

Meerut Development Authority, Meerut.

Tender.NO-7

Sealed Tenders are invited for the following works so as to reach the Meerut Development Authority, Meerut. Opposite Police Lines, Meerut latest by 3:00 P.M.

Name of Scheme:—जगवक जकम ij jyoS vkOj fczt ds ikl Nkouh {ks= es fufeir dejs o Vk; yM es vo' ksk dk; A

S No.	Item	Estimated Cost	Earnest Money In Laks	Cost of Tender	Time of Completion
01—	उपरोक्तानुसार	5-06	0-51	855-00	2 ekg

2. Tender will be opened at **4.00 P.M. on 04.11.2016** and the tenders are welcome to be present.

3. The work must be completely finished in accordance with the contract documents with in the present.time prescribed as mentioned above form the date order of the to commence work.

4. The notice copies of the drawings and other documents per tainting to the work will be open for inspection by the tender at the office of the Meerut Development Authority during working hours after day of blank tender forms along with other documents can be obtained from the office of the Meerut Development Authority during hours on payment of cost as above per set.

5. Each tender must be accompanied by deposit mentioned above as earnest money in any of the following forms.

6. (A) Government Securities, municipal debentures or bonus of any other corporation owned or controlled by department part trust bonds or receipt of any scheduled bank in India pledged to Meerut Development Authority, Meerut.

(B) National Saving Certificate/National Plan certificates /Defense Savings/National Defense Certificates pledged to Meerut Development Authority Meerut.

(C) Post Office Savings Bank Pass book pledged to Meerut Development Authority, Meerut.

7. Sales Tax & Other Taxes if any on materials in respect of this contract shall be payable by the contractor and Meerut Development Authority, Meerut will not entered in and claim whatsoever in this respect. No tenders shall be permitted to tender for works in the Meerut

Development Authority. Where any near relative of this is posted in the service of Meerut Development Authority, Meerut.

8. The expression tender of self used in this clause include any partner or director of the tendering firm company as the case may be.
9. The tenders are advised to see the site of the work and they will be deemed to have fallterised them selves with the scope of work local conditions, drawings, specification. Conditions of contract etc. before submitting their tenders.
10. Tenders shall remain open for acceptance for period of three months from the date opening of tenders.
11. Canvassing in any form will disqualify a tender.
12. All rates shall be quoted on the bank form of the tender supplied by the Meerut Development Authority. Tenders with rates quoted on private paper are liable to be rejected.
13. The notice inviting tender shall form art of the contract when concluded.
14. Unless the person whose tender is accepted sign a contract and deposits the security secifie3d iinpart-5 above within seven days after he is revised to do so the earnest many deposited by him or equivalent amount out of the general security deposit will be forfeited.
15. On acceptance of the tender the name of the accredited representative of the contractor. Who would be responsible for taking instruction form the Engineer in charge shall be communicated to the officer selling for tenders.
16. In consideration of the Meerut Development Authority having treated the tenders to be an eligible person whose tender should be considered that tenders agree to the condition that the proposal iin response to invitations shall not be with drawn by tenderer within the said period the earnest money deposited by him may be forfeited to the Meerut Development Authority, Meerut.
17. If subsequent to submission of his tender any tenderer amends, alter, notified the contents of his conditions tender shall deemed to have with are now acceptable to the authority then for their purpose of his condition tender shall deemed to have withdrawn his proposals.
18. At the time of preparation of contract bond stamp duty of Rs-8.00%. Shall be deposited by the contractor on the amount E/M of the tender. This shall be minimum of Rs-80.00. And further stamp duty on fraction of Rs. 1000 @ 8.00%.
19. Authority reserves the right to accept or reject the tender in part or in full.
20. Conditional tenders are liable to be rejected.
21. For non compliance with any of the above instruction the tender is able to be rejected.

Assistant Engineer,
Meerut Development Authority,
Meerut.

Scheme Incharge,
Meerut Development Authority,
Meerut.

Material conditions & general specifications :-

- 1- All work shall be carried out in the accordance with the U.P.P.W.D. detailed specifications modified upto date.
 - 2- MATERIALS :- All materials to be used in the work shall be of new and of quality and kind specified in the current U.P.P.W.D. detailed specification.
 - 3- Sand: 3/4 Fine sand, this shall confirm to be latest U.P.P.W.D. detailed specification & shall be free from silt, clay & foreign matter and shall be free form site have the desired quality, brought form Jamuna or Ganga rige. To obtain the desired finesse modules of the fine sand, if required the coarse sand be balanced with the fine sand available.
 - 4- Coarse Sand :- This shall be of approved quality brought form approved quantity the sand shall be screened & shall be at the liness modules of 2.2 to 3:6.
 - 5- Bricks :- The brick shall be best locally available 1st class bricks approved by the Engineer in charge brought form approved brick klin.
 - 6- All the conditions of G.P.W. form no. 9 of U.P.P.W.D. shall be applicable & part of the contract.
 - 7- The contractor shall have to sign farkhati at the time of final bill.
 - 8- The tender shall be subjected to the conditions given in the tender notice of the tender shall be submitted along with stamp paper of Rs. 10/- signed by the contractor, which shall be part of the agreement.
 - 9- At the time of preparation of contract bond stamp duty of 8.00% shall be deposited by the contractor on the amount of earnest money of the tender. This shall be minimum of Rs. 80.00 & further stamp duty of fraction at Rs. 1000/- @ Rs. 8.00%.
 - 10- I/We tender our rates above/below of the rates given in the bill of quantity as above.
 - 11- The earth work will be done by road roller & mixing of L.C. & P.C.C. will be done by contract mixture arranged by contractor on his own expenditures.
- Strike out whichever is not applicable.

