

Meerut Development Authority, Meerut.

Tender.NO-10

Sealed Tenders are invited for the following works so as to reach the Meerut Development Authority, Meerut. Opposite Police Lines, Meerut latest by dated 17.06.2015 at 3:00 P.M.

Name of Scheme: श्रद्धापुरी आवासीय योजना पाकेट-ई में निर्माणाधीन 96 एल0आई0जी0 चार मंजिले भवनों में वाह्य विद्युतीकरण का कार्य।

S No.	Item	Estimated Cost	Earnest Money In Laks	Cost of Tender	Time of Completion
01&	उपरोक्तानुसार	15.04	0.31	1140.00	2 माह

शर्त:-

- 1- कार्य का ड्राइंग/डिजाइन का अनुमोदन एवं प्रयुक्त की जाने वाली विद्युत सामग्री की जांच पश्चिमांचल विद्युत वितरण निगम लि0 कराने की जिम्मेदारी स्वयं फर्म की होगी।
- 2- कार्य पश्चिमांचल विद्युत वितरण निगम लि0 मेरठ/नगर निगम,मेरठ को हस्तान्तरण कराने की जिम्मेदारी फर्म की होगी।अनुबंधित कार्य पूर्ण करके संबंधित ठेकेदार द्वारा पावर कॉर्पोरेशन विभाग को हस्तान्तरित करने तक स्थल पर स्थापित समस्त विद्युत सामग्री की सुरक्षा का दायित्व ठेकेदार का होगा।
- 3- कार्य पूर्ण करके पावर कॉर्पोरेशन विभाग/ नगर निगम, मेरठ को हस्तान्तरण के दिनांक से एक वर्ष तक विद्युतीकरण कार्य के अनुरक्षण की जिम्मेदारी ठेकेदार की होगी।
- 4-चलित बिल से 05 प्रतिशत अस्थाई कटौती की जायेगी।जिसका भुगतान अन्तिम बिल में किया जायेगा।
- 5-अनुबंधित कार्य के उर्जीकरण से पूर्व सह-युक्त निदेशक विद्युत सुरक्षा निदेशालय 3090 सख्त के मेरठ स्थित कार्यालय से एन0ओ0सी0 प्राप्त करने की समस्त जिम्मेदारी ठेकेदार की होगी।

2. Tender will be opened at **4.00 P.M. on 17.06.2015** and the tenders are welcome to be present.
3. The work must be completely finished in accordance with the contract documents within the time prescribed as mentioned above from the date order of the to commence work.
4. The notice copies of the drawings and other documents pertaining 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 from 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 in response to invitations shall not be withdrawn 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, alters, or notified the contents of his conditions tender shall be 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 instructions the tender is liable 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 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 conform to be latest U.P.P.W.D. detailed specification & shall be free from silt, clay & foreign matter and shall be free from site have the desired quality, brought from Jamuna or Ganga river. To obtain the desired fineness modulus 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 from approved quarry the sand shall be screened & shall be at the fineness modulus 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 from approved brick kiln.
- 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 on 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 possitions 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 within 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 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 or 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 it is 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 OWNERSHIP**:—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 every 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 while of 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 the Authority by the contractor and shall be decency 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 end an greed. the acceptance, of such sub standard work will be at the entirely 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 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 unsacked 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 well 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 best packed 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 refuses 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 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 in charge to accept the work or to reject. In case the work is 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 rates 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 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. Stamps duty as required on the contract deed will be borne by the contractor.
47. The M.D.A. shall have the right to accept at reduced rate sub standard and defective work provided that the sub standard or defective work is 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 of H.C.I. pipe lines, flushing valves bracket and other fittings and M.S. tanks and girders etc.
50. (e) Lead jointing in HCL Ball 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 E.I. 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 cost.

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 lams 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 nothing 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 calamities 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)

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.

