pipe and cutting and making good to the wall and floors, etsting etc. complete. (prior approval of sample and brand by EIC is necessary before use.)	(R/O)Nos.			
	Option without flushing cistern, with flush cock and necessary fittings - (with metropole flush valve, water jet and necessary fittings)	(R/O)Nos.			
37	Providing and fixing steel sink of size 600mm x 400mm x 250mm (1mm thick) UPVC waste pipe upto outside face of the wall, or upto nahani trap. Cold water Chromium plated screw down bib tap, rubber plug and brass chain, making good the damaged surface, etc complete.(prior approval of sample and brand by ex-engineer is necessary before use)	(R/O)Nos.			

38	Providing and fixing white glazed earthenware wash hand basin of 55cm x 40cm size including cold water pillar tap, brackets, rubber plugs and brass chain ,stop tap, chromium plated bottle trap and necessary pipe connections including UPVC waste pipe and trap upto the outside face of the wall making good and damaged surface , testing etc. complete (prior approval of sample and brand by ex engineer is necessary before use.)	(R/O)Nos.			
39	Providing one 37 mm diameter C.P. heavy quality waste coupling 37 mm diameter GI/ PVC outlet pipe from sink upto nahani trap.	(R/O)Nos.			
40	Providing and fixing white glazed earthenware urinal squatting type without cistern with fittings ,inlet pipes, stop tap ,32 mm diameter UPVC flash pipe with fittings and spreader arrangement including UPVC soil pipe, UPVC trap ,soil pipe connection upto the outside face of the wall making good the damaged surface, testing etc. complete (prior approval of sample and brand by ex- engineer is necessary before use)	(R/O)Nos.			
41	Providing and fixing stop cock 15 mm including necessary sockets union nut, testing etc complete(prior approval of sample by EIC is necessary before use)	(R/O)Nos.			
42	Providing and fixing 10 cm rigid PVC nahani trap including PVC grating bend connecting pipe of PVC pipe of required diameter pipe up to the outside face off the wall making good the holes and repair testing etc. complete	(R/O)Nos.			
43	Providing and fixing UPVC soil went waste SWR supreme quality pipe of required diameter conforming to IS 13592 and IS 4985 to with stand continuous internal hydraulic pressure of 4kgcm2 including necessary fixtures and Fittings such as bends 30 singles junctions double Junction and jointing with rubber rings and lubricants on wall by means of clips or in ground including necessary excavation playing referring Trench testing etc complete				
	75 mm dia pipe	(R/O)Rmt.			
	110 mm dia pipe	(R/O)Rmt.			
44	Providing and fixing 450 mm into 550 mm size superior type mirror (Modiguard) with 16 mm dia nickel plated towel rod etc. complete	(R/O)Nos.			
45	Providing and fixing soap dish chromium plated	(R/O)Nos.			
46	Providing and fixing glass shelf 125 mm wide and 600 mm long with necessary chromium plated brackets providing T.W. gutties etc complete	(R/O)Nos.			
47	Providing and fixing chromium plated towel rod 16 mm diameter and 75 cm in length including all all accessories complete (prior approval of sample and brand by ex-engineer is necessary before use)	(R/O)Nos.			
TOTAL					
GRAND TOTAL					
GRAND TOTAL (IN WORDS)					