Postal Address & Mobile No.

Signature of Contractor

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Office Inviting Tender

Office Receiving Tender Office Opening Tender

ADDITIONAL CONDITONS OF THE CONTRACT

1. Each page of the bill of quantity. Specification and condition should be signed by the contractor.
2. Tenderors should given their rates after careful examination of site of work. Drawings can be seen in the office during working hours. Drawing and specification can however be modified without entitling the contractor to any compensation due to change made there in. Change of site will also not entitle the contractor to any compensation.
3. The contractor must take late consideration, all fluctuations in rates of labour and materials during currency of the work, No claim what so ever on this account shall be entertained.
4. The units of ration as shown in the bill of quantities should be carefully seen as refer, once give by the contractor shall, remain unchanged and no execute on any account will be entrained after the tender box has been closed.
5. RIGHT OF REJECTION :- The department reserves the right to reject any or all the tendors without assigning and reason for doing to. It also reserves the the right to allot either a part of the work or the whole to any tendors, should the sold tenderors refuse to sign the bond. If he is given a portion of work, his proportionate earnest money shall be forfeited and his tender rejected.
6. INSPECTION OF THE SITE AND CHARAOTER OF SOIL:- The contractor shall inspect and examine the site and its surroundings and shall satisfy before submitting his tender as to the nature of the grounds or subsoils and specially about the through and on which excavation is to made foundations to be built not other work to be executed. In his interest he should make sure of the position of quarries, topography of the site, availability of food stuffs, labour and materials and other ammolleles before tendering. no claim for additional work or extra due to any of the above reasons will be allowed as specified in general specifications.
7. LINES AND LEVELS :- The contractor shall be solely responsible for setting out the work and for the correctness of the positions levels dimensions and aruments according to the plants and shall provide all necessary assistance instrument page atnkon, pollon and other materials required for the purpose. He will keep his own qualified staff and instruments to do the job. The tendered rate shall be deemed to included all this.
8. TOOLS AND PLANTS :—The contractor shall arrange of his own tools and plants required for the proper execution and completion of the work wihtin the specified time. If any equipment is issued departmentally, rent will be recovered from the contractor’s bill at rates and terms to be entertained by the contractor from the Engineer in charge in writing etc.
9. WATCH AND WARD:—The contractor shall in connection with the the work provide and maintain at his own cost all guard, fencing and watch and ward required for proper execution and safety of materials etc.
10. MEASUREMENTS:—The Engineer in charge shall accept otherwise stated ascertain and determine by measurements the value in accordance with the contract of the work

done. He shall when he require any part or parts of the work to be measured, give notice to the contractor. Who shall forth with attend or send on authorised agent of representative with the necessary labour and implements to assist the official measuring the work in making such measurement and shall furnish all particulars required. Should the contractor fail, to attend or omit to send such Agent or representative, than the measurement made by the Engineer In charge of any official under him of approved by him, shall be taken to be the correct measurement of the work.

11. MATERIALS AND APPLIANCES:—All reasonable facilities will be provided by the Authority to the contractor for procuring of controlled materials but the failure, on the part of the contractor to get the materials in pursuance to any permit etc. Issued on behalf of the Authority, shall not serve any ground for not carrying out his obligation under the contractor.
12. TIME OF WORKING:—The contractor will be required to so that the usual working hours are adhered to No work should be done in night without the permission of the Engineer in charge except when its absolutely necessary for the saving of life or property or for the safety of the work in which case the contractor shall immediately seek advice of the Engineer in charge Some times however, some work. It may be directed by Engineer in charge will have to be carried out in the night and no extra payment shall be made to the contractor on this account.
13. PROGRAMME AND RETURNS TO BE FURNISHED :—As soon as pencil cable but not less than one month after the acceptance of his tender the contractor shall, if required to submit to Engineer in charge for his approval a program showing the order of procedure and method in which he proposed to carry out the works and shall whenever required by the Engineer in charge for his information particulars in writing of the contractor arrangement for the carrying out of works.
14. DRAWING AND THEIR OWNER SHIP:—The acts of working drawing be got issued by the contractor from the office after his tender has been accepted., Contractor shall keep one set of drawing in the good condition ready at site and available to department Engineer staff. On completion of the work the contractor will have to return these drawing to the office.
15. EXTRACTION OF WORKS :—The cost of extra items of the works necessitated during the execution of the work shall be determined as stated In MDA conditions of contract.
16. CLAIMS :—The contractor shall submit to the executive engineer once in very month an account giving full and detailed particulars of all claims for any additional expenses to which the contractor may consider him self entitled and of the extra and additional works order and executed during the proceeding month. No Claim for payment for any such work shall be considered which has not been included in such particulars.
17. DEFAULT OF CONTRACTORS COMPLIANCE:—Defence of the instructions of the Executive Engineer in charge on the part of the contractor will make the contractor liable to be terminated.
18. Will full in subordination or disobedience to the orders of the Engineering staff whether alone or in combination with another shall be considered to be an act of misbehaviour