MEERUT DEVELOPMENT AUTHORITY

B O Q

Name of work:- External electrification work of E pocket 96 L I G houses at Shardhapuri

S.No	Item of work	Qty	Unit	Rate
1	Supply & Errection of 9 mt. long steel tubular pole designated 410 S P- 32 with 1/6 over all length of pole grouted in cement concrete 1:3:6 including the plinthing of pole 30 cm. above the ground level including excavation back filling etc. Rates are including all materials, labour.T&P etc. required for proper completion of work as per direction of E/I.	10	Nos.	12539.00
2	Supply & Fixing of suspension clamps complete in all respect as per UPPCL norms.	6	Nos.	145.00
3	Supply & Fixing of dead and clamp complete in all respect as per UPPCL norms.	8	Nos.	155.00
4	Supply & Fixing of piercing connector complete in all respect as per UPPCL norms.	24	Nos.	79.00
5	Supply & Fixing following size arial bunch condctor (ABC) complete in all respect as per UPPCL norm s.			
	(i) 3x120 mm + 1x95 mm + 1x16 mm	160	R.M.	413.00
6	supply & fixing of 3phase moulded type 8 ways distribution consumer board complete in all respect as per UPPCL norms.	24	Nos.	1975.00
7	Supply & Errection of 11 mt. long steel tubular pole designated 410 S P- 55 with 1/6 over all length of pole grouted in cement concrete 1:3:6 including the plinthing of pole 30 cm. above the ground level including excavation back filling etc. Rates are including all materials, labour.T&P etc. required for proper completion of work as per direction of E/I.	2	Nos.	17157.00
8	Supply & fixing of M.S. channel (Top channel) of size 100x50 x2240mm. (7.9kg/mt) with M.S.clamp 50x6 mm.as per direction of E/I	1	Nos.	1021.00
9	Supply & fixing of M.S. channel of size 75x40 x2028mm. (7.9kg/mt) with M.S.clamp 50x6 mm.as per direction of E/I	2	Nos.	761.00
10	S/F of 11 KV pin insulator with G.I. pin on S.T.pole or any where specified including bolts to fasten the pole cap/cross arm as per direction of E/I	6	Nos.	119.00
11	S/F of 11 KV disc & fitting ,T&C type, including nut, bolt,washer etc. as per direction of E/I	3	Nos.	355.00
12	Supply, sagging, tensioning, jointing, binding of suitable size ACSR conductor confirming the I.S. specification including cost of binding wire, jointing sleeves, PG clamps, labour, T&P etc. required for proper completion of work as per direction of E/I.	6	Kg.	243.00

13	Supply, stringing & binding Of over head line with G.I. wire no. 4 to 8 SWG on pole including binding, labour.T&P etc. required for proper completion of work as per direction of E/I. (S.I. No.628)	3 Kg.	84.00
14	Supply & Erection of hexagonal / cradle type guard of G.I. wire no. 4 to 8 S.W.G. including binding etc. complete in all respect (S.I.no.629)	10 each	55.00
15	S/F of 11 KV TPMO set with required channel, handle switch and insulator etc. complete as per UPCCL norms.	1 Set.	5150.00
16	S/F of 11 K.V. D.O. fuse set on pole complete as per UPCCL norms.	1 Set.	3180.00
17	S/F of lightning arrester for 11 KV complete with base shortd with G.I. strip of size 35x5 mm. complete in all respect as per direction of E/I.	1 Set.	1350.00
18	Making of transformer plinth of size 3.25x2.5x1.20 m. with M 150 brick work in 1:4 cement and fine sand mortar having 10 cm thick concrete with 12:6:1 in B/B, F/S & Cement in foundation & 10 cm thick P.C.C. with S/Grit, C/sabd and cement in 4:2:1 at top of platform including plaster in 1:4 cement & F/sand over brick work L/C supplier of all material labour T& P etc. required for proper completion of work complete in all respect as pr direction of E/I.	1 No.	19000.00
19	S/F of 1.5 mt. high cage fabricated with 3 mm thick wire expanded metal fixed on 50x50x6 mm. Angle iron frame having vertical members spaced at 1.0 to 1.25 mt. & horizontal members spaced at 1.0 mt. The verticals member shall be grouted in floor. The cage shall have 1000x1000 mm size one leaf door with locking arrangement having door frame fabricated with 35x35x6 mm. angle iron & 3 mm expanded metal duly fixed with the cage members with hinges etc. The cage shall be painted with red oxide primer & synthetic enamelld paint as per direction of E/I. the job includes all materials labour, T&P etc. for proper completion of work.	15.12 Sqmm.	911.00
20	Supply and laying of aluminium conductor PVC insulated armoured served sheathed cable 1100 volts grade at a depth of 750 mm. below ground level over a cushion of 75 mm thick sand all around and protected with burnt bricks on sides and on top on surface the cable run shall be fixed on M.S. clamps etc. of suitable size or as directed by the E/I complete in all respects the armouning of the cable shall be property connected with the earth conductor by clamps etc. The rate will be deducted @ Rs 85 /Rmt when cable is passing through G. I./ M.S. or hume pipe. (S.I. No.507)		
	(i) 300 sq. mm. 3-1/2 core	15 R.M.	2124.00

