

## NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI.

Mr.H.T.Bhalsod  
Executive Engineer,  
Navsari Agricultural, University, Navsari.



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NO. NAU/EE/B-2 /5152 / 2021

DATE :- 26/07/2021

To,

(1)All Interested bidders for below mentioned work. (by web publication through www.nau.in)

**Sub.:- Addition Alternating at Comptroller Office For Toilet Block at NAU Navsari.**

Sir,

Sealed and super scribed quotation for the above said work are invited by post/courier/ RPAD/Speed post so as to reach this office on or before date:- 05/08/2021. The repairing is to be completed as early as possible. The rates must be quoted with all labour cost,material cost including all Government taxes.

### Schedule - B


**Name of work:- Addition Alternating at Comptroller Office For Toilet Block at NAU Navsari.**

It No.	Item of Work	Qty	With L.C Rate	Per	Amount
1	Demolition of brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i)Cement mortar (S.O.R./2015-16/20.11/pg-163 )	1.15	349.46	Cmt	401.88
2	<b>Dismantling Doors, Windows, Ventilators etc.</b> (Wood or steel) shutters including chowkhats architraves holdfasts and other attachment etc. complete and stacking them within all lead and lift (i) Not exceeding 3Sq.M. in area. (S.O.R./20013A/20.49/Pg-164)	1.00	119.18	Nos	119.18
3	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i)RCC work (S.O.R./2015-16/20.3/pg-163 )	2.00	671.65	Cmt	1343.30
4	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg/sqm in foundation and plinth in cement mortar 1:6 (1-cement : 6-fine sand)(B) Conventional(more than 10 ton) (S.O.R./06002BA/6.13/pg-63 )	3.50	2596.71	Cmt	9088.49
5	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in plan for complete as directed by engineer in charge. Upto floor two level Ground Floor ( C ) Coping & Sill(RA)	0.20	4829.82	Cmt	965.96
6	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in plan for complete as directed by engineer in charge. Upto floor two level Ground Floor Lintel(RA)	0.10	5433.80	Cmt	543.38

7	Providing and fixing <b>35mm thick shutters for doors, windows</b> and clerestory windows including india teak wood frames 10cm x 7cm. Size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete (ii) <b>Partly Panelled and partly glazed.</b> (S.O.R./10031C/0/Pg-97)	2.10	4119.79	Cmt	8651.56
8	Providing <b>15mm thick cement plaster</b> in single coat on Rough(Similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 ( 1-Cement :4-Sand) (S.O.R./17002B/17.6/Pg-153) + (S.O.R./17004/17.69/Pg-153)	32.00	139.68	Smt	4469.76
9	Providing and laying <b>Ceramic tiles</b> 6mm thick in <b>flooring</b> treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.(upto 10 ton) (S.O.R./14008B/14.29(B)/Pg-136)	20.00	655.49	Smt	13109.80
10	Providing and fixing <b>Ceramic tiles</b> 6mm thick in skirting risers of steps and <b>dedo</b> on 10mm thick cement plaster 1:3 (1-Cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton) (S.O.R./14009BA/14.32(B)/Pg-137)	18.00	618.12	Smt	11126.16
11	<b>Distemping</b> (Two Coats) with oil bound washable distemper of ICI dulex brand of required shade on wall / ceiling surfaces to give an even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give an even shade after mortar dropping and other foreign matter and also including preparing the surface even and smooth etc .....completed as directed by E.I.C.(S.O.R/2015-16/18022/18.45/pg-157)	42.00	45.65	Smt	1917.30
12	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed.( c) with oval conduit /pvc casing capping double lock type Cat-III. [1-2-1(C)Cat- III]	1.00	383.80	Pt.	383.80

13	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. [I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board. ( c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete. Cat - III [1-2-3-(1)(C)Cat - III]	1.00	409.05	Pt.	409.05
14	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories.	1.00	242.40	Pt.	242.40
15	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size. ( c) with oval conduit /pvc casing capping double lock type . (b) 2 wire 2.5 sq. mm. [1-4-1(C)(b)]	20.00	80.80	mtr	1,616.00
16	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM. [C] 380 mm dia 1400 RPM Cat III [5-3-4. C, Cat - III ]	1.00	3,636.00	Ea.	3,636.00
17	Providing suitable M.S. louver shutter of the Exhaust fan.[5-3-5]	1.00	434.30	Ea.	434.30
18	Providing recess in wall or window frame suitable for erection of Exhaust fan complete with plastering and colour washing to match the colour of the wall or window complete with expanded metal in order to render the fitting in accessible and the room water-proof.[5-3-7]	1.00	222.20	Ea.	222.20
19	Supplying & erecting electro galvanised G.I. wire micro mesh jali cover of grade 304 required size with suitable wooden frame duly fitted in wall outside of exhaust fan for insect protection.[5-3-6]	1.00	747.40	sq.m tr	747.40

20	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED efficiency- 110 lumens/watt LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer incharge may select any wattage capacity between the ranges shown.)(A) Tube Light with integral driver. (c) 16-20 Watts, Surge - 2KV, IP-20, 4 feet. [2-15-3,(A)(c)]	1.00	472.68	Ea.	472.68
	Total Rs.				59900.60

  
 Executive Engineer  
 Navsari Agricultural University  
 Navsari

I/We agree to Carry out and complete the work at.....% (In Figure) .....  
 ..... Percentage (In Words) Above / Below than the estimated cost as mentioned above.

Date:-.....

Signature of Contractor:

Executive Engineer  
 Navsari Agricultural University  
 Navsari

**NOTE:-**

- (1) In General the work shall be executed standard specification prescribe in the relevant material to be used in this item. The Rate Quoted must be inclusive of all taxes and cess.
- (2) The work shall be executed in good manner in true line & level as per site condition.
- (3) All the Materials shall be got approved before use.
- (4) After Completion of the work testing of the Waterproofing shall be done free of cost.
- (5) After Completion of the work site shall be cleared.