and penalty for this as decided and improved by the Executive. Engineer shall be final and binding on the contractor.

19. CLEARANCE OF SITE ON COMPLETION:—The contractor shall at all times keep the premises free from accumulated waste materials or rubbish caused by his employees on the works and on completion of the work he shall clear away and remove from site all construction wastes, surplus materials, rubbish and temporary works of any kind and fill up borrow pits dug by him. He will leave the site and work clean and in a workman like conditions to the entire satisfaction of the Engineer in charge as provided in M.D.A. condition of contract. Nothing extra shall be paid to the contractor for this clearing.
20. FOSSHS ETC:—All found, coins articles of value of antiquity and other remains of things of geological or archeological interest discovered on the site of the work shall be given to the Authority by the contractor and shall be the absolute property of the Authority.
21. SUSPENSION WORK:—The contractor shall on the written order of the Executive Engineer, suspend the progress of the works of any part here of for such time and in such manner as may be considered necessary and shall during such suspension properly protect and accrue the work so far as is necessary in the opinion of the Executive Engineer. Nothing extra shall be paid to the contractor. If such a suspension is necessary for the proper execution of the work by reasons of the weather or by some default on the part.
22. SUB STANDARD WORK:—concrete of strength below 80% of the required strength (as determined actual tests) shall not be accepted concrete of strength not below 80% of required strength may be accepted as sub standard work at suitably reduced rates provided the use of this under strength concrete is confirmed to such members and in such quantities that the safety of the structure is not endangered. The acceptance, of such sub standard work will be at the entire discretion of Executive Engineer and contractor shall not claim as a matter of right. The decision of Executive Engineer shall be final regarding reduction of rates for such sub standard works.
23. If required the contractor shall provide at his own expenses suitable accommodation for his employee including adequate sanitary arrangements and water supply.
24. The quantities shown in the bill of quantities are approximate and liable to variation to any extent on either side and the contractor will not be entitled to any extra rates or compensation due to any change in the quantity of the work to be done. Few items may be required to be omitted and contractor shall, not be entitled to claim and profit on this account.
25. Joint tender will not be considered unless the firm is registered one or the person signing the tender possesses the power of attorney of each other and the partners shall be considered as well as individually or the tender calling which the tender is liable to be rejected and earnest money forfeited.
26. No more than one tender should be submitted by one contractor or by one firm of contractors.

27. All tendered rates shall be considered to include all jobs as mentioned in the detailed specifications attached.
28. After acceptance of the tender the M.D.A conditions of contract with necessary amendments will be attached with the bond and the same will be binding on the contractor.
29. The work of electric fittings shall be taken in hand when the building work has sufficiently advanced. The contractor will have to afford all facilities to other contractor in the execution of their work so that the entire work may proceed in the execution of their work so that the entire may proceed smoothly. No compensation on this account shall be allowed.
30. When opening the tenders the rates shall be read out to all contractors. Who are present.
31. The white lime required for the work shall be brought to the site in unstacked conditions and in good property and to specification on the work after approval of the Engineer in charge or his representative.
32. All building materials arranged by the contractor shall be subject to the approval of the Engineer in charge and rejected materials if any, will have to be removed by the contractor within three days from the site of the work otherwise a penalty of Rs. 50 per day may be imposed on him till the materials in question are removed.
33. The materials to be supplied by the department as per schedule "C" appended at the rates mentioned there in shall be supplied to the contractor in such lots and at such time as the Engineer in charge desired. The contractor should send his requirement in advance to the Engineer in charge. The materials will be supplied in time as far as possible but in case of any materials being not available no claim will be entertained in case of material in schedule "C" the contractor will use only those materials which have been issued by the Department unless directed by the Engineer in charge and approved by the Executive Engineer.
34. Other materials not covered by the schedule "C" can also be issued to the contractor at the discretion of the Executive Engineer in charge if available at the current market rate of stock rates which ever is higher.
35. All materials issued to the contractor will have to be stacked and stored properly at the site of the work and a proper account will have to be maintained by the contractor in accordance with the instructions of the engineer in charge etc. so that checking can be done when necessary. If any surplus materials are left after the completion of the work it shall be put to disposal or removed by the contractor unless he receives permission in writing from the Engineer in charge.
36. An order book will be kept at the site of the work in which instructions may be recorded by the Engineer in charge or his representative. The contractor or his authorized Agent will be required to sign the order book daily in acknowledgement of

the instructions. In case the contractor refuse to do so the instructions written there in shall be binding on the contractor.