	(ii) 240 sq. mm. 3-1/2 core	55	R.M.	1789.00
	(iii) 35 sq. mm. 3-1/2 core	100	R.M.	408.00
	(iv) 25 sq. mm. 3-1/2 core	250	R.M.	365.00
21	S/E of Palm/Pin type cable socket (lugs) to the cable leads insulating with tape & making connection etc. complete in all respects as per direction of E/I.			
	(i) 300 Sq. mm.	8	No.	486.00
	(ii) 35 sq. mm.	24	Nos.	29.00
	(iii) 25 sq. mm.	144	Nos.	26.00
22	S/F of HT/LT jumpering & connection of double pole & T/F as per direction of E/I.	1	Job	957.00
23	S/Installation of 11/0.440KV copper wound oil filled air cooled T/F with all accessories breather temperature meter etc. complete in all respect as per direction E/I & UPPCL approved. (3 star rating)			
	250 KVA	1	No.	437800.00
24	S/M of water level earthing of natural & body of T/F shall be done by B class GI pipe 40mm dia 4 mm thick by boring up to water level 20 mtr. Deep & connection of m. s. flat 35x5 mm etc. complete in all respects as per direction of E/I.	1	No.	12400.00
25	Supply & erection of stay set 3.5 mt. away from the pole complete with galvanised 19 mm.dia x 1.80 mt. long stay rod, 30x30cm.x6.3mm. Anchor plate, thimble stay clamps, stay insulator, 19mm x 600mm. Double screw tightner, 7/3.5 mm. G.I. stay wire etc. in 1:3:6 cement concrete complete in all respects .	2	each	2410.00
26	Painting of S.T. pole with 2 coats of aluminium paint over red oxide primer complete in all respect. (S.I. No.634)	12	Nos.	238.00
27	Making suitable earth of S.T. pole with 2.5 mt. long 20 mm. dia G.I. rod , 4 S.W.G. G.I. wire including the cost of all material, labour, T&P etc. complete in all respect.	2	Nos.	424.00

28	Supply & laying of 3 core standard aluminium conductor XLPE (cross linked polyethylene) insulated PVC bedded, Galvanised flat steel strip armoured cables conforming to I.S. 7098 (part -II with latest amendments) 11 KV grade at a depth of 900 mm. below ground level over a cushion of 100 mm. thick fine river sand all around and protected with well burnt bricks on side & on top put across. The armouring of cable shall be properly connected with earth conductor by clamp. The rate will be deducted @ Rs 94 /Rmt when cable is passing through G. I./ M.S. or hume pipe (a) 120 sq mm. 3 core	160	Rmt.	2049.00
29	Supplying & making out door cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required. 120 sq mm. 3 core	4	each	11927.00
30	S/L of 6 inch dia R.C.C. half pipe complete in all respect.	30	R.M.	158.58
31	S / F of HDPE (DWC) pipe 120/103.5 mm. (OD/ID) for road crossing at depth of 750 mm. below ground level for H.T. cable as cable carrier (make Dura-Line or Reck)	10	R.M.	329.00
32	S/F of socket / Coupler for HDPE pipe 120 /103.5 mm. (make Dura-Line or Reck)	4	each	22.00
33	supply & fixing of cable root marker in suitable masonry enclosure as directed by the E/I	4	each	316.00
34	S/F of factory wired 250 watt HPSV fitting suitable for 250 watt HPSV lamp including 250 watt HPSV lamp all complete all pole as SL no. 487 make philips, crompton greavs, twinkle, CAT 'AA'	6	Nos.	7182.00
35	S/F of 63 Amp. 415 V Heavy Duty Double Break HRC fuse type metal clad TPN complete with HRC fuse etc. complete in all respects as per direction of E/I. cat A	1	each	5334.00
36	S/F of 100 mm. dia B class G.I. pipe in ground / pole with clamp complete in all respect	18	Rmt.	815.00

