

Meerut Development authority, Meerut

Notice Inviting Tenders No-02

Sealed Tenders are invited for the following works so as to reach the Meerut Development Authority. Opposite Police Lines, Meerut latest by 3:00 P.M, Date 08-12-2016

Name of Scheme :- : सूरज कुण्ड पुलिया से ईस्टर्न कचहरी रोड तक प्रकाश व्यवस्था का कार्य।

S.No.	Item	Estimated Cost	Earnest Money	Cost of Tender	Time of Completion	catt.
1-	उपरोक्तानुसार	23.66	2.37	1140/-	2 माह	सी

शर्तें

1- कार्य का ड्राइंग/डिजाइन का अनुमोदन एवं प्रयुक्त की जाने वाली विद्युत सामग्री की जांच पश्चिमांचल विद्युत वितरण निगम लि० से कराने की जिम्मेदारी स्वयं फर्म की होगी।

2- कार्य पश्चिमांचल विद्युत वितरण निगम लि० मेरठ/नगर निगम,मेरठ को हस्तान्तरण कराने की जिम्मेदारी फर्म की होगी। अनुबंधित कार्य पूर्ण करके संबंधित ठेकेदार द्वारा पावर कार्पोरेशन विभाग/नगर निगम,मेरठ को हस्तान्तरित करने तक स्थल पर स्थापित समस्त विद्युत सामग्री की सुरक्षा का दायित्व ठेकेदार का होगा।

3- कार्य पूर्ण करके पावर कार्पोरेशन 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 10 प्रतिशत अस्थाई कटौती की जायेगी।जिसका भुगतान अन्तिम बिल में किया जायेगा।

5-अनुबंधित कार्य के उर्जीकरण से पूर्व सहायक निदेशक विद्युत सुरक्षा निदेशालय उ०प्र० सरकार के मेरठ स्थित कार्यालय से एन०ओ०सी० प्राप्त करने की समस्त जिम्मेदारी ठेकेदार की होगी।

2. Tender will be opened at **4.00 P.M. on 08.12.2016** and the tenders are welcome to be present.

3. The work must be completely finished in accordance with the contract documents with in the 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 11.00 day of 11.00 . 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 othecorporatio 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.

6. 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.

7. The expression tender of self used in this clause include any partner or director of the tendering firm company as the case may be.

8. 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.

9. Tenders shall remain open for acceptance for period of three months from the date opening of tenders.

10. Canvassing in any form will disqualify a tender.

11. 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.

12. The notice inviting tender shall form art of the contract when concluded.

13. 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.

14. 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.

15. 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.

16. 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.

17. 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%.

18. Authority reserves the right to accept or reject the tender in part or in full.

19. Conditional tenders are liable to be rejected.

20. For non compliance with any of the above instruction the tender is able to be rejected.

**Assistant Engineer
Meerut Development Authority
Meerut**

**Executive Engineer
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 Ist 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 í í í í í .. above/below of the rates given in the bill of quantity as above. (Refer BOQ)
 - 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 CONDITIONS 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 mesasuring the work in making such measurement and shall furnish all particulars required. Should the contractor fall , 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 hourse are adhared to No work should be done in night without the permission of the Engineer in charge except when its absolutely necessary for the saying 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. EXTRAITION 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 scuh 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 was to materials or rubbish caused by his employees on the works and on completion of the work he shall clear away and removes 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. FOSSHES 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 property 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 WONK:- 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 to 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 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 belong not available no claim will be entertained in case of material in schedule $\%C+$ the contractor will use only those material 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 put to disposed 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 instruction on 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. Incase 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) part in a conspicious place at the hole of work notice, going 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 available of such man.
42. The tender rates shall includes all quarrying charges, royalty screening tools and plants carriage of materials to the site stacking and removal of all reected materials, all taxes& water arrangement etc.
43. Condition of M.D.A conditions of contract manual from 79/80/81/82 will also be applicable and will form part of the contractor.
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 there correct and complete postal address in tender and arrange to take the delivery of all letter. If any letter achieved 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 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 classes bracket and other fittings and M.S. tanks and girders etc.
50. (e) Lead jointing in HCL Bolt 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 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 whatsoever 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.

EXECUTIVE ENGINEER

ANNEXURE -1

Tender invited by Executive Engineer _____

Meerut development authority, Meerut (U.P.)

Tender notice No. __02_____ dated 08-12-16 ॐ ॐ ॐ ॐ ॐ

Name of tendes work सूरज कुण्ड पुलिया से ईस्टर्न कचहरी रोड तक प्रकाश व्यवस्था का कार्य।

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 ॐ ॐ ॐ ॐ ॐ ॐ ॐ

Signed by Contractor ॐ ॐ ॐ ॐ ॐ ॐ ॐ ..ॐ ॐ ...
(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.