37. VERBAL INSTRUCTIONS ISSUED BY THE OFFICERS : Any verbal instruction issued by officers from time to time in connection with; change in design or specification which the contractor thinks entitles him for extra payment shall be got confirmed in writing by the contractor . Failure to do this will not account entitle him extra payment.
38. The contractor shall be responsible to carry out the work according to the drawing attached with the contract bond drawing of details given by Engineer I/C. In case the contractor executes the work of larger dimension than shown in drawing he will only be paid for as per drawings in case work executed is of less dimensions and not covered by the tolerances allowed, It will be at the discretion of Engineer Incharge to accept the work or to reject. In case the work to be accepted the payment will be made as per dimensions actually executed.
39. The contractor before commencing the work shall (a) put in a conspicuous place at the site of work notice, giving the proper of wages which have been certified by the Engineer in charge.
40. The contractor shall be bound by the rules made by the Govt. with regard to the period for which wages have to be paid and deduction from wages.
41. The contractor shall be bound to give preference to ex-service man where available. The nearest sub regional employment exchange may be consulted regarding availability of such man.
42. The tender rates shall include all quarrying charges, royalty screening tools and plants carriage of materials to the site stacking and removal of all rejected materials, all taxes & water arrangement etc.
43. Conditions of M.D.A conditions of contract manual from 79/80/81/82 will also be applicable and will form part of the contract.
44. No claim for extra payment on account of delay in the supply of material or machines to be issued by the M.D.A will be entertained.
45. The contractor must write their correct and complete postal address in tender and arrange to take the delivery of all letters. If any letter is received back undelivered it will be contractor responsibility and contractor shall be bound for such action as may be written in the content of such letter. Any change of address must be intimated to this office for which he should obtain acknowledgements. The contractor or his agent will not refuse to delivery of letter at the site of work in M.D.A office.
46. Stamp duty as required on the contract deed will be borne by the contractor.

47. The M.D.A. Shall have the right of accept at reduced rate sub standard and defective work provided that the sub standard or defective work out considered to be seriously defective by the Engineer In charge and the rates of works so accepted will be suitably reduced by the Executive Engineer to compensate the M.D.A and such reduction will be at the entire discretion of the Executive Engineer and shall be final and binding on the contractor.
48. The work must comply with the relevant U.P. PWD detailed specifications and relevant latest standards of Indian standard codes, as Specified in regarding applicability interpretation or any dispute about specifications shall be final binding on the contractor. The tenderor shall be deemed to cover the following where required to be done and no extra payment for these shall be made.
- (a) Cutting of existing roads and making it good after completion of work in original shape and with specification of broken work.
 - (b) Cutting and making holes to the brick work or roofs (RB or RCC) or floors or plaster and making good the same after completion of the work to original shape and with specification of broken work.
 - (c) Making of pillars to first class brick in 1:3 cement and approved coarse sand mortar for finding water supply lines of water storage tank as desired by the Engineer in charge.
49. (d) Painting two coats of approved paint on all exposed faces either or H.C.I. pipe lines, flushing valves bracket and other fittings and M.S. tanks and girders etc.
50. (e) Lead jointing in HCL Bell and vent pipes lead shall be filled up to 2 cm minimum extra than chaulking by jute.
51. (f) The supervising staff can check by getting the lead joints opened upto 20% of all the joints the same shall have to be referred by the contractor at his own cost. If any joint found with lesser quantity of lead or cracks in lead jointing the penalty as deemed by the Engineer Incharge shall be imposed to all joints.
52. The contractor shall have to dispose of all surplus earth, and rubbish etc. away from the building from the site of the work as and where directed by the Eh. In charge at the time of the completion.
53. All the concealed pipe shall be tested as per direction of Engineer in charge and shall be concealed only when it is approved. The testing charges and equipment etc. for the same be borne by the contractor. The contractor shall be responsible for the leakage till the 10% security is released.
54. The tendered rate shall include all the local and other taxes, water charges, carrying etc. No claim shall be entertained on such account the quantities are liable to vary on either side to any extent for which no claim shall be entertained.

55. After laying and joining, the S.W. and HCL pipes and fittings shall be inspected and got tested any joint found leaking shall be done and all leaking pipes removed and replaced without extra coat.
56. The tendered rate shall be deemed cover the charges of making connection with water tanks and supply pipes etc. for which nothing extra shall be paid.
57. The floor and walls etc. cut for proper completion of the work shall be repaired and finished to its original specification.
58. The GI pipe work including fitting shall be tested to pressure as specified in relevant IS code to ensure that pipes have proper threads and proper materials. All leaky joints shall be made leak proof. Smoke test shall be carried out for HCL pipe line work as provided in the specifications. The S.W pipe shall be tested for 5 mtrs. Head of water nothing extra shall be paid for all these testing.
59. For the material supplied by the department proper accounts will have to be maintained. For cement double lock system will have to be followed.
60. Floor trap, nahani trap if any and W.C. shall be paid at the reduced rates i.e 90% of the rate till got tested against leakage to the satisfaction of the engineer incharge.
- 61- The contractor has to carry out the work of testing twice once before taking the final measurement and secondly any time during period of a month from the date of expiry of contract i.e maintenance period of a month payment, for this 10% security shall be refunded only after the satisfactory completion of work, test maintenance period.
- 62- No payment will be made to contractor for cutting charge and its repair in brick work after completion of work for fixing percaste or cast insite, RCC shelves and no claim on this account shall be entertained.
- 63- The lambs of the doors, windows shall be finished with cement mortar 1:2:2: (1 cement, 2 coarse sand, 2 jamuna sand) against the 12 mm and 15 mm thick plastering items of bill of quantities but nothin extra will be paid on this account.
- 64- No claim will be made to contractor for damage to building works or materials caused by rain, any natural clainities or any other reason what so ever during the execution of the work and no such claim on this account shall be entertained.
I/We have carefully read the above conditions and agreed to abide by them.

Scheme Incharge,

ANNEXURE -1

Tender invited by Executive Engineer _____

Meerut development authority, Meerut (U.P.)

Tender notice No. _____ dated

Name of tender/ work

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In consideration of the Meerut Development Authority having treated tenderor to be an eligible person whose tender may be considered the tenderor hereby agrees to the conditions that the proposals in the above invitation shall not be withdrawn within three months from the date of opening of the tender and also to the condition that in case after the tender as withdrawn his proposal within the stipulated period, the earnest money deposited by him shall be forfeited by the Meerut Development Authority. I hereby agree to the effect that if subsequent to the submission of my tender, a modification is made by me in respect of contents of my tender which is not acceptable to the Meerut Development Authority, it may be DEEMED as withdrawn of my proposal and consequently I am liable for action as above.

I abide by all the rules and regulations of Meerut Development Authority, Meerut.

Date

Signed by Contractor.....

(seal of the firm)

Important Notice : This undertaking is to be signed by the contractor on stamp paper of Rs. 10/- only. This is to be submitted along with the tender, failing which the tender is liable to be rejected. This undertaking shall be attested from Public Notary.

BILL OF QUANTITY

Name of Work-- Remaining work in Toilet & Room at Cantonment area at Rohta Road near Railway Over Bridge

S.No.	DESCRIPTION OF WORK	Qty	Rate	Unit
Item No.1	Supply & Fixing of 6 to 8mm thick ivory or light shades verified tiles 600x600mm size in flooring and skirting with 1:3 app. Cement and C. sand mortar finishes with its cement colour siurry, jointing (NewItem No.4 of Chapter-14)	64.00	1400.00	SQM
Item No.2	Supply and fixing of 4mm thick window glass panes of approved quality including supply of putty etc completion of required for proper completion of the work.(S.I.No.812 of Lucknow Schedule)	4.50	460.00	SQM
Item No.3	Supply and fixing of 32mm thick flush Doors commercial quality conforming to I.S. 2202 Part 1(1983) including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges bolts locks handles spring fitting with necessary screws to besupplied departmentally.(S.I.No.470/2008 ofLucknow)	8.20	950.00	SQM
Item No.4	Approximate cost of ISI marked oxidized iron fitting with screw for door & window etc. (for estimate purpose only).[SI.No.473]	8.20	300.00	SQM
Item No.5	Painting or varnishing work in large areas or new wood work with one coat(upto one squire metre of ready mixed paint and two coat of approved superiour quality ready mixed paint including supply of all Materials,labour,tools & plants etc. required for proper completion of the work.Paint to be used should confirm the ISI no.103-1950 [SI No.644+645]	11.50	81.00	SQM
Item No.6	S/f of 10cm (4") internal dia A.C. Dowm pipes Everest or charminar make complete with bends with doors at top and plain at bottom and grantings and including supply of necessary M.S. clamp 2.5cm x 3mm (1" x 1/8") fixed to walls with and including supply of 15 cm (6") long 6mm. (1/4") dia nail and all materials, labour and T and P etc. required for proper completion of the work and also including repair of plaster pointing etc. if damaged during fixing of the pipes.(S.I.No.730)	14.00	250.00	Rmt
Item No.7	Supply of solvent cement for fixing of P.V.C. pipe.(App. Rate)	17.00	150.00	Ltr
Item No.8	Wiring Point for Light with 1.50Sqmm PVC inculated multistrand single core copper conductor cable in heavy gauge	15.00	403.00	Each