Meerut Development Authority

Name of Work - Street light work from Suraj Kund Puliya to Eastern Kachehari Road, Meerut

S.No.	ITEM	QTY	UNIT	RATE
1	Supply and laying of aluminium conductore PVC insulate armoured served sheathed cable 400 volts grade at a depth of 750 mm Below ground level 75 mm thick and alround and protected with bricks on side & on top. On surface the cable run shall be fixed on M.S. clamp etc. of suitable size & on crossin of the road cable shall run through 150mm dia hume pipe as directe shall be property connected with the earth conductor by clamps etc.			
	(i) 16 Sq mm 4 core SI No. 501(i)/2016	50	Rm	376
	(ii) 10 Sq mm 4 core SI No. 501(h)/2016	1600	Rm	325
2	S/E of Palm/Pin tyupe cable socket (lugs) to the cable leads insulating with tape & making connection etc. complete in all respects as per direction of E/I			
	(i) 16 Sq mm 4 core SI No.504(d)/2016	16	No	21
	(ii) 10 Sq mm 4 core SI No. 504(c)/2016	400	No	20
3	S/M of water level earthing of neutral & body of T/F shall be done by B class GI pipe 40 mm thick by boining up to water level 20mtr Deep & connection of m. S. flat 35X5 mm etc. complete in all respects as per direction of E/I (PSR)	3	No	12400
4	S/F of 65 mm dia b class GI Pipe with required clamp etc. as per direction of E/I (PSR)	24	M	439
5	S/F of LED street light fitting having die cast aluminium body & diffuser/Reflector with driver set suitable for 130 watt confirming to IP65 protection complete in all respect as per direction of E/I SI No. 1422/2016 Cat-AA	50	No	12690

6	<p>S & E of factory fabricated & wired metal clad dust and vermin proof floor mounting M.S. channel base with bottom cable entries out door type Electrical control panel with TPN switchboard complete with the following HRC type heavy duty TPN fuse switches with fuse and instrument chamber etc. complete in all respects. The instrument chamber shall be separate and shall comprised of flush type ammeter, voltmeter, selector switches for ammeter and voltmeter instrument fuses, current transformer etc. The panel board shall have suitable capacity electrolytic aluminum bus bar as per IS 8623 or above insulated with heat shrink sleeving and mounted on non hygroscopic supports such as CMC/BMC support with detachable side cover and shall be complete with suitable cable and boxes, compression gland and indicating lamp on incoming etc. The job includes the grouting of the board as per direction of E/I. All out goings of 100 Amps and above shall have an Ammeter. The panel board shall be fabricated with CRCA sheet with a minimum thickness of 1-6mm/2mm. Cubicle type switch board shall be of cat A B & B-II and pedestal type for cat - B & C only with timer switch SI No. 801 100 Amp. TPN 1 No & 32 Amp. TPN 3 No. Cat A Panel Cubicle Type</p>	1	No	59180	
7	<p>S/F of HDPE (DWC) pipe for road crossing etc. at depth of 750 mm below ground level for L.T. cable and 900 mm below ground level for H.T. cable as carrier as per E/I size 90/76 mm (make Dura-line of Reck) (PSR)</p>	1400	M	211	
8	<p>Making suitable size hole for under ground cable up to 1.5 mtr Deep using manual moling(without casing) for laying cable up to 400 sqmm cable including excavation of pits moling hole not exceeding 20 % of the cable size and back filling complete on restoration of the pits to its original condition complete in all respect as per direction of E/I (PSR)</p>	200	Rm	468	

9	Making suitable earth of S T pole over head line pole, with 2.5 m long 20 mm dia G.I Rod 7/16 S W G G.I earth wire as per present practice of UPPCL including the cost of material. labor t&p etc. required for proper completion of work as per direction of E/I (PSR)	50	No	341	
10	supply & erection of 7.5 mt long steel tubular Pole designated SP 06 with 1/6 over all length of pole will be grouted in 1:3:6 cement concrete including the plintin of poles 30 cm Above the round level including excavation back filling etc raes including all malenals labor T&P etc required for proper completion of work & direction of E/I SOR 2016/607	50	No	8914	
11	S/F factory fabricated hot dipped galvanized 50 mm dia 750 mm length dingle arm bracket with solgot suitable for 75 1 mm top dia round shaped S T pole asper final approval of E/I (PSR)	50	Nos	1200	
12	S/Boring for LT/HT cable through trenchless including HDPE pipe 200/170 mm dia as per is 4984 specification as conduit at a depth of 3 mtr bet GL with trenchless machine with proper coupling sleeving joint work complete as per direction of E/I (PSR)	50	Rm	2000	
13	S/F of cable route marker in suitable masonry enclosure as per direction of E/I (PSR)	20	Nos	316	
14	S/Painting of ST pole over 2 coat red oxide primer with AL paint complete in all respects as per direction of E/I si no 634/2016	50	No	274	
15	S/F of P V C junction box complete with 2 nos P V C pie 30 mm dia 1.3 mts long one no MCB amps and one no suitable connector as per direction of E/I (PSR)	50	Nos	645	
16	supply and fixing of bricks for protection of three cable complete in all respect as per direction of E/I	150	Mtr	94	