Item No.9	Wiring Point for Plug with 1.50Sqmm PVC inculated multistrand single core copper conductor cable in heavy gauge	4.00	220.00	Each
Item No.10	Wiring Point for Fan/Fresh air Fan with 1.50Sqmm PVC inculated multistrand single core copper conductor cable in heavy gauge	5.00	486.00	Each
Item No.11	Wiring Point for Power Plug with 2.50Sqmm PVC inculated multistrand single core copper conductor cable in heavy gauge	4.00	232.00	Each
Item No.12	Supply and fixing of surface/flush mounting 8 ways SPN distribution board with 4 Nos. 6/16A MCB, 1 No. 32A DPMCB & 2 No. SPMCB blanking plate complete in all respect as directed by E/I (S.I. No. 1009+1024+1030B).	2.00	972.00	Each
Item No.13	Supply and wiring of sub main with 2 Nos.2.5 sq.mm. PVC insulated 1100V grade multistrand single core copper conductor cable in 20 mm dia. Heavy duty PVC conduit with 1 No.1.5 sq.mm FR PVC insulated conductor 1100V grade with multistrand single core copper conductor as earth continuity wire. (S.I. No.1304C).	110.00	102.00	Rmt
Item No.14	S/F of switch box made of 16 SWG with MS sheet of 100 x 100 x 65 mm size duly painted with red oxide primer and flused in wall including cutting of brick work, fixing to it to the level with cement sand mortar colour wash including cost of all material labour T & P etc required for proper completion of the work as per directions and to the satisfaction of engineer.[S.I.No. 159 /2009]	3.00	75.00	Each
Item No.15	Same as item no.3 but of 175 x 100 x 65 mm size. [S.I.No. 160]	4.00	107.00	Each
Item No.16	Same as item no.3 but of 250 x 200 x 65 mm size. S.I. no. 161	4.00	75.00	Each
Item No.17	P/F white vitreous china water closet quality pan indian type W.C. pan 580 x 440mm size with 100mm sand cast iron for P or S trap, 10 lit. low level PVC flushing cistorm (of approved make) with fittings C.I. / M.S. brackets 32mm dia flush pipe with fitting and clamps over flow arrangement with special and mosquito proof coupling of approved municipal design including painting of fittings and brackets cutting and making good the wall, floors wherever required . (S.I. No. 19.1)	2.00	2570.00	Each
Item No.18	P/F 100mm dia P.V.C.soil waste and vent pipe (S.I. No. 19.48.1/Lucknow Schedule)	120.00	250.00	Rmt
Item No.3	P/F M.S. holder bat clamps of app. Design to sand caste iron/cast iron pipe embedded in and including and cement concrete blocks 10 x 10 x 10 cm of 1:2:4 of 20mm nominal size including cost of cutting and holes and making good the	60.00	65.00	Each

	wall etc (S.I. No. 19.49.1)			
Item No.4	P/L and jointing glazed S.W. pipe grade and with stiff mixture of cement plaster mortar in ratio of 1:1 including testing, jointing etc, complete 150mm dia. (S.I. No. 21.1.2)	30.00	152.00	Rmt
Item No.5	P/L cement concrete of 1:5:10 of 40mm nominal size upto nauch of S.W. pipe including bat complete as per standard design of 150mm dia S.W. pipe. (S.I. No. 21.3.2)	30.00	143.25	Rmt
Item No.6	P/F of sand cast iron Nahani trap of self cleaning design 100mm inlet 75mm outleg (D.S.R.)	18.00	263.00	Each
Item No.7	P/F G.I. pipes 15mm dia complete with G.I. fitting and clamps including cutting and making good the walls etc with B class G.I. Pipes. (S.I. No. 20.2.1.1)	180.00	83.70	Rmt
Item No.8	P/F G.I. pipes 25mm dia complete with G.I. fitting and clamps including cutting and making good the walls etc with B class G.I. Pipes. (S.I. No. 20.2.1.1)	30.00	143.25	Rmt
Item No.9	P/F 15mm nominal bore brass bib cock of approved quality conforming to IS 8931 (S.I. No. 20.90)	48.00	220.00	Each
Item No.10	Making connection of G.I. distribution with branch G.I .main by providing 20mm dia brass feroul C.I. mouth cover including boring and lapping the main. (S.I. No. 20.12.1)	4.00	183.00	Each
Item No.11	P/F of brass gate valve with C.I. wheel of approved quality for tank. (S.I. No. 20.9.3)	15.00	383.00	Each
Item No.12	Const. of brick masonry chamber size 0.60x0.60x0.60m with M150 brick work in cement mortor 1:4with RCC top 10cm thick slab with 1:1.5:3 cement conc. Mix in 20mm gauge stone grit.	6.00	2238.00	Each
Item No.13	Supply & fixing of 100mm dia P.V.C. plain bend of App. Quality	27.00	70.00	Each
Item No.14	Supply & fixing of 100mm dia P.V.C. Socket of App. Quality	30.00	41.50	Each
Item No.15	Supply & fixing of 100mm dia P.V.C. Tee of App. Quality.(M.R.)	24.00	80.00	Each
Item No.16	Supply & fixing of 100mm dia P.V.C. Door Tee of App. Quality.(M.R.)	24.00	230.00	Each
Item No.17	Supply and Hoisting of low denisty Polyethylene seamless one peace moulded tank and placing the same in proper position including all taxes(S.No.2 of Chapter 19 of Locknow Schedule)	4000.00	6.00	Ltr
Item No.1	Excavation in foundation in ordinary Soil(Loam,clay or sand)including lift upto 1.50M. & including filling watering &ramming of excavated earth into the trenches or into the space between the building & the sides of the foundation trenches or into the plinth & removal & disposal of surplus earth as directed by the Engineer-in charge upto a distance of 30M. from the foundation trenches.[SI No.251(a)]	162.00	36.75	Cum

Item No.2	Concrete with 4 cm. gauge brick ballast, fine sand of 1.25 F.M. & cement, in proportion of 8:4:1 in foundations. [SI.No.273]	23.20	1775.00	Cum
Item No.3	M-150 Brick Work in one cement & six fine sand of 1.25 F.M mortar in foundation [SI.No.303]	138.00	1900.00	Cum
Item No.4	2.5 cm. Thick D.P.C with cement & approved coarse sand 1:2 with & including water proofing as ordered by the Engineer incharge in the proportion as specified by the manufacturer i/c supply of all materials, tools & plants etc. required for the completion of the work & including proper curing & shutterings as necessary. [SI.No.361]	30.00	160.00	SQM
Item No.5	Applying two coat of residual petroleum bitumen of penetration 85/50 or 85/25 of approved quality using 1.7 kg per sqm on damp proof coarse after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. [SI.No.362+363]	30.00	66.00	SQM
Item No.6	First class Brick Work in 1:6 cement & F. sand of 1.25 F.M mortar for one brick thick wall in super structure [SI.No.303+309+310]			
(A)	For Ground Floor	57.30	2065.00	Cum
(B)	For First Floor	57.30	2066.70	Cum
(C)	For Second Floor	59.80	2069.40	Cum
Item No.7	First class Brick Work in 1:4 cement & Coarse Sand of 2.20 F.M. mortar for half brick thick wall in super structure [SI.No.310a]			
(A)	For Ground Floor	16.70	2448.50	Cum
(B)	For First Floor	16.70	2450.20	Cum
(C)	For Second Floor	17.00	2451.90	Cum
Item No.8	R.C.C Work with cement, approved coarse sand & 2cm. gauge approved stone grit in proportions of 1:1.5:3 in R.C.C. raft foundation and footings excluding supply of reinforcement & its bending, but including its fixing & binding the same with 24 B.W.G.G.I. binding wire & including necessary centering & shuttering etc. & supply of all materials, labour, Tools & plants etc. required for proper completion of the work i/c cost of binding wire. The rate excludes making of drip course which shall be paid extra. [SI.No.283]	4.00	4002.40	Cum
Item No.9	R.C.C Work with cement, approved coarse sand & 2cm. gauge approved stone grit in proportions of 1:1.5:3 (1 cement, 1.5 coarse sand, 3 stone grit) in columns including necessary centering & shuttering excluding supply of reinforcement and its bending the for same with 24 B.W. G.G.G.I. binding wire. [SI.No.289]			

(A)	For Ground Floor	1.50	5150.00	Cum
(B)	For First Floor	1.50	5153.90	
(C)	For Second Floor	2.50	5153.90	Cum
Item No.10	R.C.C Work with cement,approved coarse sand & 2cm. gauge approved stone grit in proportions of 1:1.5:3 (1 cement, 2 coarse sand, 4 stone grit) in lintel including necessary centering & shuttering excluding supply of reinforcement and its bending the for same with 24 B.W. G.G.G.I. binding wire.[SI.No.283]	2.50	4379.00	
Item No.11	R.C.C Work with cement,approved coarse sand & 2cm. gauge approved stone grit in proportions of 1:1.5:3 (1 cement, 2 coarse sand, 4 stone grit) in lighter beams having span upto 6.0 mt. including necessary centering & shuttering excluding supply of reinforcement and its bending the for same with 24 B.W. G.G.G.I. binding wire.[SI.No.285]	30.00	5259.00	Cum
Item No.12	R.C.C Work with cement,approved coarse sand & 2cm. Gauge approved stone grit in proportions of 1:1.5:3 in slabs exclud supply of reinforcement & its bending,but i/c its fixing & binding the same with 24 B.W.G.G.I.binding wire & including necessary centering & shuttering etc. & supply of all materials,labour ,Tools & plants etc.required for proper completion of the work i/ccost of binding wire.The rate excludes making of drip course which shall be paid extra.[SI.No.284]			
(A)	For Ground Floor	17.90	4959.00	Cum
(B)	For First Floor	17.90	4962.90	Cum
(C)	For Second Floor	20.20	4966.80	Cum
Item No.13	M.S.(tor steel or plain)in plain work such as R.C.C.or R.B.work i/c bending for proper shape& including supply of steel & its wastage,bend,hooks & authorized overlapping shall be measured & i/c cost of binding wire.[SI.No.504]	77.00	4700.00	Qtl
Item No.14	M.S. or iron work in angle iron door and windows frames including cutting welding and wastage including supply of material, Labour T&P etc. required for proper completion of work. S.I. No. 502	10.00	4400.00	Qtl
Item No.15	Same as in item no. 13 but openable panles of steel Z section window excluding Glass panes.	8.00	5600.00	Qtl
Item No.16	12mm thick plaster with cement and fine sand of 1.25 F.M. mortor in 1:4 over brick work internal side. [SI.No.586]			
(A)	For Ground Floor	1129.50	62.00	SQM
(B)	For First Floor	1129.50	62.20	SQM
(C)	For Second Floor	1198.00	62.40	SQM
Item No.17	2cm thick plaster in dado or skirting in 1:2 consisting of one part of cement & two part of approved coarse sand laid in panels finished with 3mm floating coat of neat cement or cement mixed with marbile dust in ratio 5:1 including supply	341.20	115.00	SQM

	of all material,labour, tools&plants etc.required for completion of the work.[SI.No.597]			
Item No.18	Extra labour and materials for plaster over rough face of one brick wall (s.l.No.596/2009)	1729.00	6.50	SQM
Item No.19	Sand filling in plinth i/c supply of necessary quantity of sand from a distance not exceeding 8 km from the site of work and i/c watering,dressing etc. labour and T&P etc. required for the proper completion of the work.saplings of grith upto 30 cms .measured at a height of 1 M. above ground level and removal of rubbish up to a distance of 50 M .out side the periphery of area cleared.[255 (a)]	30.00	220.00	
Item No.20	Earth Filling in Plinth Including cartage up to 1Km distance	60.00	61.50	Cum
Item No.21	Supply and fixing of 32mm thick flush Doors commercial quality conforming to I.S. 2202 Part 1(1983) including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges bolts locks handles spring fitting with necessary screws to be supplied departmentally.(S.I.No.470/2008 of Lucknow)	44.30	850.00	SQM
Item No.22	2.5 cm. (1ö) thick 1:2:4 plain cement concrete floor with cement,approved coarse sand & 2 cm. (1ö)graded approved stone grit, laid in panels finished with 3 mm. (1/8ö) floating coat of neat cement & marble dust in ratio 5:1 as specified over & including Base Coccrete of 1:4:8 cement, Fine sand & Brick Ballast supply of all materials,labour tools & plants etc.required for proper completion of the work. [SI No.601]	142.00	250.00	SQM
Item No.23	4 cm. (1.5ö) thick 1:2:4 plain cement concrete floor with cement,approved coarse sand & 2 cm. (1ö)graded approved stone grit, laid in panels finished with 3 mm. (1/8ö) floating coat of neat cement & marble dust in ratio 5:1 as specified without base concrete including supply of all materials,labour tools & plants etc.required for proper completion of the work. [SI No.605]	292.00	190.00	SQM
Item No.24	Providing and fixing glass strips of 4.00 mm (1/8 ") thickness in joints of floors and skirting at the time of laying ,i/c labour and tools & plants .etc. complete.	720.00	12.00	Rmt
Item No.25	Colour washing two coat using approved colouring material buff,blue,grey or brown shade including supply of all materials,Labour,Tools & plants etc. required for proper completion of the work.[SI.No.675]	1696.00	6.00	SQM
Item No.26	white washing two coats including supply of all materials, labour, tools and plants etc required for proper completion of work.	482.00	3.00	SQM

Item No.27	Finishing wall with water proof cement paint of approved make and quality on new surface with three coat to give an even shade including supply of all materials Labour,Tools & plants etc. required for proper completion of the work.[S.I. No. 660+661]	910.00	34.00	SQM
Item No.28	Supply & fixing galvanized mosquitos proof heavy quality iron wire gauge or expended metal heavy quality over window and i/c supply of C.P. teak wood batten 8 cm X1 cm flat iron 25 mmX 4 mm .and i/c supply of necessary screws all materials, labour, tools & plants etc. required for proper completion of the work..[SI No.455]	10.00	600.00	SQM
Item No.29	Supply and fixing of 3mm thick window glass panes of approved quality including supply of putty etc completion of required for proper completion of the work.(S.I.No.812 of Lucknow Schedule)	51.00	400.00	SQM
Item No.30	P/F of hexagonal fan box with hexagonal side of 80mm dia of 16 swg sheet.(S.I.No. 1149/2009 of Elec.)	24.00	107.00	SQM
Item No.31	Approximate cost of ISI marked oxidized iron fitting with screw for door & window etc. (for estimate purpose only).[SI.No.473]	62.80	280.00	SQM